



# **Department of the Army**

**FY 2002**

**Amended Budget Submission**

**Military Construction, Army,  
Family Housing & Homeowners  
Assistance**

**Justification Data Submitted to Congress  
June 2001**

## **DISCLAIMER**

**This administration has not addressed FY 2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional and subject to change.**

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)  
 INSIDE THE UNITED STATES

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST -----	NEW/ CURRENT MISSION	PAGE -----
Alabama		Anniston Army Depot (AMC)				3
	47839	Rebuild Shop and Facility	2,850	2,850	C	5
	50522	Component Maintenance Facility	2,300	2,300	C	9
		Subtotal Anniston Army Depot PART I	\$ 5,150	5,150		
		Redstone Arsenal (AMC)				13
	46719	Dining Facility	7,200	7,200	C	15
		Subtotal Redstone Arsenal PART I	\$ 7,200	7,200		
		Fort Rucker (TRADOC)				19
	19484	Comanche Simulator Training Facility	11,400	11,400	C	21
		Subtotal Fort Rucker PART I	\$ 11,400	11,400		
		* TOTAL MCA FOR Alabama	\$ 23,750	23,750		
Alaska		Fort Richardson (USARPAC)				27
	52830	Barracks Complex - D Street, Ph 1	97,000	45,000	C	29
		Subtotal Fort Richardson PART I	\$ 97,000	45,000		
		Fort Wainwright (USARPAC)				33
	53735	Power Plant Cooling Tower	23,000	23,000	C	35
	54033	Assembly Building	4,200	4,200	C	38
		Subtotal Fort Wainwright PART I	\$ 27,200	27,200		
		* TOTAL MCA FOR Alaska	\$ 124,200	72,200		
Arizona		Fort Huachuca (TRADOC)				43
	53871	Effluent Reuse System	6,100	6,100	C	45
		Subtotal Fort Huachuca PART I	\$ 6,100	6,100		
		* TOTAL MCA FOR Arizona	\$ 6,100	6,100		

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)  
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)			NEW/	
-----	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
PROJECT	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
NUMBER					
-----	-----	-----	-----	-----	-----
Arkansas	Pine Bluff Arsenal (AMC)				51
55082	Ammunition Demilitarization Fac Ph VI	23,000	26,000	N	53
	Subtotal Pine Bluff Arsenal PART I	\$ 23,000	26,000		
	* TOTAL MCA FOR Arkansas	\$ 23,000	26,000		
Colorado	Fort Carson (FORSCOM)				59
31357	Barracks Complex - Nelson Blvd Ph1	66,000	25,000	C	61
	Subtotal Fort Carson PART I	\$ 66,000	25,000		
	Pueblo Depot Activity (AMC)				65
47261	Ammunition Demilitaration Fac Ph-III	0	11,000	N	67
	Subtotal Pueblo Depot Activity PART I	\$ 0	11,000		
	* TOTAL MCA FOR Colorado	\$ 66,000	36,000		
District of Columbia	Fort McNair (MDW)				73
22560	Physical Fitness Training Center	11,600	11,600		75
	Subtotal Fort McNair PART I	\$ 11,600	11,600		
	* TOTAL MCA FOR District of Columbia	\$ 11,600	11,600		
Georgia	Fort Benning (TRADOC)				81
19864	Runway Extension	6,900	6,900	C	83
38978	Passenger Processing Facility	17,000	17,000	C	86
	Subtotal Fort Benning PART I	\$ 23,900	23,900		
	Fort Gillem (FORSCOM)				91
17620	Explosive Ordinance Detachment Ops Bldg	5,600	5,600	C	93
42032	Criminal Investigation Forensic Lab	29,000	29,000	C	96
	Subtotal Fort Gillem PART I	\$ 34,600	34,600		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2002  
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(DOLLARS ARE IN THOUSANDS)  
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STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
	Fort Gordon (TRADOC)				101
30629	Information Systems Facility	11,000	11,000	C	103
50497	Vehicle Maintenance Facility	23,000	23,000	C	108
	Subtotal Fort Gordon PART I	\$ 34,000	34,000		
	Fort Stewart (FORSCOM)				113
3626	Vehicle Maintenance Facility	13,600	13,600	C	115
50907	Education Center	16,000	16,000	C	118
51968	Soldier Service Center	10,200	10,200	C	121
	Subtotal Fort Stewart PART I	\$ 39,800	39,800		
	* TOTAL MCA FOR Georgia	\$ 132,300	132,300		
Hawaii	PEARL HARBOR (USARPAC)				127
55253	Shipping Operations Building	11,800	11,800	C	129
	Subtotal PEARL HARBOR PART I	\$ 11,800	11,800		
	Schofield Barracks (USARPAC)				133
48782	Barracks Complex - Wilson Street PhIC	0	23,000	C	135
53761	Command & Range Control Bldg - Pohakuloa	5,100	5,100	C	139
	Subtotal Schofield Barracks PART I	\$ 5,100	28,100		
	Wheeler Army Air Field (USARPAC)				143
55038	Barracks Complex - Aviation PH 6A	50,000	50,000	C	145
	Subtotal Wheeler Army Air Field PART I	\$ 50,000	50,000		
	* TOTAL MCA FOR Hawaii	\$ 66,900	89,900		
Indiana	Newport Army Ammunition Plant (AMC)				151
50043	Ammunition Demilitarization Fac Ph IV	0	66,000	N	153
	Subtotal Newport Army Ammunition Plant PART I	\$ 0	66,000		
	* TOTAL MCA FOR Indiana	\$ 0	66,000		

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STATE	INSTALLATION (COMMAND)			NEW/	
-----	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
PROJECT	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
NUMBER	-----	-----	-----	-----	-----
Kansas	Fort Riley (FORSCOM)				159
6424	Modified Record Fire Range	4,100	4,100	C	161
53135	Child Development Center	6,800	6,800	C	165
	Subtotal Fort Riley PART I	\$ 10,900	10,900		
	* TOTAL MCA FOR Kansas	\$ 10,900	10,900		
Kentucky	Blue Grass Army Depot (AMC)				171
40845	Ammunition Demilitarization Fac Ph II	47,230	3,000	N	173
	Subtotal Blue Grass Army Depot PART I	\$ 47,230	3,000		
	Fort Campbell (FORSCOM)				177
18600	Electrical Substation	10,000	10,000	C	179
39054	Passenger Processing Facility	11,400	11,400	C	182
47409	Barracks Complex - Market Garden Rd Ph 3	47,000	47,000	C	185
49892	Expand Keyhole Hardstand	10,600	10,600	C	188
50361	Deployment Staging Complex	3,300	3,300	C	191
51873	Deployment Staging Complex/Rail	3,300	3,300	C	194
51874	Deployment Staging Complex/Air	3,300	3,300	C	197
	Subtotal Fort Campbell PART I	\$ 88,900	88,900		
	* TOTAL MCA FOR Kentucky	\$ 136,130	91,900		
Louisiana	Fort Polk (FORSCOM)				203
2298	Education Center	10,800	10,800	C	205
53873	Readiness and Operations Facility	10,400	10,400	C	208
	Subtotal Fort Polk PART I	\$ 21,200	21,200		
	* TOTAL MCA FOR Louisiana	\$ 21,200	21,200		

DEPARTMENT OF THE ARMY  
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STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Maryland	Aberdeen Proving Ground (AMC)				213
287	Climatic Test Facility	9,000	9,000	C	215
39981	Ammunition Surveillance Facility	5,300	5,300	C	219
50054	Ammunition Demilitarization Fac Ph IV	37,600	66,500	N	223
52101	Chemistry Laboratory - Edgewood Arsenal	44,000	44,000	C	227
	Subtotal Aberdeen Proving Ground PART I	\$ 95,900	124,800		
	Fort Meade (MDW)				233
23721	Child Development Center	5,800	5,800	C	235
	Subtotal Fort Meade PART I	\$ 5,800	5,800		
	* TOTAL MCA FOR Maryland	\$ 101,700	130,600		
Missouri	Fort Leonard Wood (TRADOC)				241
16032	Record Fire Range	3,550	3,550	C	243
23301	Night Fire Range	4,300	4,300	C	247
53439	Basic Combat Training Complex Ph 2	4,400	27,000	C	251
	Subtotal Fort Leonard Wood PART I	\$ 12,250	34,850		
	* TOTAL MCA FOR Missouri	\$ 12,250	34,850		
New Jersey	Fort Monmouth (AMC)				257
43707	Barracks Complex	20,000	20,000	C	259
	Subtotal Fort Monmouth PART I	\$ 20,000	20,000		
	* TOTAL MCA FOR New Jersey	\$ 20,000	20,000		
New York	Fort Drum (FORSCOM)				265
3118	Hazardous Material Storage Facility	4,700	4,700	C	267
14529	Tactical Equipment Shops	31,000	31,000	C	270
43462	Field Operations Facility	2,150	2,150	C	273
54926	Battle Simulation Center, Phase 2	3,000	9,000	C	276
	Subtotal Fort Drum PART I	\$ 40,850	46,850		

DEPARTMENT OF THE ARMY  
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STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
-----	NUMBER	----- PROJECT TITLE	-----	-----	-----	-----
		United States Military Academy (USMA)				279
	47593	Cadet Physical Development Center Ph III	0	37,900	C	281
		Subtotal United States Military Academy PART I	\$ 0	37,900		
		* TOTAL MCA FOR New York	\$ 40,850	84,750		
North Carolina		Fort Bragg (FORSCOM)				287
	44496	Barracks Complex - Butner Rd Ph 2	0	49,000	C	289
	46797	Parachute Team General Purpose Building	7,700	7,700	C	293
	47347	Barracks Complex - Longstreet Rd Ph 2	0	27,000	C	296
	47894	Vehicle Maintenance Facility	13,600	13,600	C	300
	50230	Barracks Complex - Tagaytay Rd Ph2C	0	17,500	C	304
		Subtotal Fort Bragg PART I	\$ 21,300	114,800		
		Sunny Point Military Ocean Terminal (MIMC)				309
	14104	Open Storage Area	2,050	2,050	C	311
	14112	Road Improvements and Truck Pad	4,600	4,600	C	314
	31187	Fire Station	2,750	2,750	C	317
	43928	Deployment Staging Area	2,000	2,000	C	321
		Subtotal Sunny Point Military Ocean Terminal	P\$ 11,400	11,400		
		* TOTAL MCA FOR North Carolina	\$ 32,700	126,200		
Oklahoma		Fort Sill (TRADOC)				327
	41549	Deployment Staging Complex	5,100	5,100	C	329
		Subtotal Fort Sill PART I	\$ 5,100	5,100		
		* TOTAL MCA FOR Oklahoma	\$ 5,100	5,100		

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STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
South Carolina	Fort Jackson (TRADOC)				335
51935	Basic Combat Training Complex, Ph I	62,000	26,000	C	337
	Subtotal Fort Jackson PART I	\$ 62,000	26,000		
	* TOTAL MCA FOR South Carolina	\$ 62,000	26,000		
Texas	Fort Hood (FORSCOM)				343
19699	Vehicle Maintenance Facility	12,200	12,200	C	345
22993	Vehicle Maintenance Facility	23,000	23,000	C	348
37102	Command and Control Facility, Phase 2	10,000	10,000	C	352
54058	Multi-purpose Digital Training Range Ph II	3,000	13,000	C	355
54459	Barracks Complex - 21003 Block	41,000	41,000	C	359
	Subtotal Fort Hood PART I	\$ 89,200	99,200		
	Fort Sam Houston (MEDCOM)				363
17154	General Instruction Building	2,250	2,250	C	365
	Subtotal Fort Sam Houston PART I	\$ 2,250	2,250		
	* TOTAL MCA FOR Texas	\$ 91,450	101,450		
Virginia	Fort Belvoir (MDW)				371
47011	Chapel	4,950	4,950	C	373
52038	Operations Building	31,000	31,000	C	377
	Subtotal Fort Belvoir PART I	\$ 35,950	35,950		
	Fort Eustis (TRADOC)				383
19983	Field Operations Facility	1,750	1,750		385
21177	Main Pier	23,000	23,000	C	388
	Subtotal Fort Eustis PART I	\$ 24,750	24,750		
	Fort Lee (TRADOC)				391
33075	Airborne Training Facility	17,500	17,500	C	393
53677	Military Entrance Processing Station	6,400	6,400	C	396

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)  
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	NEW/				
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	MISSION	PAGE
NUMBER	PROJECT TITLE	REQUEST	REQUEST			
-----	-----	-----	-----			
Virginia	Fort Lee (TRADOC) (CONT.)					391
	Subtotal Fort Lee PART I	\$ 23,900	23,900			
	* TOTAL MCA FOR Virginia	\$ 84,600	84,600			
Washington	Fort Lewis (FORSCOM)					401
41570	Deployment Staging Complex	15,500	15,500	C		403
41572	Pallet Handling Facility	13,200	13,200	C		407
41746	Barracks Complex - 17th & B Streets, Ph 1	150,000	48,000	C		410
49840	Deployment Staging Complex/Rail	16,500	16,500	C		414
53638	Combat Vehicle Trail	7,300	7,300	C		417
54023	Ammunition Supply Point Expansion	17,000	17,000	C		420
54068	Vehicle Maintenance Facility	9,100	9,100	C		423
54113	Vehicle Maintenance Facility	9,600	9,600	C		426
	Subtotal Fort Lewis PART I	\$ 238,200	136,200			
	* TOTAL MCA FOR Washington	\$ 238,200	136,200			
	** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 1,310,930	1,337,600			

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)  
 OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)			NEW/ CURRENT	
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Germany	Germany Various (USAREUR)				431
	Bamberg				
23333	Barracks Complex - Warner's 3	20,000	20,000	C	433
23443	Physical Fitness Training Center	16,000	16,000	C	436
	Baumholder				
30408	Vehicle Maintenance Facility	9,000	9,000	C	439
	Darmstadt				
51048	Barracks Complex - Kelley 4163	6,800	6,800	C	442
52298	Barracks Complex - Cambrai Fritsch 4028	6,700	6,700	C	445
	Hanau				
52613	Barracks Complex - Pioneer 8	7,200	7,200	C	448
	Heidelberg				
52306	Barracks Complex - Patton 114	6,800	6,800	C	451
52634	Barracks Complex - Tompkins 4253	8,500	8,500	C	454
	Mannheim				
52751	Vehicle Maintenance Facility	16,000	16,000	C	457
	Wiesbaden				
51727	Child Development Center	6,800	6,800	C	461
53164	Physical Fitness Training Center	19,500	19,500	C	464
	Subtotal Germany Various PART I	\$ 123,300	123,300		
	* TOTAL MCA FOR Germany	\$ 123,300	123,300		
Korea	Korea Various (EUSA)				471
	Camp Humphreys				
51471	Barracks Complex - Camp Humphreys	14,500	14,500	C	473
	Combined Field Army				
51621	Barracks Complex - Camp Stanley	28,000	28,000	C	477
52954	General Instruction Building-Camp Jackson	6,100	6,100	N	481
	Eastern Corridor				
52559	Barracks Complex - Camp Hovey	33,000	33,000	C	484
53661	Sanitary Sewer System - Camp Hovey	2,750	2,750	C	488
56069	Vehicle Maintenance Facility - Camp Casey	8,500	8,500	C	491
	Taegu				
52518	Physical Fitness Training Ctr-Camp Carroll	8,593	8,593	C	495
55729	Electrical Distribution Sys - Camp Carroll	8,000	8,000	C	498
	Subtotal Korea Various PART I	\$ 109,443	109,443		
	* TOTAL MCA FOR Korea	\$ 109,443	109,443		

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
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 (DOLLARS ARE IN THOUSANDS)  
 OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION	PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	----- REQUEST	----- REQUEST			
-----	-----	-----	-----			
Kwajalein	Kwajalein Atoll (USASDC)					503
	Kwajalein Atoll					
50846	Cold Storage Warehouse	11,000	11,000	C		505
	Subtotal Kwajalein Atoll PART I	\$ 11,000	11,000			
	* TOTAL MCA FOR Kwajalein	\$ 11,000	11,000			
Worldwide Various	Worldwide Various Locations (WORLDWD)					511
	Worldwide Various Locations					
53974	Classified Project	4,000	4,000			513
	Subtotal Worldwide Various Locations PART I	\$ 4,000	4,000			
	Minor Construction (MINEXG)					515
	Minor Construction					
47759	Unspecified Minor Construction	0	18,000			517
	Subtotal Minor Construction PART I	\$ 0	18,000			
	* TOTAL MCA FOR Worldwide Various	\$ 4,000	22,000			
** TOTAL OUTSIDE THE UNITED STATES FOR MCA		\$ 247,743	265,743			

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)  
 WORLDWIDE

STATE	INSTALLATION (COMMAND)		AUTHORIZATION APPROPRIATION		
-----	PROJECT	-----	REQUEST	REQUEST	PAGE
	NUMBER	PROJECT TITLE	-----	-----	-----
	-----	-----			
Worldwide Various		Planning and Design (PLANDES)			521
	40833	Host Nation Support	0	23,100	523
	54268	Planning and Design	0	134,098	525
			-----	-----	
		Subtotal Planning and Design PART I	\$ 0	157,198	
		* TOTAL MCA FOR Worldwide Various	\$ 0	157,198	
		** TOTAL WORLDWIDE FOR MCA	\$ 0	157,198	
		MILITARY CONSTRUCTION (PART I) TOTAL	\$ 1,558,673	1,760,541	

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FY 2002 MCA Construction Projects

State -----	Location -----	Project -----	Cost (\$000) -----	New / Current -----
Inside The United States				
Alabama	Anniston Army Depot	Rebuild Shop and Facility	2,850	C
Alabama	Anniston Army Depot	Component Maintenance Facility	2,300	C
Alabama	Redstone Arsenal	Dining Facility	7,200	C
Alabama	Fort Rucker	Commanche Simulator Training Facility	11,400	C
Alaska	Fort Richardson	Barracks Complex - D Street, Ph 1	45,000	C
Alaska	Fort Wainwright	Power Plant Cooling Tower	23,000	C
Alaska	Fort Wainwright	Assembly Building	4,200	C
Arizona	Fort Huachuca	Effluent Reuse System	6,100	C
Arkansas	Pine Bluff Arsenal	Ammunition Demilitarization Fac Ph VI	26,000	N
Colorado	Fort Carson	Barracks Complex - Nelson Blvd Ph I	25,000	C
Colorado	Pueblo Depot Activity	Ammunition Demilitaration Fac Ph -III	11,000	N
District of Columbia	Fort McNair	Physical Fitness Training Center	11,600	C
Georgia	Fort Benning	Runway Extension	6,900	C
Georgia	Fort Benning	Passenger Processing Facility	17,000	C
Georgia	Fort Gillem	Criminal Investigation Forensic Lab	29,000	C
Georgia	Fort Gillem	Explosive Ordnance Detachment Ops Bldg	5,600	C
Georgia	Fort Gordon	Information Systems Facility	11,000	C
Georgia	Fort Gordon	Vehicle Maintenance Facility	23,000	C
Georgia	Fort Stewart	Vehicle Maintenance Facility	13,600	C
Georgia	Fort Stewart	Education Center	16,000	C
Georgia	Fort Stewart	Soldier Service Center	10,200	C
Hawaii	Pearl Harbor	Shipping Operations Building	11,800	C
Hawaii	Schofield Barracks	Barracks Complex - Wilson Street PhIC	23,000	C
Hawaii	Pohakuloa Training Range	Command and Range Control Building	5,100	C
Hawaii	Wheeler Army Air Field	Barracks Complex - Aviation PH 6A	50,000	C
Indiana	Newport AAP	Ammunition Demilitarization Fac Ph IV	66,000	N
Kansas	Fort Riley	Modified Record Fire Range	4,100	C
Kansas	Fort Riley	Child Development Center	6,800	C
Kentucky	Blue Grass Army Depot	Ammunition Demilitarization Fac Ph II	3,000	N
Kentucky	Fort Campbell	Electrical Substation	10,000	C
Kentucky	Fort Campbell	Passenger Processing Facility	11,400	C
Kentucky	Fort Campbell	Barracks Complex - Market Garden Rd Ph 3	47,000	C
Kentucky	Fort Campbell	Expand Keyhole Hardstand	10,600	C
Kentucky	Fort Campbell	Deployment Staging Complex	3,300	C
Kentucky	Fort Campbell	Deployment Staging Complex/Rail	3,300	C
Kentucky	Fort Campbell	Deployment Staging Complex/Air	3,300	C
Louisiana	Fort Polk	Education Center	10,800	C
Louisiana	Fort Polk	Readiness and Operations Facility	10,400	C
Maryland	Aberdeen Proving Ground	Climatic Test Facility	9,000	C
Maryland	Aberdeen Proving Ground	Ammunition Surveillance Facility	5,300	C
Maryland	Aberdeen Proving Ground	Ammunition Demilitarization Fac Ph IV	66,500	N
Maryland	Aberdeen Proving Ground	Chemistry Laboratory - Edgewood Arsenal	44,000	C
Maryland	Fort Meade	Child Development Center	5,800	C
Missouri	Fort Leonard Wood	Record Fire Range	3,550	C
Missouri	Fort Leonard Wood	Night Fire Range	4,300	C
Missouri	Fort Leonard Wood	Basic Combat Training Complex Ph 2	27,000	C
New Jersey	Fort Monmouth	Barracks Complex	20,000	C
New York	Fort Drum	Hazardous Material Storage Facility	4,700	C
New York	Fort Drum	Tactical Equipment Shops	31,000	C
New York	Fort Drum	Field Operations Facility	2,150	C
New York	Fort Drum	Battle Simulation Center, Phase 2	9,000	C
New York	U S Military Academy	Cadet Physical Development Center Ph III	37,900	C

FY 2002 MCA Construction Projects

State	Location	Project	Cost (\$000)	New / Current
-----	-----	-----	-----	-----
Inside The United States				
North Carolina	Fort Bragg	Barracks Complex - Butner Rd Ph 2	49,000	C
North Carolina	Fort Bragg	Parachute Team General Purpose Building	7,700	C
North Carolina	Fort Bragg	Barracks Complex - Longstreet Rd Ph 2	27,000	C
North Carolina	Fort Bragg	Vehicle Maintenance Facility	13,600	C
North Carolina	Fort Bragg	Barracks Complex - Tagaytay Rd Ph2C	17,500	C
North Carolina	Sunny Point Mil Ocean Ter	Open Storage Area	2,050	C
North Carolina	Sunny Point Mil Ocean Ter	Road Improvements and Truck Pad	4,600	C
North Carolina	Sunny Point Mil Ocean Ter	Fire Station	2,750	C
North Carolina	Sunny Point Mil Ocean Ter	Deployment Staging Area	2,000	C
Oklahoma	Fort Sill	Deployment Staging Complex	5,100	C
South Carolina	Fort Jackson	Basic Combat Training Complex. PH 1	26,000	C
Texas	Fort Hood	Vehicle Maintenance Facility	12,200	C
Texas	Fort Hood	Vehicle Maintenance Facility	23,000	C
Texas	Fort Hood	Command and Control Facility, Phase 2	10,000	C
Texas	Fort Hood	Multi-purpose Digital Training Range Ph II	13,000	C
Texas	Fort Hood	Barracks Complex - 21003 Block	41,000	C
Texas	Fort Sam Houston	General Instruction Building	2,250	C
Virginia	Fort Belvoir	Chapel	4,950	C
Virginia	Fort Belvoir	Operations Building	31,000	C
Virginia	Fort Eustis	Field Operations Facility	1,750	C
Virginia	Fort Eustis	Main Pier	23,000	C
Virginia	Fort Lee	Airborne Training Facility	17,500	C
Virginia	Fort Lee	Military Entrance Processing Station	6,400	C
Washington	Fort Lewis	Deployment Staging Complex	15,500	C
Washington	Fort Lewis	Pallet Handling Facility	13,200	C
Washington	Fort Lewis	Barracks Complex - 17th & B Streets, Ph 1	48,000	C
Washington	Fort Lewis	Deployment Staging Complex/Rail	16,500	C
Washington	Fort Lewis	Combat Vehicle Trail	7,300	C
Washington	Fort Lewis	Ammunition Supply Point Expansion	17,000	C
Washington	Fort Lewis	Vehicle Maintenance Facility	9,100	C
Washington	Fort Lewis	Vehicle Maintenance Facility	9,600	C
Outside The United States				
Germany	Bamberg	Barracks Complex - Warner's 3	20,000	C
Germany	Bamberg	Physical Fitness Training Center	16,000	C
Germany	Baumholder	Vehicle Maintenance Facility	9,000	C
Germany	Darmstadt	Barracks Complex - Kelley 4163	6,800	C
Germany	Darmstadt	Barracks Complex - Cambrai Frit sch 4028	6,700	C
Germany	Heidelberg	Barracks Complex - Patton 114	6,800	C
Germany	Heidelberg	Barracks Complex - Tompkins 4253	8,500	C
Germany	Hanau	Barracks Complex - Pioneer 8	7,200	C
Germany	Mannheim	Vehicle Maintenance Facility	16,000	C
Germany	Wiesbaden	Child Development Center	6,800	C
Germany	Weisbaden	Physical Fitness Training Center	19,500	C
Korea	Camp Casey	Vehicle Maintenance Facility	8,500	C
Korea	Camp Carroll	Physical Fitness Training Center	8,593	C
Korea	Camp Carroll	Electrical Distribution System	8,000	C
Korea	Camp Hovey	Sanitary Sewer System	2,750	C
Korea	Camp Hovey	Barracks Complex - Camp Hovey	33,000	C
Korea	Camp Humphreys	Barracks Complex - Camp Humphreys	14,500	C
Korea	Camp Jackson	General Instruction Building	6,100	C
Korea	Camp Stanley	Barracks Complex - Camp Stanley	28,000	C

FY 2002 MCA Construction Projects

State -----	Location -----	Project -----	Cost (\$000) -----	New / Current -----
Outside the United States				
Kwajalein	Kwajalein Atoll	Cold Storage Warehouse	11,000	C
Worldwide Various	Planning and Design	Host Nation Support	23,100	
Worldwide Various	Planning and Design	Planning and Design	134,098	
Worldwide Various	Minor Construction	Unspecified Minor Construction	18,000	
Worldwide Various	Worldwide Various Locations	Classified Project	4,000	
Total Cost of New Mission projects ( 5 )			\$ 172,500	
Total Cost of Current Mission projects ( 98 )			\$ 1,408,843	
Total Cost of other line items ( 4 )			\$ 179,198	
Total Cost of FY 2002 MCA Projects (107 )			\$ 1,760,541	

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DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 2002

INSTALLATION LIST

INSTALLATION	A	MACOM	1390 PAGE
	A		
	---		
Aberdeen Proving Ground		AMC	213
Anniston Army Depot		AMC	3
	B		
	---		
Fort Belvoir		MDW	371
Fort Benning		TRADOC	81
Blue Grass Army Depot		AMC	171
Fort Bragg		FORSCOM	287
	C		
	---		
Fort Campbell		FORSCOM	177
Fort Carson		FORSCOM	59
	D		
	---		
Fort Drum		FORSCOM	265
	E		
	---		
Fort Eustis		TRADOC	383
	G		
	---		
Germany Various		USAREUR	431
Fort Gillem		FORSCOM	91
Fort Gordon		TRADOC	101
	H		
	---		
Fort Hood		FORSCOM	343

DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 2002

INSTALLATION LIST

INSTALLATION -----	MACOM -----	PAGE -----
Fort Sam Houston	MEDCOM	363
Fort Huachuca	TRADOC	43
J ---		
Fort Jackson	TRADOC	335
K ---		
Korea Various	EUSA	471
Kwajalein Atoll	USASDC	503
L ---		
Fort Lee	TRADOC	391
Fort Lewis	FORSCOM	401
M ---		
Fort McNair	MDW	73
Fort Meade	MDW	233
Minor Construction	MINEXG	515
Fort Monmouth	AMC	257
N ---		
Newport Army Ammunition Plant	AMC	151
P ---		
PEARL HARBOR	USARPAC	127
Pine Bluff Arsenal	AMC	51
Planning and Design	PLANDES	521
Fort Polk	FORSCOM	203
Pueblo Depot Activity	AMC	65

DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 2002

INSTALLATION LIST

INSTALLATION -----	MACOM -----	1390 PAGE ----
R ---		
Redstone Arsenal	AMC	13
Fort Richardson	USARPAC	27
Fort Riley	FORSCOM	159
Fort Rucker	TRADOC	19
S ---		
Schofield Barracks	USARPAC	133
Fort Sill	TRADOC	327
Fort Stewart	FORSCOM	113
Sunny Point Military Ocean Terminal	MMMC	309
U ---		
United States Military Academy	USMA	279
W ---		
Fort Wainwright	USARPAC	33
Wheeler Army Air Field	USARPAC	143
Fort Leonard Wood	TRADOC	241
Worldwide Various Locations	WORLDWD	511

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DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 2002

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME	AUTHORIZATION REQUEST	APPROPRIATION REQUEST
INSIDE THE UNITED STATES		
US Army Materiel Command	198,480	263,150
US Army Forces Command	702,950	669,450
US Army Training and Doctrine Command	151,400	138,000
US Army Military District of Washington	22,350	22,350
US Army Pacific	191,100	162,100
US Army Corps of Engineers	31,000	31,000
US ARMY MEDICAL COMMAND	2,250	2,250
Military Traffic Management Command	11,400	11,400
United States Military Academy	0	37,900
OUTSIDE THE UNITED STATES		
Various US Army Major Commands-Worldwide	4,000	4,000
Military Construciton, Army Minor	0	18,000
US Army Europe and Seventh Army	123,300	123,300
Eighth United States Army	109,443	109,443
US ARMY STRATEGIC MISSILE DEFENSE COMMAND	11,000	11,000
WORLDWIDE		
Planning and Design	0	157,198
 TOTAL	 1,558,673	 1,760,541

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## MILITARY CONSTRUCTION, ARMY

The military construction program for the active Army shown in the schedules of this title is summarized in the following tabulation:

<u>FISCAL YEAR</u>	<u>MILITARY CONSTRUCTION, ARMY APPROPRIATIONS (\$)</u>
FY 2000	\$1,036,645,000
FY 2001	934,185,000
FY2002	\$1,760,541,000

1. Major Construction. The MCA major construction program is one of the most visible means of improving the working and living conditions of the Army. This program provides for military construction projects in the United States and overseas as authorized in currently effective Military Construction Acts and in the new Authorization Request which will be presented to the Congress in 2001.

This request funds the Army's most critical facilities needs within the context of changing force structure and fiscal constraints. In the current year, investment is primarily directed toward facilities to improve readiness, such as strategic mobility and troop housing, along with construction necessary for environmental, revitalization, and mission essential requirements. This year's request also includes the Chemical Demilitarization Facilities program, which was transferred from the Secretary of Defense to the Secretary of the Army.

3. Minor Construction. Provision is made for construction of future unspecified projects that have not been individually authorized by law but are determined to be urgent requirements and do not cost more than the amounts specified in 10 USC 2805. Fiscal Year 1996 authorization language increased the amount specified for life, health, or safety threatening requirements to \$3 million. Projects awarded with these funds may not exceed \$1.5 million, or \$3.0 million if there is a threat to life, health, or safety.

4. Planning. This provides for necessary planning of military construction projects including design, host nation support, standards, surveys, studies, and other related activities. In general, design funds requested in fiscal year 2002 will be used to design future projects in the Army's fiscal years 2003 and 2004 programs.

Department of Defense  
MILITARY CONSTRUCTION, ARMY

Fiscal Year 2002

Military Construction, Army

For acquisition, construction, installation, and equipment of temporary or permanent public works, military installations, facilities, and real property for the Army as currently authorized by law, including personnel in the Army Corps of Engineers and other personal services necessary for the purposes of this appropriation, and for construction and operation of facilities in support of the functions of the Commander in Chief, **\$1,760,541,000**, to remain available until September 30, 2006: Provided, That of this amount, not to exceed **\$157,198,000**, shall be available for study, planning, design, architect and engineer services, and host nation support, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor:

(10 U.S.C. 2675, 2802-05, 2807, 2851-54, 2857; Military Construction Appropriations Act, 1999.)

Special Program Considerations  
Fiscal Year 2002

Contents

SECTION I – Advance Authorizations & Phased Appropriations

SECTION II - Items of Special Interest

SECTION III - Construction in Other Than Military Construction

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SECTION I  
ADVANCE  
AUTHORIZATIONS & PHASED APPROPRIATIONS  
FOR  
MILITARY CONSTRUCTION, ARMY (MCA)

The Army has requested that large military construction projects in the budget be phased funded over several years. In these cases, the Army requests full authorization in the first year of the phased project along with a request for appropriations for the first phase. In the following years, the budget requests funds by phase until all phases of the project are completed.

**Multi-phased Project Authorization.** This year's budget includes a request for phased funding for 15 projects. The table below details the status of these projects whether they have been previously authorized, or if they need new authorization. In some instances, the amount appropriated is less than authorized primarily because funding required for contingencies was not requested in all years. The asterisk (\*) identifies projects that require funding in future phases of construction. Charts are on the following pages.

<b>Phased Military Construction Projects</b> Excluding Ammunition Demilitarization projects							
Project (\$ millions)	Authorization		Appropriation				
	Prior	FY02	FY99	FY00	FY01	FY02	Future
<b>Alaska</b>							
Fort Richardson Barracks		97.0	-	-	-	45.0	*
<b>Colorado</b>							
Fort Carson Barracks		66.0	-	-	-	25.0	*
<b>Hawaii</b>							
Schofield Barracks Barracks	95.0	-	-	25.0	46.4	23.0	
<b>Missouri</b>							
Fort Leonard Wood Basic Combat Training Complex	61.2	4.4	-	-	38.6	27.0	
<b>New York</b>							
Fort Drum Battle Simulator	18.0	3.0	-	-	12.0	9.0	
U.S. Military Academy - Westpoint							
Arvin Physical Development Ctr	85.0	-	12.0	14.0	13.6	37.9	
<b>North Carolina</b>							
Fort Bragg Barracks							
Tagatay Rd	74.0	-	-	16.5	38.6	17.5	
Butner Road	130.0	-	-	-	26.0	49.0	*
Longstreet Rd	79.6	-	-	-	45.6	27.0	*
<b>South Carolina</b>							
Fort Jackson							
Basic Combat Training Complex	-	62.0	-	-	-	26.0	*
<b>Texas</b>							
Fort Hood Digital Range	26.0	3.0	-	-	16.0	13.0	
<b>Washington</b>							
Fort Lewis Barracks Complex - 17 <sup>th</sup> & B Streets	-	150.0	-	-	-	48.0	*

The asterisk (\*) identifies projects that require funding in future phases of construction.

<b><u>Phased Military Construction Projects</u></b> Ammunition Demilitarization							
Project (\$ millions)	Authorization		Appropriation				
	Prior	FY02	FY99 & Prior	FY00	FY01	FY02	Future
<b>Arkansas</b> Pine Bluff Arsenal	154.4	23.0	58.0	49.8	43.6	26.0	
<b>Colorado</b> Pueblo Army Depot	203.5	-	-	-	10.7	11.0	*
<b>Indiana</b> Newport Army Depot	189.6	-	11.5	35.9	34.4	66.0	*
<b>Kentucky</b> Blue-Grass Army Depot	195.8	47.2	-	-	-	3.0	*
<b>Maryland</b> Aberdeen Proving Ground	184.5	37.6	26.5	53.5	45.7	66.6	*

The asterisk (\*) identifies projects that require funding in future phases of construction.

## SECTION II

### ITEMS OF SPECIAL INTEREST

#### Environmental Protection

In accordance with Section 102(2) (c) of the National Environmental Policy Act of 1969 (PL 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the Military Construction Program.

#### Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

#### Floodplain Management and Wetlands Protection

Proposed land acquisitions, disposal, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

#### Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped persons are provided for, where appropriate, in the design of facilities included in this budget.

#### Preservation of Historical Sites and Structures

Facilities included in the program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

#### Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a life cycle cost economic analysis was prepared and the results indicated on the DD Form 1391. If there were no viable alternatives for analysis, then that is indicated on the DD Form 1391.

### Troop Housing

For all projects requesting new construction, in accordance with the Military Construction Appropriations Conference Report (#104-247, page 7), the Army certifies that new construction is warranted over renovation for each individual barracks complex project. As a part of the Army's economic analysis of each project in the budget, the Army only requests appropriations for those projects which are more economical to build new rather than to renovate.

### Alternative Funding Sources for Overseas Projects

Conference Report No. 100-498 (Making Further Continuing Appropriations for the Fiscal Year Ending September 30, 1988), page 1003 directs that future budgets request an eligibility certificate for each project requested in Europe, Japan, and Korea. All overseas projects were considered for funding in Europe by NATO Security Investment Program, in Japan by the Facilities Improvement Program, and in Korea by either the Combined Defense Improvement Projects or the Republic of Korea Funded Construction programs.

### Construction and Basing Plans for New Major Army Weapon Systems

Section 2828 of Public Law 102-190, the fiscal year 1992 Authorization Act, directs the Department of Defense to provide a full siting plan for each new major weapon system when the first increment of military construction is requested and that full siting plans for the systems be provided with the annual budget request. For the Army, there are no new major weapon systems being introduced in the fiscal year 2002 Budget. Therefore, no siting plans are required.

## **Items of Interest - Authorizing Committees**

### ***Senate Armed Services Committee - Report #106-292***

#### Presidio Housing, Golden Gate National Recreation Area, California

On page 395, the Committee directed the Army to develop a long term agreement and report on status of negotiations by March 15, 2001. This report was provided to the committee on 15 March 2001.

#### Report on requirement for Education Center at Fort Stewart, Georgia

On page 417, the Committee directed the Army to study the requirement for and feasibility of funding construction of an education center at Fort Stewart. This report was provided to the committee in February 2001.

### ***House Armed Services Committee - Report #106-616***

#### Condition of Barracks to Support Basic Training

On page 455, the Committee asked for a report on the current plans and programs to improve the condition of barracks to support basic training. The Army has nearly completed a new standard design for Basic Training Complexes, which will meet the future needs of our trainees. One such complex is funded at Fort Leonard Wood, phased in FY 2001 and FY 2002. Basic Training Complexes are included in the Army Facility Strategy (AFS) which focuses long term investment in critical areas, such as basic training. The FY 2002 budget includes two Basic Combat Training Complexes, at Fort Leonard Wood and Fort Jackson.

#### Planning and Design

On page 456, the Committee directed the Secretary of the Army to complete planning and design for the powertrain modernization facility at Anniston Army Depot (\$1.6 million), and a basic trainee barracks complex at Fort Jackson, SC (\$4.32 million). Design on both projects has been initiated and the projects have been included in the Army's Future Years Defense Program (FYDP).

#### Unspecified Minor Construction

On page 456, the Committee directed the Secretary of the Army to execute a project for multimedia learning centers at the United States Military Academy, New York (\$500,000). The project has been placed under design and a construction contract award is planned in the fourth quarter of fiscal year 2001.

***House Armed Services Committee – Report #106-616 (Continued)***

Military Housing Privatization Initiative

On page 465, the Committee directed the Secretary of the Army to assess the impact of military housing at Fort Carson on the local education agencies and infrastructure and report the findings and recommendations with the fiscal year 2002 budget submission. The Army is submitting that report as requested.

***Armed Services Conference Report #106-945***

Kaiserslautern, Germany: Water Quality

On page 758, the Conferees directed the Army to submit findings and recommendations on the water contamination issue at Kaiserslautern concurrent with the fiscal year 2002 budget request. The report was submitted on January 22, 2001.

## Items of Interest – Military Construction Appropriations Committees

### *House Appropriations Committee - Report #106-614*

#### Joint Use Facilities

On page 7, the Committee directed the Services to consider military construction projects for joint use potential in the fiscal year 2002 budget. This directive was modified by the Conferees to be required with the submission of next year's fiscal year 2003 Budget. However, DD Forms 1391 for projects in this year's budget include a statement on joint use.

#### Minor Construction

On pages 13-14, the Committee directed the Army to make FY01 funds available out of the minor construction account for the following projects:

<u>State</u>	<u>Location</u>	<u>Project</u>	<i>Not less than:</i> <u>(\$ thousands)</u>	<u>Status</u>
NY	Military Academy	Multi-media Learning Center	500	Under design for award in FY01
WA	Fort Lewis	Vancouver Barracks	1,500	Awarded

#### Planning and Design

On pages 13-14, the Committee directed the Army to accelerate the design of the following projects and include them in the fiscal year 2002 budget request:

<u>State</u>	<u>Location</u>	<u>Project</u>	<i>Not less than:</i> <u>(\$ thousands)</u>	<u>Status</u>
AL	Anniston Army Depot	Powertrain/Flexible Maintenance Center	unspecified	Under Design
KY	Bluegrass Army Depot	Consolidated Shipping Center	unspecified	Under Design
BE	Mons, Belgium	SHAPE Barracks	unspecified	FY04 (See note.)

NOTE. The Army has programmed upgrade or replacement of barracks at SHAPE in Mons, Belgium and the Chievres Air Base in Belgium for fiscal year 2004. This program year is based on current funding levels while applying "worst-first" criteria to all barracks requirements across the United States Army, Europe. Without additional funding, acceleration of Belgian barracks into an earlier fiscal year would be to the detriment of soldiers in the European theater whose demonstrated needs are greater.

***House Appropriations Committee - Report #106-614 (Continued)***Family Housing Office – Mons, Belgium

On page 30, the Committee directed the Army to establish a housing office at SHAPE which finds suitable homes, makes arrangements with owners and facilitates the process for U. S. personnel and serve as the liaison with the SHAPE housing office on behalf of U. S. personnel. In June 2000, the Army opened a completely renovated U.S. Central Processing Facility (CPF) where soldiers and families can now receive support with quarters assignments, assistance in obtaining leases through the Government Housing Rental Program, furnishing support, as well as Temporary Lodging Allowance support. The proximity of the CPF and the SHAPE International Housing Office (SIHO) has significantly enhanced the working relationships and coordination between staffs. The Army continues to be committed to providing responsive support to U.S. personnel assigned to SHAPE. Together with the SIHO, they have implemented improvements with the goal to bring about better and more responsive customer service for soldiers and their families during their relocation process.

California – East Fort Baker

On page 38, the Committee directed the Army to select and perform cleanup activities at East Fort Baker and provide a timetable for such activities. Cleanup activities at East Fort Baker remain on track, and all required remedial actions to support the Army transfer of the installation's 93 acres to the National Park Service have been completed. The Army continues to work with the State and Federal regulatory agencies and the National Park Service on documentation regarding cleanup and the transfer of East Fort Baker. Removal actions at five sites accomplished during 2000 were successful in remediating those sites. Sampling at PCB transformers and an old firing range area late in 2000 indicated that minor removal actions were required. The additional removal action efforts were completed during June 2001. The Army has recommended no further action for East Fort Baker including the contamination of sediments of Horseshoe Bay. The Army's proposal of no further action for Horseshoe Bay was based on the results of the chemical and biological sampling, which indicated only marginal ecological effects over a portion of the bay. For the most part the ecological effects appear to be associated with creosote pilings used in dock structures. Sampling of Horseshoe Bay indicates that at some locations where contamination does exist, it exists at lower concentrations on the surface, when compared to concentrations at a four-foot depth. The draft decision document is being prepared for public comment. The public comment period for this decision document is expected to end in mid August. A memorandum of agreement for all transfer issues is currently in internal Army review prior to negotiations between the Army and the National Park Service. The actual transfer date will depend on this negotiation.

Family Housing Master Plans

On page 27 and in Section 128 of the Act, the services were directed to submit a Family Housing Master Plan to the Committees by July 1, 2001. The Army's plan is on track and will be submitted separately from the budget in July.

***Senate Appropriations Committee - Report #106-290***

Minor Construction

On page 15, the Committee directed the Army to make FY00 funds available out of the minor construction account for the following projects:

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Not less than: (\$ thousands)</u>	<u>Status</u>
AK	Fort Richardson	Fire Station Addition	1,500	Scheduled for award in fourth quarter 2001
AK	Fort Wainwright	Birch Hill Trail & Lighting	280	Scheduled for award in fourth quarter 2001
AK	Fort Wainwright	Biathlon Live Fire Course	900	Scheduled for award in fourth quarter 2001
NM	White Sands MR	Certified Chemical Lab	1,000	Awarded 1 Jun 01
WA	Fort Lewis	Vancouver Barracks	1,500	Awarded 27 Apr 01

Planning & Design

On pages 15-16, the Committee directed the Army to make FY01 funds available for design of the following projects:

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Not less than: (\$ thousands)</u>	<u>Status</u>
AL	Anniston AD	Powertrain Mod	1,600	Under Design
	Fort Rucker	RAH-66 Training Fac	2,000	FY02 Budget
AK	Fort Richardson	Modified MOUT/Range	2,500	Under Design
UT	Dugway PG	Michael Army Airfield	2,500	Under Design

***Appropriations Conference - Report #106-710***Kansas – Fort Leavenworth: Bell

On page 88, the conferees note the deteriorating condition of Bell Hall, the central academic and instructional facility of the Army's Command and General Staff College. The cost to maintain the current physical plant is no longer cost effective and its communications capabilities are significantly constrained. The conferees encourage the Army to include this replacement in the FY 2002 budget submission. The Army is developing a new institutional training strategy that will impact on the professional development of mid-career officers. Training requirements emerging from this strategy, to include supporting Army Transformation, will directly impact the Command and General Staff College's mission. These training requirements will not be finalized before the second quarter fiscal year 2001. The Bell Hall project must be scoped to address these new training requirements. To accommodate the sequencing of these decisions, the Army has inserted the Bell Hall project in its FY 2004 MCA program.

Pennsylvania: Letterkenny Army Depot – Missile Igloo Modifications

On page 88, the Conferees directed that not less than \$112,000 be made available for the design of the Missile Igloo Modifications a Letterkenny Army Depot, PA. The Army has initiated design of this project.

Virginia: Fort Belvoir – Potomac Heritage National Scenic Trail

On page 88, the Conferees directed the Army to provide not less than \$500,000 of the funds provided for unspecified minor construction for the multi-use trail system at Fort Belvoir. The total cost of this project exceeds the unspecified minor construction limitation of \$1.5 million and cannot be constructed under the authority provided by 10 USC 2805. Separate notification to Congress has already been accomplished.

RPM (Now referred to as Sustainment, Restoration & Modernization (SRM)) Reporting Requirements

On page 87, the Conferees directed the Secretary of the Army to submit 21-day notification prior to carrying out any repair project with an estimated cost on excess of \$7.5 million. Army has incorporated this new reporting threshold in its standard operating procedures and so far in fiscal year 2001, there have been four repair projects that exceed \$7,500,000.

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### SECTION III

#### CONSTRUCTION FUNDED IN OTHER THAN MILITARY CONSTRUCTION

Appropriated Funds. Conference Report No. 100-498, Making Further Continuing Appropriations for the Fiscal Year Ending September 30, 1988 directed that an information exhibit be included with each year's budget request identifying construction accomplished with appropriations other than MILCON. The information is provided in this section:

A. Procurement

B. Research, Development, Testing and Evaluation (RDTE)

CONSTRUCTION FUNDED IN OTHER THAN MILCON – FY02  
(\$000)

## A. Procurement

<u>Location</u>	<u>Project Title</u>	<u>Budget Estimate</u>
Iowa AAP, IA	Completion of Yard L Docks	3,618
	Contaminated Waste Processor	4,630
	Replace 1-62 Heat Plant	1,857
	Replace Electrical Services – General Area	1,182
	Replace Water Main and Services – L/Shops	3,171
	Sewer Rehabilitation Continuation	3,825
	Remote Fire Alarms – Lines 2, 3A, and 800	1,175
	Replace Electrical Services – line 3A	1,216
	Install Air Conditioning (AC) for 120 Tank Load, Assemble and Pack (LAP)	600
	Line 3A Water Main	1,510
	Renovate Administration Building 100-101, Ph 3	1,515
	PSR – Replace Sprinkler Pipe, Yard L Warehouse	<u>861</u>
	Subtotal Iowa	25,160
10 <sup>th</sup> MTN Div, Fort Drum, NY	Facility upgrades to establish Contractor Logistics Support (CLS) Forward Repair Activity (FRA) (Upgrade electrical services, environmental and maintenance equipment, and heating/cooling).	11,000
Radford AAP, VA	Acid Wastewater Treatment Facility, Ph 1	2,424
	Hazardous Waste Tanks for A,B,C-Line Wastewater Plants	4,500
	Replace Walls/Joints at Coal Storage	2,500
	PSR – Replace Barricades, Phase 1	697
	PSR – Underground Piping Building 3002 to 3686	526
	PSR – Replace Barricades, Phase 2	<u>765</u>
Subtotal Virginia	11,412	
Lonestar AAP, TX	Upgrade Sediment Basin at High Explosive Detonation Ground (HEDG)	1,161

1-508 <sup>TH</sup> Italy	Facility upgrades to establish Contractor logistics Support (CLS) Forward Repair Activity (FRA) (Upgrade electrical services, environmental and maintenance equipment, and heating/cooling).	11,000
	Total PAA	<u>\$59,733</u>

B. Other Appropriations (Minor Construction)

Research, Development, Testing and Evaluation (RDTE)		<u>1,200</u>
	Total Other Appropriations	\$60,933

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
-----	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
PROJECT	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
NUMBER	-----	-----	-----	-----	-----
Alabama	Anniston Army Depot (AMC)				3
47839	Rebuild Shop and Facility	2,850	2,850	C	5
50522	Component Maintenance Facility	2,300	2,300	C	9
	Subtotal Anniston Army Depot PART I	\$ 5,150	5,150		
	Redstone Arsenal (AMC)				13
46719	Dining Facility	7,200	7,200	C	15
	Subtotal Redstone Arsenal PART I	\$ 7,200	7,200		
	Fort Rucker (TRADOC)				19
19484	Comanche Simulator Training Facility	11,400	11,400	C	21
	Subtotal Fort Rucker PART I	\$ 11,400	11,400		
	* TOTAL MCA FOR Alabama	\$ 23,750	23,750		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001				
3. INSTALLATION AND LOCATION  Anniston Army Depot Alabama			4. COMMAND  US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX  0.84					
6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 2000	7	41	2716	0	0	0	0	0	1551	4,315	
B. END FY 2006	6	41	2639	0	0	0	0	0	1379	4,065	
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....	6,183 ha			(15,279 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							1,343,321				
C. AUTHORIZATION NOT YET IN INVENTORY.....							388,450				
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							5,150				
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							0				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							79,029				
H. GRAND TOTAL.....							1,815,950				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT		PROJECT TITLE				COST	DESIGN STATUS				
CODE	NUMBER					(\$000)	START	COMPLETE			
214	47839	Rebuild Shop and Facility				2,850	06/2001	12/2002			
214	50522	Component Maintenance Facility				2,300	02/2000	10/2001			
					TOTAL	5,150					
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY		PROJECT TITLE				COST					
CODE					(\$000)						
A. INCLUDED IN THE FY 2003 PROGRAM: NONE											
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
To operate a supply depot for the receipt, storage, and issue of assigned commodities, i.e., general supply and ammunition, strategic and critical materials, shelter supplies, war reserve stock, etc. To operate a depot maintenance facility for the repair, overhaul, modification, and conversion of assigned commodities, i.e., combat and tactical vehicles, artillery, small arms, ammunition, missiles, etc. To provide installation support to attached organizations, and to operate assigned facilities.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:											
						(\$000)					
A. AIR POLLUTION						0					





1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Anniston Army Depot, Alabama		
4. PROJECT TITLE  Rebuild Shop and Facility	5. PROJECT NUMBER  47839	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>the Bradley and the MLRS, all tracked vehicles used by DoD are supported here. This building is the primary facility at Anniston for the disassembly and reassembly of all combat vehicles. It is a large, open, multi-purpose building, encompassing over 240,000 square feet with 14 overhead bridge cranes on multiple levels. In addition to the disassembly and reassembly operations performed in this building, two large computer numeric controlled (CNC) gantry machining centers as well as other large conventional machine tools for performing machining operations on the hulls and turrets are located in this building. To test various components during the reassembly operations, the combat vehicle engines must be operated for extended periods of time. This results in these noxious engine exhaust fumes being breathed by the workers in this area as well as by workers in other parts of the building. This condition has become an even larger concern since the US Environmental Protection Agency (EPA) has proposed classifying diesel exhaust as a probable human carcinogen. Also located in this building are combat vehicle hull and turret welding and cutting operations. These cutting and welding operations produce fumes, which contain metals such as cadmium, nickel, and chrome. Due to the high cadmium concentration in the immediate work area, the welders performing these operations must wear Occupational Safety and Health Association (OSHA) approved protective hoods with forced fresh air, as an interim measure to satisfy OSHA requirements temporarily. This diversity of operations being performed exposes the approximately 320 employees working in this building to these vehicle exhaust.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the workers in this building will continue to be exposed to hazardous airborne contaminants. This will result in Anniston not being able to provide a work area that meets OSHA standards without the use of respiratory protection and other protective clothing and equipment. In accordance with OSHA and other standards, respiratory protection should only be used as an interim until engineering controls can be installed, or when they are not feasible. The continued exposure of the workers to these fumes could result in increased respiratory and other health problems. In FY 2000 Anniston settled a Union complaint over working conditions in this building for \$1.8 million. Failure to implement further corrective actions to reduce employee exposure to welding and diesel fumes in this building could result in additional liability cost in the future.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. No anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget</p>		



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Anniston Army Depot, Alabama
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4. PROJECT TITLE  Rebuild Shop and Facility	5. PROJECT NUMBER  47839
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: Mike Mathews  
Phone Number: DSN 571-4148

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Anniston Army Depot Alabama				4.PROJECT TITLE Component Maintenance Facility		
5.PROGRAM ELEMENT  72896A		6.CATEGORY CODE  214	7.PROJECT NUMBER  50522		8.PROJECT COST (\$000) Auth                    2,300 Approp                 2,300	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,780
Declassification/Repair Fac.		m2 (SF)	629.88 ( 6,780)		2,782	(1,752)
IDS Installation		LS	--		--	(11)
Building Information Systems		LS	--		--	(17)
<u>SUPPORTING FACILITIES</u>						314
Electric Service		LS	--		--	(74)
Paving, Walks, Curbs & Gutters		LS	--		--	(13)
Storm Drainage		LS	--		--	(19)
Site Imp( 180) Demo( )		LS	--		--	(180)
Information Systems		LS	--		--	(8)
Antiterrorism/Force Protection		LS	--		--	(20)
ESTIMATED CONTRACT COST						2,094
CONTINGENCY PERCENT (5.00%)						<u>105</u>
SUBTOTAL						2,199
SUPV, INSP & OVERHEAD (5.70%)						<u>125</u>
TOTAL REQUEST						2,324
TOTAL REQUEST (ROUNDED)						2,300
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a facility for the repair and demilitarization of the classified M1 Abrams turret armor. The facility is required to meet the current OSHA requirement for exposure of employees to cadmium/arsenic materials. The facility will include a one ton heating, ventilation and air conditioning (HVAC). Install an intrusion detection system (IDS). Demolish six existing ventilation units positioned on concrete slabs. Supporting facilities include water, gas, electrical, and steam utilities. Access for the handicapped will be provided. Anti-terrorism/force protection measures will include structural improvements.						
11. REQ:                    151,545 m2    ADQT:                    112,529 m2    SUBSTD:                    39,016 m2						
<u>PROJECT:</u> Construct a new facility for the repair and demilitarization of classified armor. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to meet current and projected workload, security, and safety requirements. The existing facilities are inadequate both in size, safety, and security protection. Currently, operations are being performed in two locations. The existing facilities do not meet security requirements. Additionally, the extensive torch cutting, air arcing, and heavy welding operations required in the performance of this work, produce large amounts of toxic smoke and fumes. The classified armor						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Anniston Army Depot, Alabama

4. PROJECT TITLE  Component Maintenance Facility	5. PROJECT NUMBER  50522
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REQUIREMENT: (CONTINUED)  
demilitarization process requires heating a polyester resin. The Industrial Hygiene Officer has identified the decomposing resin as being irritating to the eyes, nose, and throat of the employees in the secured facilities.  
CURRENT SITUATION: Anniston is currently performing the operations in substandard facilities. This work is being done in an unsuitable, poorly ventilated area, allowing cadmium and arsenic fumes to migrate and contaminate surrounding work areas. Security measures which apply to armor demilitarization, are not being met with the current system.  
IMPACT IF NOT PROVIDED: If this project is not provided, Anniston Army Depot employees must continue to work in substandard facilities. Workers will continue to be exposed to toxic fumes, and current OSHA requirements will not be met. Also, the security protection of the classified armor demilitarization process will remain inferior.  
ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... FEB 2000
  - (b) Percent Complete As Of January 2001..... 30.00
  - (c) Date 35% Designed..... JAN 2001
  - (d) Date Design Complete..... OCT 2001
  - (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ YES
  - (f) Type of Design Contract: Design-bid-build
  - (g) An energy study and life cycle cost analysis will be documented during the final design.
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 115
  - (b) All Other Design Costs..... 65

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Anniston Army Depot, Alabama

4.PROJECT TITLE  Component Maintenance Facility	5.PROJECT NUMBER  50522
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c) Total Design Cost.....	<u>180</u>
(d) Contract.....	<u>          </u>
(e) In-house.....	<u>180</u>
(4) Construction Contract Award.....	<u>DEC 2001</u>
(5) Construction Start.....	<u>JAN 2002</u>
(6) Construction Completion.....	<u>FEB 2003</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: Mr. Greg Reeves  
Phone Number: 205 235-6155

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001				
3. INSTALLATION AND LOCATION  Redstone Arsenal Alabama			4. COMMAND  US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX  0.86					
6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 2000	291	491	8410	20	919	18	118	69	12325	22,661	
B. END FY 2006	273	488	6630	27	884	34	118	62	12661	21,177	
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....	15,342 ha			(37,910 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							2,497,768				
C. AUTHORIZATION NOT YET IN INVENTORY.....							120,850				
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							7,200				
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							3,400				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							39,190				
H. GRAND TOTAL.....							2,668,408				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS					
CODE	NUMBER			(\$000)		START		COMPLETE			
722	46719	Dining Facility		7,200		06/2001		12/2002			
				TOTAL		7,200					
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY		PROJECT TITLE		COST							
CODE					(\$000)						
A. INCLUDED IN THE FY 2003 PROGRAM:											
319	Vibration Dynamic Test Facility				3,400						
				TOTAL		3,400					
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
<p>Headquarters of US Army Missile Command, the principle commodity center for the research, development, and acquisition effort on rockets, guided missiles and related systems and equipment. Home of the Army Missile and Munitions Training Center and School which conducts missile and munitions (Ordnance) training. Home of the U.S Army Test, Measurement and Diagnostic Equipment (TMDE) Support Group. Also home of the Redstone Arsenal Rocket Engine Facility which produces solid propellant rocket engines.</p>											

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001								
INSTALLATION AND LOCATION: Redstone Arsenal Alabama										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$352,010, based on the Installation Status Report Information on conditions as of October 2000.</p>										

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Redstone Arsenal Alabama				4.PROJECT TITLE Dining Facility		
5.PROGRAM ELEMENT  72896A		6.CATEGORY CODE  722	7.PROJECT NUMBER  46719		8.PROJECT COST (\$000) Auth                    7,200 Approp                 7,200	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,407
Dining Facility		m2 (SF)	2,559 ( 27,550)		2,037	(5,212)
Antiterrorism Force Protection		LS	--		--	(164)
Building Information Systems		LS	--		--	(31)
<u>SUPPORTING FACILITIES</u>						811
Electric Service		LS	--		--	(52)
Water, Sewer, Gas		LS	--		--	(22)
Steam And/Or Chilled Water Dist		LS	--		--	(173)
Paving, Walks, Curbs & Gutters		LS	--		--	(99)
Storm Drainage		LS	--		--	(23)
Site Imp( 115) Demo( 283)		LS	--		--	(398)
Information Systems		LS	--		--	(5)
Antiterrorism/Force Protection		LS	--		--	(39)
ESTIMATED CONTRACT COST						6,218
CONTINGENCY PERCENT (5.00%)						<u>311</u>
SUBTOTAL						6,529
SUPV, INSP & OVERHEAD (5.70%)						372
DESIGN/BUILD - DESIGN COST						<u>261</u>
TOTAL REQUEST						7,162
TOTAL REQUEST (ROUNDED)						7,200
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design dining facility for 501 to 800 personnel. Supporting facilities include utilities; electric service; relocation of steam and condensate lines; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Anti-terrorism/force protection measures include installation of fragment retention film on glass, bollards, and a berm. Access for the handicapped will be provided. Heating will be provided from an existing central steam plant. Air conditioning (140 tons) will be provided by a self contained unit. Demolish existing dining facility, 25,783 SF (2,395 SM), to include asbestos removal. Provide comprehensive building and furnishings related interior design services.						
11. REQ:		2,558 m2	ADQT:	NONE	SUBSTD:	2,395 m2
PROJECT: Construct a standard-design dining facility to replace the existing deteriorating facility. (Current Mission)						
REQUIREMENT: This project is required to provide a dining facility in support of the Whole Barracks Renewal Program. The new facility will improve service to the soldier by providing the most efficient operational layout and energy efficient design possible. It will provide the soldier with a pleasant, relaxing, and inviting atmosphere in which to dine. This project will improve						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Redstone Arsenal, Alabama		
4. PROJECT TITLE  Dining Facility	5. PROJECT NUMBER  46719	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>the quality of life for the soldiers and students at Redstone Arsenal. The facility primarily serves the US Army Ordnance Missile and Munitions Center and School (OMMCS) and the Noncommissioned Officer Academy (NCO) Academy. Service is also provided to local Reserve, National Guard and ROTC units during training.</p> <p><u>CURRENT SITUATION:</u> The existing dining facility was built in 1960 and does not meet current construction and Army standards. The facility is in poor condition and requires extensive repair. The roof frequently leaks, drains are constantly clogging and backup, and the electrical system is overloaded. Heating, ventilation and air conditioning system is ineffective in providing the proper climate in the dining room. The kitchen is not air conditioned and equipment is antiquated and continually needing repair. The antiquated wood refrigeration units have a persistent mold and mildew problem. Refrigeration, freezer and semiperishable items storage space is inadequate. Kitchen floor quarry tile is worn and finish is gone allowing dirt, food and grease to be ground into the tile making it difficult to meet minimum sanitation levels. Pest control is a constant struggle. The kitchen layout, and facility layout in general, does not lend itself for a most efficient operation. Facility does not have fire alarm or protection system other than dry-chem at vent hoods. The dining room is too small and soldiers constantly have to wait for a place to sit even though operating hours have been extended. Dining room lighting is inadequate. The dining facility interior decor is old, faded, and outdated.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, personnel will continue to dine in an antiquated, substandard, unpleasant and uninviting facility. Soldiers will continue to wait extended periods for a place to sit and eat their meals. Due to the layout that the facility currently lends itself, operations will continue at a less than optimum efficiency. The facility will continue to operate at a substandard for energy efficiency. The overall condition of the facility will continue to deteriorate driving up utilities and maintenance costs. The overloaded electrical system, clogged drains and sanitation difficulties will eventually lead to safety, health and environmental problems beyond control. This potentially could result in closure of the facility. Above all, the morale of the soldier will begin to suffer as well.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. Joint Use Certification: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project</p>		



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Redstone Arsenal, Alabama
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4. PROJECT TITLE  Dining Facility	5. PROJECT NUMBER  46719
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Dwain Elder  
Phone Number: (205) 876-3516

1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM					2. DATE 30 JUN 2001				
3. INSTALLATION AND LOCATION  Fort Rucker Alabama			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  0.81					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000		1155	2017	1874	1506	512	2	36	31	4243	11,376
B. END FY 2006		1157	2021	1627	1815	572	1	36	31	4121	11,381
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		25,593 ha		(63,241 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							1,467,662				
C. AUTHORIZATION NOT YET IN INVENTORY.....							24,690				
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							11,400				
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							0				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							35,937				
H. GRAND TOTAL.....							1,539,689				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT						COST		DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)		START	COMPLETE		
171	19484	Comanche Simulator Training Facility				11,400		08/2000	09/2001		
						TOTAL		11,400			
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY						COST					
CODE	PROJECT TITLE				(\$000)						
A. INCLUDED IN THE FY 2003 PROGRAM: NONE											
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
Provides facilities and support for the Army Aviation Center and School whose mission is to provide individual pilot training for all fixed wing and rotary wing aircraft and advanced doctrines and techniques.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:											
						(\$000)					
A. AIR POLLUTION						0					
B. WATER POLLUTION						0					
C. OCCUPATIONAL SAFETY AND HEALTH						0					

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Rucker Alabama		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$164,928,000, based on the Installation Status Report Information on conditions as of October 1999. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$226,946, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Rucker Alabama				4.PROJECT TITLE Commanche Simulator Training Facility		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 171	7.PROJECT NUMBER 19484		8.PROJECT COST (\$000) Auth                    11,400 Approp                 11,400	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						9,025
RAH-66 Training Building		m2 (SF)	5,944 ( 63,977)		1,400	(8,324)
EMCS Connection		LS	--		--	(10)
IDS Installation		LS	--		--	(30)
Building Information Systems		LS	--		--	(661)
<u>SUPPORTING FACILITIES</u>						1,182
Electric Service		LS	--		--	(152)
Water, Sewer, Gas		LS	--		--	(23)
Paving, Walks, Curbs & Gutters		LS	--		--	(627)
Storm Drainage		LS	--		--	(21)
Site Imp( 116) Demo( 94)		LS	--		--	(210)
Information Systems		LS	--		--	(50)
Antiterrorism/Force Protection		LS	--		--	(99)
ESTIMATED CONTRACT COST						10,207
CONTINGENCY PERCENT (5.00%)						<u>510</u>
SUBTOTAL						10,717
SUPV, INSP & OVERHEAD (5.70%)						<u>611</u>
TOTAL REQUEST						11,328
TOTAL REQUEST (ROUNDED)						11,400
INSTALLED EQT-OTHER APPROP						(43,126)
10.Description of Proposed Construction      Construct a flight simulator/academic training facility, providing three each RAH-66 combat mission simulator (motion based) systems and two each RAH-66 cockpit procedural trainer systems. Install an intrusion detection system (IDS). Connect energy monitoring and control system (EMCS). Supporting facilities include extension of and connection to existing utilities; electric service; security lighting; fire protection and alarm systems; parking, walks, curbs and gutters; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (257 tons) will be provided by self-contained systems. Demolish one temporary building in the construction footprint (1,695 m2). Anti-terrorist/force protection (AT/FP) include barriers, and electronic entry control.						
11. REQ:                    8,524 m2    ADQT:                    2,580 m2    SUBSTD:                    NONE						
<u>PROJECT:</u> Construct an RAH-66 flight simulator/academic training facility providing three each RAH-66 simulator motion systems and two each RAH-66 cockpit procedural trainer system. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to provide facilities in support of resident RAH-66 Commanche pilot training and an Early Operational Capability (EOC) Unit at Fort Rucker. The first Commanches are scheduled for fielding to						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Rucker, Alabama

4. PROJECT TITLE  Commanche Simulator Training Facility	5. PROJECT NUMBER  19484
---	--------------------------------

REQUIREMENT: (CONTINUED)

Fort Rucker for EOC and Aircraft Qualification Course (AQC). After mastering the controls and handling characteristics, aviators advance to training on actual RAH-66 Commanche helicopters. Annual Training Load is 600 students.  
CURRENT SITUATION: Training aviators on the RAH-66 helicopter is a new mission for the Army at Fort Rucker. The RAH-66 Commanche remains the Army's highest aviation modernization priority. This program meets the requirement for a rapidly deployable, armed reconnaissance aircraft to support the Army's recently approved aviation modernization plan. A total of 78 Commanche aircraft will be utilized and maintained at Fort Rucker in support of Commanche operational training requirements. There are no existing facilities available to accommodate these simulators.

IMPACT IF NOT PROVIDED: If this project is not provided, Army aviators may not be adequately trained to operate the RAH-66 Commanche helicopter under armed reconnaissance, security and attack missions across the range of military distributed operations, including combat. This project provides critically needed facilities to conduct simulator and academic training on the new Commanche helicopter. Without this project very costly additional flight hours and aircraft will be required to accomplish the training. Initial aviator training for the new aircraft will occur in the simulators, thus avoiding damage or injury that would occur if actual Commanche helicopters were used.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2000
- (b) Percent Complete As Of January 2001..... 30.00
- (c) Date 35% Designed..... FEB 2001
- (d) Date Design Complete..... SEP 2001
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Rucker, Alabama

4.PROJECT TITLE  Commanche Simulator Training Facility	5.PROJECT NUMBER  19484
--	-------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)  
documented during the final design.

- (2) Basis:  
(a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |     |
|---|-----|
| (a) Production of Plans and Specifications..... | 600 |
| (b) All Other Design Costs.....                 | 200 |
| (c) Total Design Cost.....                      | 800 |
| (d) Contract.....                               |     |
| (e) In-house.....                               | 800 |
- (4) Construction Contract Award..... NOV 2001
- (5) Construction Start..... DEC 2001
- (6) Construction Completion..... OCT 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
RAH-66 Combat Simulators	RDT&E	2004	41,076
Furnishings	OPA	2004	1,174
Info Sys - ISC	OPA	2002	134
Info Sys - PROP	OPA	2002	742
		TOTAL	43,126

Installation Engineer: COL Sheldon L. Jahn  
Phone Number: 334 255-9511

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Alaska	Fort Richardson (USARPAC)				27
52830	Barracks Complex - D Street, Ph 1	97,000	45,000	C	29
	Subtotal Fort Richardson PART I	\$ 97,000	45,000		
	Fort Wainwright (USARPAC)				33
53735	Power Plant Cooling Tower	23,000	23,000	C	35
54033	Assembly Building	4,200	4,200	C	38
	Subtotal Fort Wainwright PART I	\$ 27,200	27,200		
	* TOTAL MCA FOR Alaska	\$ 124,200	72,200		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001			
3. INSTALLATION AND LOCATION  Fort Richardson Alaska			4. COMMAND  US Army Pacific			5. AREA CONSTRUCTION COST INDEX  1.59				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	536	2711	1342	0	38	0	11	0	700	5,338
B. END FY 2006	547	3041	1324	0	37	0	11	0	700	5,660
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	29,572 ha		(73,074 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....										2,553,940
C. AUTHORIZATION NOT YET IN INVENTORY.....										18,850
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....										97,000
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....										0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....										30,000
G. REMAINING DEFICIENCY.....										34,500
H. GRAND TOTAL.....										2,734,290
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE				COST	DESIGN STATUS			
CODE	NUMBER					(\$000)	START	COMPLETE		
721	52830	Barracks Complex - D Street, Ph 1				45,000	03/2000	09/2001		
					TOTAL	45,000				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE				COST				
CODE						(\$000)				
A. INCLUDED IN THE FY 2003 PROGRAM:										
721	Barracks Complex - D Street Phase 3A				22,000					
					TOTAL	22,000				
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
10. MISSION OR MAJOR FUNCTIONS:										
The mission is to deploy rapidly worldwide in defense of United States national interests and objectives, and to defend the state of Alaska, including the Aleutian Islands, from any adversary.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:										
					(\$000)					
A. AIR POLLUTION					0					
B. WATER POLLUTION					0					
C. OCCUPATIONAL SAFETY AND HEALTH					0					

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Richardson Alaska		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$433,327,000, based on the Installation Status Report Information on conditions as of October 2000. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$433,327, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Richardson Alaska			4.PROJECT TITLE Barracks Complex - D Street, Ph 1			
5.PROGRAM ELEMENT 22696A		6.CATEGORY CODE 721	7.PROJECT NUMBER 52830		8.PROJECT COST (\$000) Auth                    97,000 Approp                 45,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						32,156
Barracks		m2 (SF)	5,064 ( 54,508)		2,003	(10,142)
Dining Facility		m2 (SF)	2,117 ( 22,787)		3,187	(6,748)
Company Operations Facilities		m2 (SF)	6,504 ( 70,008)		2,113	(13,741)
Antiterrorism Force Protection		LS	--		--	(306)
IDS Installation		LS	--		--	(76)
Total from Continuation page						(1,143)
<u>SUPPORTING FACILITIES</u>						8,003
Electric Service		LS	--		--	(1,891)
Water, Sewer, Gas		LS	--		--	(1,005)
Paving, Walks, Curbs & Gutters		LS	--		--	(691)
Storm Drainage		LS	--		--	(648)
Site Imp( 1,211) Demo( 1,158)		LS	--		--	(2,369)
Information Systems		LS	--		--	(679)
Antiterrorism/Force Protection		LS	--		--	(720)
ESTIMATED CONTRACT COST						40,159
CONTINGENCY PERCENT (5.00%)						<u>2,008</u>
SUBTOTAL						42,167
SUPV, INSP & OVERHEAD (6.50%)						<u>2,741</u>
TOTAL REQUEST						44,908
TOTAL REQUEST (ROUNDED)						45,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      The Army is requesting full authorization of \$97 million for this phased project. The Army's plan is to construct all phases of this complex under one contract. This phase will construct one barracks building; one dining facility; three large sized company operations facilities; and five medium sized company operations facilities. Connect energy monitoring and control systems (EMCS) in all facilities. Supporting facilities include building information system, fire suppression system, exterior lighting; paving; parking areas; recreational areas; walks; curbs; gutters; erosion control measures and site improvements. Relocation and extension of water distribution; sanitary and storm water sewerage. Provide asbestos cleanup. Access for the handicapped will be provided. Anti-terrorism/force protection (AT/FP) include structural reinforcements, thermal treated glazing and bollards. Comprehensive interior design is required. The supporting facility cost is high due to demolition and high utility construction costs at Fort Richardson. Heat will be supplied by individual gas-fired building heating plants. Demolish five buildings (260,969 SF).						
11. REQ:		685 PN	ADQT:	197 PN	SUBSTD:	2,150 PN
PROJECT: Construct one barracks building, one dining facility, three						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Richardson, Alaska

4. PROJECT TITLE Barracks Complex - D Street, Ph 1	5. PROJECT NUMBER 52830
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connection	LS	--	--	(486)
Building Information Systems	LS	--	--	(657)
			Total	1,143

PROJECT: (CONTINUED)

large-sized company operations facilities, and five medium-sized company operations facilities. Demolish five buildings and construct utility infrastructure and site improvements. (Current Mission)

REQUIREMENT: This Whole Barracks Renewal project is required to replace aging substandard living and community facilities, providing housing and associated support facilities for the unaccompanied personnel assigned to Fort Richardson. The project provides replacement housing for 134 enlisted personnel (124 E1-E4, 10 E5-E6) who are currently living in substandard barracks housing. Maximum utilization for the proposed barracks is 144 enlisted personnel. There are no facilities on or off-post that can satisfy the current unaccompanied personnel enlisted housing (UEPH) requirements. The dining facility shall be sized for 251 - 500 personnel, as it will serve the entire Fort Richardson UPEH population. The existing operational dining facility is an outdated, undersized venue that is located within one of the existing barracks that will be demolished with this project. The other non-operational dining facility on Fort Richardson is also located within a barracks that will be demolished in support of this project. The company operations facilities will replace old facilities that are located within existing barracks that will be demolished in this project and under companion projects in FY 2003 and FY 2004 respectively.

CURRENT SITUATION: The existing unaccompanied enlisted personnel housing on Fort Richardson was constructed in 1951 and 1952. These concrete structures were constructed with open bays and gang latrines. Several building upgrades have been accomplished to the facilities since that time. The open bays have been partitioned into sleeping rooms and various other improvements have been made to the latrines. Still, the heating and ventilation systems are inadequate and inefficient, the rooms are too small, the interior aesthetics are bleak, and there are chronic noise problems due to the structural composition of the buildings. Interior climate control is virtually non-existent. In some Fort Richardson Barracks the soldiers must still use gang latrines and showers. The discomfort and inconvenience to soldiers has a great effect on efficiency and morale. This situation is exacerbated at Fort Richardson, where during the long, dark, and cold winter, troops spend a lot of time in their quarters. This condition undermines efforts to retain quality soldiers. The facilities were not designed to current seismic standards and

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
------------------------	---	---------------------------

3.INSTALLATION AND LOCATION  
  
Fort Richardson, Alaska

4.PROJECT TITLE  Barracks Complex - D Street, Ph 1	5.PROJECT NUMBER  52830
--	-------------------------------

CURRENT SITUATION:    (CONTINUED)

are expensive to retrofit and or reconfigure. The existing operable dining facility is located in an old barracks building that is scheduled for demolition and replacement. This heavily utilized dining facility is undersized and substandard.

IMPACT IF NOT PROVIDED:    If this project is not provided, soldiers will continue to occupy substandard living quarters. Failure to replace the existing operable dining facility will result in the continued situation in which Soldiers are required to eat in a cramped, unappealing venue. Additionally, failure to replace the dining facility and to construct the company operations facilities will interfere with follow on phases of the Fort Richardson Barracks Renewal Program. If this project is not provided, personnel assigned to substandard barracks will continue to lack those amenities in their living quarters currently recognized as standard for enlisted unaccompanied Army personnel. Keeping the old inefficient buildings would constitute an increasing drain on installation maintenance, repair, and fuel budgets. Dissatisfaction with the quality-of-life and, therefore, with Army service would continue. Retention rates for these highly trained and skilled support soldiers would continue to decline.

ADDITIONAL:    This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required antiterrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$1.1M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Richardson. Upon completion of this multithased project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is for 488 personnel at maximum utilization at this installation.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:
    - (a) Date Design Started..... MAR 2000
    - (b) Percent Complete As Of January 2001..... 30.00
    - (c) Date 35% Designed..... FEB 2001
    - (d) Date Design Complete..... SEP 2001

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Richardson, Alaska

4. PROJECT TITLE Barracks Complex - D Street, Ph 1	5. PROJECT NUMBER 52830
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Fort Richardson

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 2,000
- (b) All Other Design Costs.....
- (c) Total Design Cost..... 2,000
- (d) Contract..... 800
- (e) In-house..... 1,200

(4) Construction Contract Award..... DEC 2001

(5) Construction Start..... MAR 2002

(6) Construction Completion..... OCT 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested (\$000)</u>

NA

Installation Engineer: LTC Richard Thompson  
Phone Number: 907 384-3000

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001																																												
3. INSTALLATION AND LOCATION  Fort Wainwright Alaska	4. COMMAND  US Army Pacific	5. AREA CONSTRUCTION COST INDEX  2.01																																												
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">6. PERSONNEL STRENGTH:</td> <td style="width:10%;">PERMANENT</td> <td style="width:10%;">STUDENTS</td> <td style="width:10%;">SUPPORTED</td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>TOTAL</td> </tr> <tr> <td>A. AS OF 30 SEP 2000</td> <td>563</td> <td>4258</td> <td>666</td> <td>0</td> <td>0</td> <td>0</td> <td>6</td> <td>44</td> <td>1010</td> <td>6,547</td> </tr> <tr> <td>B. END FY 2006</td> <td>546</td> <td>4033</td> <td>666</td> <td>0</td> <td>0</td> <td>0</td> <td>6</td> <td>44</td> <td>1010</td> <td>6,305</td> </tr> </table>			6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED									OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	A. AS OF 30 SEP 2000	563	4258	666	0	0	0	6	44	1010	6,547	B. END FY 2006	546	4033	666	0	0	0	6	44	1010	6,305
6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED																																											
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL																																				
A. AS OF 30 SEP 2000	563	4258	666	0	0	0	6	44	1010	6,547																																				
B. END FY 2006	546	4033	666	0	0	0	6	44	1010	6,305																																				
7. INVENTORY DATA (\$000)																																														
A. TOTAL AREA..... 383,058 ha (946,553 AC)																																														
B. INVENTORY TOTAL AS OF 30 SEP 2000..... 2,829,082																																														
C. AUTHORIZATION NOT YET IN INVENTORY..... 68,780																																														
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM..... 27,200																																														
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM..... 0																																														
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY)..... 0																																														
G. REMAINING DEFICIENCY..... 117,800																																														
H. GRAND TOTAL..... 3,042,862																																														
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:																																														
CATEGORY PROJECT						COST		DESIGN STATUS																																						
CODE	NUMBER	PROJECT TITLE				(\$000)	START	COMPLETE																																						
740	54033	Assembly Building				4,200	06/2001	12/2002																																						
821	53735	Power Plant Cooling Tower				23,000	01/2001	01/2003																																						
TOTAL						27,200																																								
9. FUTURE PROJECT APPROPRIATIONS:																																														
CATEGORY						COST																																								
CODE						PROJECT TITLE (\$000)																																								
A. INCLUDED IN THE FY 2003 PROGRAM: NONE																																														
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																																														
10. MISSION OR MAJOR FUNCTIONS:																																														
Ft Wainwright houses and provides installation support for Headquarters, 2nd Brigade, and the Aviation Brigade of the 6th Inf Div (Lt).																																														
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:																																														
										(\$000)																																				
A. AIR POLLUTION										0																																				
B. WATER POLLUTION										0																																				
C. OCCUPATIONAL SAFETY AND HEALTH										0																																				

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Wainwright Alaska		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$839,408, based on the Installation Station Report Information on conditions as of October 2000.		



1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Wainwright, Alaska		
4. PROJECT TITLE  Power Plant Cooling Tower	5. PROJECT NUMBER  53735	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>efficiency. Past attempts to enhance pond efficiency through spray operations have resulted in the accelerated growth of plant life, thus further reducing the pond thermodynamic efficiency. Other factors such as high ground water in the vicinity of the pond may also have a deleterious impact on the pond efficiency, in-fact providing a thermodynamic short-circuit. No enhancements to the heat rejection capacity of the pond are anticipated to improve the aforementioned winter fog generation problem. This fog is a liability to the Army, in that under certain meteorological conditions, the generation of fog will impact traffic on the nearby Richardson Highway, which is located south of the plant and airfield operations to the north of the plant. The Army has already paid on a claim stemming from a traffic accident associated with the fog.</p> <p><u>CURRENT SITUATION:</u>    The existing 500,000 SF cooling pond provides the only heat rejection function for the Fort Wainwright Central Heating and Power Plant. The reduced summer performance of the pond results in the requirement to run the plant at a significantly reduced efficiency. Additionally, tremendous fog is generated every winter. Depending on meteorological conditions, this fog does have a deleterious impact on traffic safety, both on and off post. Fog generated in the winter requires all drivers to exercise extreme caution, by reducing speeds or avoiding the impacted routes. Additionally, extreme care must be taken when transiting road surfaces glazed by ice fog generated "Black Ice."</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, an air cooled condenser system for the existing CHPP will result in the continuation of the situation in which the summer operation efficiency is compromised. Failure to address the fog generation problem does represent a significant liability to the Army, should fog related traffic fatalities occur. The generation of the ice-fog, and the resulting ice on the road surface risks the safety of Army personnel.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and no physical security measures are required. No anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Wainwright, Alaska

4.PROJECT TITLE  Power Plant Cooling Tower	5.PROJECT NUMBER  53735
--	-------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JAN 2001
  - (b) Percent Complete As Of January 2001..... .00
  - (c) Date 35% Designed..... OCT 2002
  - (d) Date Design Complete..... JAN 2003
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 440
  - (b) All Other Design Costs..... 280
  - (c) Total Design Cost..... 720
  - (d) Contract..... 460
  - (e) In-house..... 260
  
- (4) Construction Contract Award..... AUG 2002
  
- (5) Construction Start..... JAN 2003
  
- (6) Construction Completion..... JAN 2005

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: Michael T. Meeks  
Phone Number: (907) 353-7287

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Wainwright Alaska	4. PROJECT TITLE Assembly Building
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5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 740	7. PROJECT NUMBER 54033	8. PROJECT COST (\$000) Auth 4,200 Approp 4,200
------------------------------	-------------------------	----------------------------	---

9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				2,859
Auditorium, General Purpose	m2 (SF)	1,161 ( 12,500)	2,407	(2,795)
Building Information Systems	LS	--	--	(64)
<b>SUPPORTING FACILITIES</b>				745
Electric Service	LS	--	--	(94)
Water, Sewer, Gas	LS	--	--	(30)
Steam And/Or Chilled Water Dist	LS	--	--	(28)
Paving, Walks, Curbs & Gutters	LS	--	--	(100)
Site Imp( 57) Demo( )	LS	--	--	(57)
Information Systems	LS	--	--	(238)
Antiterrorism/Force Protection	LS	--	--	(38)
Utilidor	LS	--	--	(160)
ESTIMATED CONTRACT COST				3,604
CONTINGENCY PERCENT (5.00%)				180
SUBTOTAL				3,784
SUPV, INSP & OVERHEAD (6.50%)				246
DESIGN/BUILD - DESIGN COST				151
TOTAL REQUEST				4,181
TOTAL REQUEST (ROUNDED)				4,200
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct an assembly building with administrative area, storage, mechanical spaces, food vending area, and toilets. The major part of the building will provide an assembly area to support deployment briefings for military prior to deployments and any other functions requiring large audience briefings. Supporting facilities include utilities, fire protection and alarm system, paving, parking, information systems, and site improvement. Heating will be provided by the coal-fired central plant. Access for the handicapped will be provided. Anti-Terrorism/Force Protection measures include laminated windows, and traffic control barriers.

11. REQ: 2,601 m2 ADQT: NONE SUBSTD: 948 m2  
PROJECT: Construct an assembly building (750 person seating) to support briefings for deployments and military operations at Fort Wainwright, Alaska. (Current Mission)  
REQUIREMENT: This project is required to provide an assembly building for large-scale briefings as part of the US Army's pre-deployment activities at Fort Wainwright. The assembly building will enable US Army forces to rapidly depart from Fort Wainwright to the Joint Mobility Complex at Eielson Air Force Base, then deploy from Alaska to the Pacific theater to conduct crisis and contingency operations. This project will provide an area and seating for

1.COMONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Wainwright, Alaska

4.PROJECT TITLE  Assembly Building	5.PROJECT NUMBER  54033
--	-------------------------------

REQUIREMENT: (CONTINUED)  
units to assemble for large-scale deployment and operations briefings.  
CURRENT SITUATION: There are no large, adequate facilities for large-scale briefings in facilities at Fort Wainwright. Units must conduct smaller unit briefings in facilities located throughout the installation. The largest facilities at Fort Wainwright are aircraft hangars, however, these facilities are not suitable for briefing large audiences and do not provide adequate heating and infrastructure required to protect soldiers from Alaska's challenging climate. Furthermore, these hangars will be used for other deployment activities during crisis and contingency operations.  
IMPACT IF NOT PROVIDED: If this project is not provided, deployments will be delayed since units must continue to conduct briefings in small groups, and require longer lead times to disseminate information. These conditions will continue to negatively impact the ability to rapidly deploy on crisis and contingency operations.  
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	<u>JUN 2001</u>
(b) Percent Complete As Of January 2001.....	<u>.00</u>
(c) Date 35% Designed.....	<u>SEP 2002</u>
(d) Date Design Complete.....	<u>DEC 2002</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(f) Type of Design Contract: Design-build	
(2) Basis:	
(a) Standard or Definitive Design: NO	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>112</u>
(b) All Other Design Costs.....	<u>71</u>
(c) Total Design Cost.....	<u>183</u>

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Wainwright, Alaska

4. PROJECT TITLE Assembly Building	5. PROJECT NUMBER 54033
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract.....	<u>117</u>
(e) In-house.....	<u>66</u>
(4) Construction Contract Award.....	<u>JUL 2002</u>
(5) Construction Start.....	<u>DEC 2002</u>
(6) Construction Completion.....	<u>DEC 2003</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Michael T. Meeks  
Phone Number: (907) 353-7287

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
-----	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
PROJECT	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
NUMBER	-----	-----	-----	-----	-----
Arizona	Fort Huachuca (TRADOC)				43
53871	Effluent Reuse System	6,100	6,100	C	45
	Subtotal Fort Huachuca PART I	\$ 6,100	6,100		
	* TOTAL MCA FOR Arizona	\$ 6,100	6,100		

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM					2. DATE 30 JUN 2001				
3. INSTALLATION AND LOCATION  Fort Huachuca Arizona			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  1.00					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000		604	3440	2094	402	2312	13	63	168	3970	13,066
B. END FY 2006		576	3250	1939	432	1931	6	63	142	3970	12,309
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		41,087 ha			(101,529 AC)						
B. INVENTORY TOTAL AS OF 30 SEP 2000.....											1,669,731
C. AUTHORIZATION NOT YET IN INVENTORY.....											43,455
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....											6,100
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....											0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....											0
G. REMAINING DEFICIENCY.....											81,700
H. GRAND TOTAL.....											1,800,986
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT							COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE					(\$000)	START	COMPLETE		
847	53871	Effluent Reuse System					6,100	09/2000	09/2001		
						TOTAL	6,100				
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY							COST				
CODE	PROJECT TITLE					(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM: NONE											
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
<p>The current mission of Fort Huachuca is to provide logistical, administrative, legal, financial, supply, and community service support to tenant organizations including an Army Major Field Command (US Army Information Systems Command, USAISC), an USAISC Major Subcommand Headquarter element (Information Systems Engineering Command), 11th Signal Brigade, an Army Major Class II Activity (US Army Electronic Proving Ground), a Major TRADOC Activity (Army Intelligence Center and School), several Department of Defense Activities to include the Joint Test Element of the Joint Tactical Command, Control and Communications Agency, area AMC and FORSCOM Activities, and approximately 20 other tenant elements.</p>											

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001								
INSTALLATION AND LOCATION: Fort Huachuca Arizona										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$358,630,000, based on the Installation Status Report Information on conditions as of October 2000. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$358,630, based on the Installation Status Report Information on conditions as of October 2000.</p>										

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Huachuca Arizona			4.PROJECT TITLE Effluent Reuse System			
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 847	7.PROJECT NUMBER 53871		8.PROJECT COST (\$000) Auth                    6,100 Approp                 6,100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Upgrade Three Storage Ponds		L (GA)	12113318 ( 3200000)		. 4	5,537 (484)
1 MG Steel Tank		EA	1 --		612,000	(612)
Booster Stations, 3 EA		LS	--		--	(741)
Cooling/Heating Connect		LS	--		--	(61)
Chlorination		EA	2 --		47,150	(94)
Total from Continuation page						(3,545)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						
CONTINGENCY PERCENT (5.00%)						5,537
SUBTOTAL						277
SUPV, INSP & OVERHEAD (5.70%)						5,814
TOTAL REQUEST						331
TOTAL REQUEST (ROUNDED)						6,145
INSTALLED EQT-OTHER APPROP						6,100 (0)
10.Description of Proposed Construction      In FY 2000 Congress authorized and appropriated \$6 million (Project Number 46756). This phase completes the project. Construct a distribution system to use treated effluent for irrigation and building cooling. Distribution system will expand the existing treated effluent system, to include adding a third pump at the Waste Water Treatment Plant (WWTP), upgrade one booster station, construct one additional booster station, cover three existing treated storage ponds, one storage tank, and the necessary piping and valves to make the system operational. Replace failed or failing sewer mains and laterals and select certain large buildings within the cantonment to be connected to the treated effluent system for providing cooling and heating through the towers and heat exchangers.						
11. REQ:      12,113,318 L      ADQT:      NONE      SUBSTD:      NONE						
PROJECT: Construct an effluent reuse (irrigation) system to obtain maximum use of treated effluent. (Current Mission)						
REQUIREMENT: This project is required to implement the Fort Huachuca Water Resources Management Plan, prepared October 1995. Project development will allow use of treated effluent for building cooling and irrigation, reducing the installation's dependency on ground water pumped from deep wells. This project will expand an existing treated effluent irrigation system cantonment						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Huachuca, Arizona

4. PROJECT TITLE  Effluent Reuse System	5. PROJECT NUMBER  53871
---	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Reclaimed Water Control	EA	6 --	18,150	(109)
Irrigation System	LS	--	--	(1,798)
Weather Sta Connect	LS	--	--	(61)
Req Permits/APP	LS	--	--	(27)
Sewer Mains/Laterals	LS	--	--	<u>(1,550)</u>
			Total	3,545

REQUIREMENT: (CONTINUED)

wide.

CURRENT SITUATION: Currently the installation irrigates 240 of the 6,500 acres with treated effluent, and the balance of lands requiring irrigation (approximately 700 acres) are irrigated with potable water based on a strict use policy. Waste Water Treatment Plant #2 produces on a monthly average 112.0 acre feet of effluent; and of this volume 45.7 acre feet are used to irrigate the 240 acres. The unused volume (66.3 acre feet) of effluent is piped to east range ponds to be evaporated or is ultimately recharged into the ground through natural percolation processes. Recharged effluent replenishes a regional aquifer used by the installation and other San Pedro River Basin partners, as a primary source of potable water. The total volume of water in this aquifer is being consumed at a rate faster that natural processes can replenish needed supply. The water table is dropping, and the installation's 13 wells, drilled to an average of 350 to 400 feet, will need to be deepened if current rates of regional consumption continue. Every gallon of available effluent not used to meet the installation's irrigation needs, means a gallon of potable water pumped from depth.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Huachuca will continue to use potable water as a primary irrigation source, thus placing itself in potential conflict or in a position of non-compliance with a Biological Opinion (BO) (prepared by the US Department of the Interior, Fish and Wildlife Service, pursuant to Section 7 of the Endangered Species Act of 1973 (October 27, 1999)). Fort Huachuca will also continue to consume water at a rate faster than it can be replenished. The installation will attempt to mitigate a "zero" balance for potable water usage but will not be able to achieve a zero balance in water usage without this project.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, no antiterrorism/force proection measures are required. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION:



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  Fort Huachuca, Arizona
--

4. PROJECT TITLE  Effluent Reuse System	5. PROJECT NUMBER  53871
---	--------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: John Ruble  
Phone Number: 520 533-3141

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	CURRENT MISSION	PAGE
-----	-----	-----	-----	-----	-----
Arkansas	Pine Bluff Arsenal (AMC)				51
55082	Ammunition Demilitarization Fac Ph VI	23,000	26,000	N	53
	Subtotal Pine Bluff Arsenal PART I	\$ 23,000	26,000		
	* TOTAL MCA FOR Arkansas	\$ 23,000	26,000		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001			
3. INSTALLATION AND LOCATION  Pine Bluff Arsenal Arkansas			4. COMMAND  US Army Materiel Command				5. AREA CONSTRUCTION COST INDEX  0.89			
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	8	29	991	4	9	0	0	2	1289	2,332
B. END FY 2006	6	28	1045	0	0	0	0	2	1103	2,184
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....			6,047 ha			(14,943 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							1,005,220			
C. AUTHORIZATION NOT YET IN INVENTORY.....							87,421			
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							23,000			
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							17,000			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							8,500			
G. REMAINING DEFICIENCY.....							75,150			
H. GRAND TOTAL.....							1,216,291			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT						COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)	START	COMPLETE		
216	55082	Ammunition Demilitarization Fac Ph VI				26,000	08/1989	04/1994		
					TOTAL	26,000				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY						COST				
CODE	PROJECT TITLE				(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM:										
216	Non-Stockpile Chem Munitions Fixed Fac				2,000					
					TOTAL	2,000				
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):										
216	Non-Stockpile Chem Materia				7,700					
216	Non-Stockpile Chem Materia				800					
					TOTAL	8,500				
10. MISSION OR MAJOR FUNCTIONS:										
To operate and maintain production, preproduction, and limited production facilities for the filling, loading, assembly, and manufacturing of assigned materiel; to receive, store, perform surveillance, renovate, demilitarize and ship supplies and equipment for the Army and other government agencies; to support research, development, engineering and environmental activities of other US Army Materiel Command (AMC) activities as required; to provide support as required to other US Army Armament, Munitions and										



1.COMONENT DEF (DA)		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Pine Bluff Arsenal Arkansas			4.PROJECT TITLE Ammunition Demilitarization Fac Ph VI			
5.PROGRAM ELEMENT 72896A	6.CATEGORY CODE 216	7.PROJECT NUMBER 55082		8.PROJECT COST (\$000) Auth                    23,000 Approp                 26,000		
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						125,906
Munition Demil Building		m2 (SF)	6,952 (	74,828)	11,773	(81,844)
Process & Utility Building		m2 (SF)	2,006 (	21,588)	5,221	(10,472)
Container Handling Building		m2 (SF)	2,915 (	31,381)	5,061	(14,755)
Personnel Support Complex		m2 (SF)	905.06 (	9,742)	4,146	(3,753)
Medical/Maint. Building (Rehab)		m2 (SF)	351.27 (	3,781)	6,530	(2,294)
Total from Continuation page						(12,788)
<u>SUPPORTING FACILITIES</u>						33,936
Electric Service		LS	--	--	--	(19,077)
Water, Sewer, Gas		LS	--	--	--	(3,564)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(6,269)
Storm Drainage		LS	--	--	--	(916)
Site Imp( 3,501) Demo(            )		LS	--	--	--	(3,501)
Information Systems		LS	--	--	--	(609)
ESTIMATED CONTRACT COST						159,842
CONTINGENCY PERCENT (5.00%)						<u>7,992</u>
SUBTOTAL						167,834
SUPV, INSP & OVERHEAD (5.70%)						<u>9,567</u>
TOTAL REQUEST						177,401
TOTAL REQUEST (ROUNDED)						177,401
INSTALLED EQT-OTHER APPROP						(77,265)
10.Description of Proposed Construction      Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations which are split over more than one fiscal year. This request is for Increment VI (\$26.0 million), the last phase. Increment I (Project Number (PN) 2920, \$3.0 million) was approved in FY 95, Increment II (PN 45423, \$46.0 million) was approved in FY 97, Increment III (PN 47258, \$9.0 million) was approved in FY 99, Increment IV (PN 47259, \$49.8 million) was approved in FY 2000, Increment V (PN 50551, \$43.6M) was approved in FY 2001. This project, at full funding and authorization, will expand and modify the existing 3-Quinuclidinyl Benzilate (BZ) demilitarization (demil) site to process lethal (toxic) chemical agents and munitions. Construct a munitions demilitarization building (MDB) with blast containment and adjacent pad for ventilation filters; a container handling building (CHB) connected to the MDB by an enclosed corridor; a process utilities building (PUB) with bulk chemical storage, brine reduction and a boiler room; a laboratory for physical and chemical analysis; and office/storage space and laboratory for non-US inspectors and associated US escorts. Renovate existing BZ multi-purpose building to accommodate expanded medical requirements. Expand the existing personnel complex and install an intrusion detection system (IDS). Supporting facilities include additional utilities; electric service; paving, walks, curbs and gutters; access roads; security fencing and gates;						

1. COMPONENT DEF (DA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Pine Bluff Arsenal, Arkansas

4. PROJECT TITLE Ammunition Demilitarization Fac Ph VI	5. PROJECT NUMBER 55082
---	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Entry Control Bldg (Rehab)	m2 (SF)	76.65 ( 825)	600.82	(46)
Laboratory	m2 (SF)	880.16 ( 9,474)	8,867	(7,804)
Security Kiosk	m2 (SF)	11.15 ( 120)	8,839	(99)
IDS Installation	LS	--	--	(1,054)
BZ Control Room (Rehab)	m2 (SF)	216.46 ( 2,330)	14,452	(3,128)
Building Information Systems	LS	--	--	(657)
			Total	12,788

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

storm drainage; fire protection and alarm systems; information systems; fuel distribution; and site improvements. Heating will be provided by natural gas units. Air conditioning (540 tons) will be provided by self-contained units.

11. REQ: 14,659 m2 ADQT: 2,674 m2 SUBSTD: 2,314 m2

PROJECT: Expand and modify the existing demil plant and construct a munitions demil facility. (New Mission)

REQUIREMENT: This project is required to provide the capability to demilitarize and dispose of the toxic chemical agents and munitions stored at this location in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile. The Army submitted an Implementation Plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.

CURRENT SITUATION: Rockets and mines containing lethal chemical agents are stored in igloos at the installation. One-ton containers of lethal chemical agents are stored outdoors. Some of these munitions currently exhibit an accelerated rate of deterioration. These munitions are of no strategic value, but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available and the facility used to demilitarize the BZ chemical agent cannot be used unless expanded and modified.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to comply with the Congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agents and munitions deteriorate with age. The threat to the health of Arsenal employees and the environment will continue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. An economic analysis

1.COMONENT  DEF (DA)	<b>FY 2002 MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Pine Bluff Arsenal, Arkansas

4.PROJECT TITLE  Ammunition Demilitarization Fac Ph VI	5.PROJECT NUMBER  55082
--	-------------------------------

ADDITIONAL: (CONTINUED)  
has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Unilateral construction funding is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... AUG 1989
  - (b) Percent Complete As Of January 2001..... 100.00
  - (c) Date 35% Designed..... OCT 1989
  - (d) Date Design Complete..... APR 1994
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... \_\_\_\_\_
  - (b) All Other Design Costs..... 16,340
  - (c) Total Design Cost..... 16,340
  - (d) Contract..... 10,360
  - (e) In-house..... 5,980
  
- (4) Construction Contract Award..... JUL 1997
  
- (5) Construction Start..... JAN 1999
  
- (6) Construction Completion..... JAN 2002

1. COMPONENT DEF (DA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Pine Bluff Arsenal, Arkansas

4. PROJECT TITLE Ammunition Demilitarization Fac Ph VI	5. PROJECT NUMBER 55082
---	----------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Process Equipment	CAMD.D	1993	8,254
Process Equipment	CAMD.D	1995	44,845
Process Equipment	CAMD.D	1996	10,000
Process Equipment	CAMD.D	1997	10,596
Process Equipment	CAMD.A	1999	2,295
Process Equipment	CAMD.A	2000	50
Process Equipment	CAMD.A	2001	1,225
		TOTAL	<u>77,265</u>

Installation Engineer: Mr. Gene Thomas  
Phone Number: 501 540-3301

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	MISSION PAGE
----- PROJECT NUMBER -----	----- PROJECT TITLE -----	REQUEST	REQUEST		
		-----	-----		-----
Colorado	Fort Carson (FORSCOM)				59
31357	Barracks Complex - Nelson Blvd Ph1	66,000	25,000	C	61
	Subtotal Fort Carson PART I	\$ 66,000	25,000		
	Pueblo Depot Activity (AMC)				65
47261	Ammunition Demilitaration Fac Ph-III	0	11,000	N	67
	Subtotal Pueblo Depot Activity PART I	\$ 0	11,000		
	* TOTAL MCA FOR Colorado	\$ 66,000	36,000		

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM					2. DATE 30 JUN 2001			
3. INSTALLATION AND LOCATION  Fort Carson Colorado			4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  1.06				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	1619	13012	1890	8	20	0	23	99	2581	19,252
B. END FY 2006	1687	13609	1806	8	20	0	23	99	2481	19,733
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	151,070 ha		(373,300 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....										2,448,358
C. AUTHORIZATION NOT YET IN INVENTORY.....										72,815
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....										66,000
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....										23,320
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....										0
G. REMAINING DEFICIENCY.....										145,931
H. GRAND TOTAL.....										2,756,424
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS				
CODE	NUMBER			(\$000)		START	COMPLETE			
721	31357	Barracks Complex - Nelson Blvd Ph1		25,000		12/2000	10/2001			
				TOTAL		25,000				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE					(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM:										
141	Deployment Staging Complex				22,500					
721	Barracks Complex - Nelson Blvd, Ph 2				38,200					
149	Truck Loading/Unloading Docks				820					
				TOTAL		61,520				
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
10. MISSION OR MAJOR FUNCTIONS:										
Support and training of the 4th Infantry Division (Mechanized) and other non-divisional units. Ensure the most efficient use of resources to operate Fort Carson and accomplish all assigned missions and support of tenant activities. Command of all assigned and attached units; organize and train all units to ensure combat readiness. Provide command and control of the Pinon Canyon maneuver site. Ensure that Fort Carson is prepared for mobilization.										



1.COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Carson Colorado			4.PROJECT TITLE Barracks Complex - Nelson Blvd Ph1			
5.PROGRAM ELEMENT 22696A		6.CATEGORY CODE 721	7.PROJECT NUMBER 31357		8.PROJECT COST (\$000) Auth                    66,000 Approp                 25,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						19,380
Barracks		m2 (SF)	10,083 ( 108,528)		1,561	(15,737)
Soldier Community Building		m2 (SF)	1,450 ( 15,608)		1,561	(2,263)
Special Foundations		LS	--		--	(660)
EMCS Connection		LS	--		--	(100)
Antiterrorism Force Protection		LS	--		--	(325)
Building Information Systems		LS	--		--	(295)
<u>SUPPORTING FACILITIES</u>						2,946
Electric Service		LS	--		--	(462)
Water, Sewer, Gas		LS	--		--	(373)
Paving, Walks, Curbs & Gutters		LS	--		--	(436)
Storm Drainage		LS	--		--	(452)
Site Imp( 1,080) Demo(            )		LS	--		--	(1,080)
Information Systems		LS	--		--	(143)
ESTIMATED CONTRACT COST						22,326
CONTINGENCY PERCENT (5.00%)						<u>1,116</u>
SUBTOTAL						23,442
SUPV, INSP & OVERHEAD (5.70%)						<u>1,336</u>
TOTAL REQUEST						24,778
TOTAL REQUEST (ROUNDED)						25,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      The Army is requesting full authorization of \$66 million for this phased project. The Army plans to to construct both phases of this complex under one contract. This phase will construct barracks, and a soldier community support facility. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks and curbs and gutters; parking; recreational court and pavilion for the barracks; information systems; and site improvements. Heating will be provided by self-contained natural gas-fired systems. This barracks will be centrally air conditioned. Access for the handicapped will be provided. Due to the expansive soils that are prevalent the need for special foundations is anticipated. Comprehensive interior design is required. Anti-terrorism/force protection features include anealed safety glass and required set-back distances.						
11. REQ:                    4,360 PN    ADQT:                    3,089 PN    SUBSTD:                    1,271 PN						
PROJECT: Construct a standard design barracks and site work and utility support required for the entire barracks complex. (Current Mission)						
REQUIREMENT: This project will provide housing for a maximum of 336 personnel, with intended utilization of 252 E1-E4 and 42 E5-E6 personnel.						



1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
------------------------	---	---------------------------

3.INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4.PROJECT TITLE  Barracks Complex - Nelson Blvd Ph1	5.PROJECT NUMBER  31357
---	-------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Fort Carson

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>1,035</u>
(b) All Other Design Costs.....	<u>130</u>
(c) Total Design Cost.....	<u>1,165</u>
(d) Contract.....	<u>          </u>
(e) In-house.....	<u>1,165</u>

(4) Construction Contract Award..... DEC 2001

(5) Construction Start..... MAR 2002

(6) Construction Completion..... NOV 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: COL Peter Topp  
Phone Number: DSN 287-5707

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM		2. DATE 30 JUN 2001							
3. INSTALLATION AND LOCATION  Pueblo Depot Activity Colorado		4. COMMAND  US Army Materiel Command	5. AREA CONSTRUCTION COST INDEX  0.95							
6. PERSONNEL STRENGTH:										
	PERMANENT		STUDENTS		SUPPORTED		TOTAL			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	17	129	196	0	0	0	0	0	72	414
B. END FY 2006	17	139	244	0	0	0	0	0	149	549
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	9,357 ha		(23,121 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....										1,110,918
C. AUTHORIZATION NOT YET IN INVENTORY.....										7,950
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....										0
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....										0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....										99,830
G. REMAINING DEFICIENCY.....										20,000
H. GRAND TOTAL.....										1,238,698
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS					
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE				
216	47261	Ammunition Demilitaration Fac Ph-III		11,000	10/2000	09/2003				
TOTAL				11,000						
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE	PROJECT TITLE		(\$000)							
A. INCLUDED IN THE FY 2003 PROGRAM:										
216	Ammunition Demilitarization Fac Ph-IV		20,000							
TOTAL				20,000						
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):										
216	Ammunition Demilitarization Fac Ph-V		71,030							
216	Ammo Demil Facility - Phase IV		28,800							
TOTAL				99,830						
10. MISSION OR MAJOR FUNCTIONS:										
<p>The principal mission of the Pueblo Depot Activity is the operation of a supply depot under the command of the Tooele Army Depot. The major elements of this mission include the care, receipt, storage, issue, maintenance, and disposal of assigned commodities. Commodities include general supplies, Pershing missiles, chemical and conventional munitions. It also includes a limited maintenance function to preclude deterioration of activity facilities, and to retain limited shipping and receiving capabilities for</p>										

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001								
INSTALLATION AND LOCATION: Pueblo Depot Activity                      Colorado										
10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED) assigned commodities.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1.COMPONENT DEF (DA)		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Pueblo Depot Activity Colorado			4.PROJECT TITLE Ammunition Demilitaration Fac Ph-III			
5.PROGRAM ELEMENT 78007A		6.CATEGORY CODE 216	7.PROJECT NUMBER 47261		8.PROJECT COST (\$000) Auth Approp      11,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						128,491
Munition Demil Building		m2 (SF)	8,361 (	90,000)	11,136	(93,112)
Process & Utility Building		m2 (SF)	2,006 (	21,587)	4,626	(9,278)
Munitions Storage Building		m2 (SF)	929.03 (	10,000)	4,139	(3,845)
Process Support Building		m2 (SF)	3,716 (	40,000)	967.35	(3,595)
Personnel and Maintenance Bldg		m2 (SF)	1,892 (	20,363)	2,926	(5,535)
Total from Continuation page						(13,126)
<u>SUPPORTING FACILITIES</u>						41,532
Electric Service		LS	--	--	--	(15,735)
Water, Sewer, Gas		LS	--	--	--	(7,850)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(7,770)
Storm Drainage		LS	--	--	--	(1,869)
Site Imp( 6,005) Demo(      )		LS	--	--	--	(6,005)
Information Systems		LS	--	--	--	(2,303)
ESTIMATED CONTRACT COST						170,023
CONTINGENCY PERCENT (5.00%)						<u>8,501</u>
SUBTOTAL						178,524
SUPV, INSP & OVERHEAD (5.70%)						10,176
DESIGN/BUILD - DESIGN COST						<u>7,000</u>
TOTAL REQUEST						195,700
TOTAL REQUEST (ROUNDED)						195,700
INSTALLED EQT-OTHER APPROP						(230,100)
10.Description of Proposed Construction      Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations. This request is for Increment III (\$11.0 million). Increment I (Project Number (PN) 17700, \$203.5 million, in authorization only) was approved in FY 1997 and FY 2000 and Increment II (PN 40658, \$10.7 million) was approved in FY 2001. Increment IV (PN 47846, \$64.2 million) is planned for FY 2003 and Increment V (PN 51026, \$109.8 million) is planned for FY 2004. This project, at full authorization, will result in the construction of a site-adapted toxic chemical munitions demilitarization (Demil) complex. Work includes a munitions demilitarization building with blast containment area; a munitions storage building; a process utilities building with bulk chemical storage, and a boiler room; a personnel and maintenance facility with change rooms, maintenance storage and a medical treatment area; a process support and administrative building; a chemical analysis laboratory; and an entry control facility. Special features include blast doors, fire protection, a cascading heating, ventilation, air conditioning (HVAC) system with airlocks for agent containment, special air filtration, special personnel protective clothing area, toxic chemical resistive coatings and surfaces, and explosion-proof electrical fixtures. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service with an electrical substation; standby electric						

1. COMPONENT DEF (DA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Pueblo Depot Activity, Colorado

4. PROJECT TITLE Ammunition Demilitaration Fac Ph-III	5. PROJECT NUMBER 47261
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Entry Control Facility, 2 Bldgs	m2 (SF)	231.70 ( 2,494)	11,206	(2,597)
Laboratory	m2 (SF)	880.16 ( 9,474)	8,550	(7,526)
IDS Installation	LS	--	--	(529)
Warehouse	m2 (SF)	2,787 ( 30,000)	788.46	(2,198)
Building Information Systems	LS	--	--	(276)
			Total	13,126

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

generators; security fencing and lighting; paving and surfacing, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating will be provided by a gas-fired central system; air conditioning (500 tons) will be provided by self-contained units.

11. REQ: 21,595 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Design and construct a toxic chemical agent munitions demilitarization facility. (Current Mission)

REQUIREMENT: This project is required to provide the capability to demilitarize and dispose of the toxic chemical agents and munitions stored at Pueblo Depot Activity in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile and the Army has submitted an implementation plan which cites this facility as an integral and essential part of the chemical stockpile disposal program.

CURRENT SITUATION: Projectiles containing lethal chemical agents are stored in igloos at the installation and some currently exhibit an accelerated rate of deterioration. These munitions are of no strategic value, but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available.

IMPACT IF NOT PROVIDED: If this project is not provided, the Army will not be able to comply with the Congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agents and munitions deteriorate with age. The threat to the health of Depot employees and the environment will continue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical measures are included. Also, no antiterrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive

1.COMONENT  DEF (DA)	<b>FY 2002 MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Pueblo Depot Activity, Colorado

4.PROJECT TITLE  Ammunition Demilitaration Fac Ph-III	5.PROJECT NUMBER  47261
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ADDITIONAL: (CONTINUED)  
Order 13123 and other applicable laws and Executive Orders.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Unilateral construction funding is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... OCT 2000
    - (b) Percent Complete As Of January 2001..... 10.00
    - (c) Date 35% Designed..... SEP 2001
    - (d) Date Design Complete..... SEP 2003
    - (e) Parametric Cost Estimating Used to Develop Costs YES
    - (f) Type of Design Contract: Design-build
  
  - (2) Basis:
    - (a) Standard or Definitive Design: NO
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 3,400
    - (b) All Other Design Costs..... 6,300
    - (c) Total Design Cost..... 9,700
    - (d) Contract..... \_\_\_\_\_
    - (e) In-house..... 9,700
  
  - (4) Construction Contract Award..... OCT 2002
  
  - (5) Construction Start..... DEC 2002
  
  - (6) Construction Completion..... NOV 2004

1. COMPONENT DEF (DA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Pueblo Depot Activity, Colorado

4. PROJECT TITLE Ammunition Demilitaration Fac Ph-III	5. PROJECT NUMBER 47261
--	----------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Process Equipment	CAMD.A	2002	46,000
Process Equipment	CAMD.A	2003	99,300
Process Equipment	CAMD.A	2004	84,800
		TOTAL	230,100

Installation Engineer: Mr. Larry Holland  
Phone Number: 719 549-4642

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/
-----	-----	AUTHORIZATION	APPROPRIATION	CURRENT
PROJECT	PROJECT TITLE	REQUEST	REQUEST	MISSION PAGE
NUMBER	-----	-----	-----	-----
-----	-----	-----	-----	-----
District of Columbia	Fort McNair (MDW)			73
22560	Physical Fitness Training Center	11,600	11,600	75
		-----	-----	
	Subtotal Fort McNair PART I	\$ 11,600	11,600	
	* TOTAL MCA FOR District of Columbia	\$ 11,600	11,600	

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001																																														
3. INSTALLATION AND LOCATION  Fort McNair District of Columbia				4. COMMAND  US Army Military District of Washington				5. AREA CONSTRUCTION COST INDEX  0.96																																													
6. PERSONNEL STRENGTH: <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">PERMANENT</th> <th colspan="3">STUDENTS</th> <th colspan="3">SUPPORTED</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> </tr> </thead> <tbody> <tr> <td>A. AS OF 30 SEP 2000</td> <td>92</td> <td>290</td> <td>605</td> <td>406</td> <td>0</td> <td>225</td> <td>111</td> <td>21</td> <td>275</td> <td>2,025</td> </tr> <tr> <td>B. END FY 2006</td> <td>94</td> <td>300</td> <td>611</td> <td>368</td> <td>1</td> <td>152</td> <td>112</td> <td>21</td> <td>275</td> <td>1,934</td> </tr> </tbody> </table>													PERMANENT			STUDENTS			SUPPORTED			TOTAL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	A. AS OF 30 SEP 2000	92	290	605	406	0	225	111	21	275	2,025	B. END FY 2006	94	300	611	368	1	152	112	21	275	1,934
	PERMANENT			STUDENTS			SUPPORTED			TOTAL																																											
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL																																												
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H. GRAND TOTAL.....			231,775																																																		
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM: <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">CATEGORY PROJECT</th> <th></th> <th>COST</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>CODE</th> <th>NUMBER</th> <th>PROJECT TITLE</th> <th>(\$000)</th> <th>START</th> <th>COMPLETE</th> </tr> </thead> <tbody> <tr> <td>740</td> <td>22560</td> <td>Physical Fitness Training Center</td> <td>11,600</td> <td>06/2001</td> <td>12/2002</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td>11,600</td> <td></td> <td></td> </tr> </tbody> </table>												CATEGORY PROJECT			COST	DESIGN STATUS		CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE	740	22560	Physical Fitness Training Center	11,600	06/2001	12/2002	TOTAL			11,600																				
CATEGORY PROJECT			COST	DESIGN STATUS																																																	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE																																																
740	22560	Physical Fitness Training Center	11,600	06/2001	12/2002																																																
TOTAL			11,600																																																		
9. FUTURE PROJECT APPROPRIATIONS: <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CATEGORY</th> <th></th> <th>COST</th> </tr> <tr> <th>CODE</th> <th>PROJECT TITLE</th> <th>(\$000)</th> </tr> </thead> <tbody> <tr> <td>A.</td> <td>INCLUDED IN THE FY 2003 PROGRAM: NONE</td> <td></td> </tr> <tr> <td>B.</td> <td>PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE</td> <td></td> </tr> </tbody> </table>												CATEGORY		COST	CODE	PROJECT TITLE	(\$000)	A.	INCLUDED IN THE FY 2003 PROGRAM: NONE		B.	PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																															
CATEGORY		COST																																																			
CODE	PROJECT TITLE	(\$000)																																																			
A.	INCLUDED IN THE FY 2003 PROGRAM: NONE																																																				
B.	PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																																																				
10. MISSION OR MAJOR FUNCTIONS: <p>Military District of Washington Headquarters. Provide housing services and other facilities to quarter general and flag officers of the Department of Defense and to provide administrative and/or logistical support as assigned by the Commanding General, Military District of Washington. The National Defense University consisting of the National War College and Industrial College of the Armed Forces and Inter-American Defense College are located at this installation.</p>																																																					
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </tbody> </table>													(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0																																		
	(\$000)																																																				
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B. WATER POLLUTION	0																																																				
C. OCCUPATIONAL SAFETY AND HEALTH	0																																																				

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1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort McNair District of Columbia				4.PROJECT TITLE Physical Fitness Training Center		
5.PROGRAM ELEMENT 22896A		6.CATEGORY CODE 740	7.PROJECT NUMBER 22560		8.PROJECT COST (\$000) Auth                    11,600 Approp                 11,600	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,785
Physical Fitness Center		m2 (SF)	4,051 ( 43,600)		1,459	(5,908)
Antiterrorism Force Protection		LS	--		--	(304)
Special Foundations		LS	--		--	(525)
8' Brick Perimeter Wall		m (LF)	160 ( 524.93)		4,003	(640)
2' Brick & 6' WI Per. Wall		m (LF)	390 ( 1,280)		3,445	(1,344)
Building Information Systems		LS	--		--	(64)
<u>SUPPORTING FACILITIES</u>						1,222
Electric Service		LS	--		--	(328)
Water, Sewer, Gas		LS	--		--	(43)
Paving, Walks, Curbs & Gutters		LS	--		--	(142)
Storm Drainage		LS	--		--	(51)
Site Imp( 592) Demo( )		LS	--		--	(592)
Information Systems		LS	--		--	(31)
Antiterrorism/Force Protection		LS	--		--	(35)
ESTIMATED CONTRACT COST						10,007
CONTINGENCY PERCENT (5.00%)						500
SUBTOTAL						10,507
SUPV, INSP & OVERHEAD (5.70%)						599
DESIGN/BUILD - DESIGN COST						420
TOTAL REQUEST						11,526
TOTAL REQUEST (ROUNDED)						11,600
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a modified standard-design physical fitness facility. Supporting facilities include utilities; electric service; exterior lighting; paving, walks, curbs and gutters; storm drainage; site improvements; masonry security wall/masonry piers and wrought iron fencing; and parking for 70 patrons. Heating and air conditioning (50 tons) will be provided by a self-contained system. Access for the handicapped will be provided. Comprehensive interior design is required. Special foundations will be required due to poor soil conditions. Anti-terrorism/Force Protection measures will include laminated glass and traffic control barriers.						
11. REQ:		4,051 m2	ADQT:                    NONE		SUBSTD:	906 m2
<u>PROJECT:</u> Construct a modified standard-design physical fitness facility to the new Community and Family Support Center (CSFC) standards. (Current Mission)						
<u>REQUIREMENT:</u> Construct an adequate physical fitness center for military and civilian personnel at Fort McNair to include members of other services and the family members of all military customers. Provide brick and chain link fence of compatible historic character and appearance to replace existing fencing that must be removed to accommodate construction.						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort McNair, District of Columbia

4. PROJECT TITLE  Physical Fitness Training Center	5. PROJECT NUMBER  22560
--	--------------------------------

CURRENT SITUATION: The existing physical fitness facility is located in a permanent building that was constructed in 1908 as a gymnasium/post exchange. Due to its age, size and configuration, the facility cannot be upgraded to meet functional or safety requirements. As a makeshift measure, Fort McNair personnel use some of the recreational facilities of the National Defense University (NDU), located within the installation boundaries. However, scheduling preference is always given to NDU staff and students, and Fort McNair personnel must use the facilities during times that are left over.

IMPACT IF NOT PROVIDED: If this project is not provided, the military and civilian population of Fort McNair will continue to use substandard recreational facilities, or be subject to the scheduling priorities of the adjacent NDU. Scarce maintenance and repair resources will continue to be expended on a facility that is ill-sized and ill-suited to accommodate modern physical training and recreational activities and demands.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUN 2001
- (b) Percent Complete As Of January 2001..... .00
- (c) Date 35% Designed..... SEP 2002
- (d) Date Design Complete..... DEC 2002
- (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Fort Lewis

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
------------------------	---	---------------------------

3.INSTALLATION AND LOCATION  
  
Fort McNair, District of Columbia

4.PROJECT TITLE  Physical Fitness Training Center	5.PROJECT NUMBER  22560
---	-------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	_____	255
(b) All Other Design Costs.....	_____	163
(c) Total Design Cost.....	_____	418
(d) Contract.....	_____	267
(e) In-house.....	_____	151
(4) Construction Contract Award.....	_____	JUL 2002
(5) Construction Start.....	_____	DEC 2002
(6) Construction Completion.....	_____	JUN 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Michael T. Ostrom, LTC, EN  
Phone Number: 703-696-6400

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Georgia	Fort Benning (TRADOC)				81
19864	Runway Extension	6,900	6,900	C	83
38978	Passenger Processing Facility	17,000	17,000	C	86
	Subtotal Fort Benning PART I	\$ 23,900	23,900		
	Fort Gillem (FORSCOM)				91
17620	Explosive Ordinance Detachment Ops Bldg	5,600	5,600	C	93
42032	Criminal Investigation Forensic Lab	29,000	29,000	C	96
	Subtotal Fort Gillem PART I	\$ 34,600	34,600		
	Fort Gordon (TRADOC)				101
30629	Information Systems Facility	11,000	11,000	C	103
50497	Vehicle Maintenance Facility	23,000	23,000	C	108
	Subtotal Fort Gordon PART I	\$ 34,000	34,000		
	Fort Stewart (FORSCOM)				113
3626	Vehicle Maintenance Facility	13,600	13,600	C	115
50907	Education Center	16,000	16,000	C	118
51968	Soldier Service Center	10,200	10,200	C	121
	Subtotal Fort Stewart PART I	\$ 39,800	39,800		
	* TOTAL MCA FOR Georgia	\$ 132,300	132,300		

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM				2. DATE 30 JUN 2001					
3. INSTALLATION AND LOCATION  Fort Benning Georgia			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  0.80					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000		1337	10112	2982	1072	13549	0	54	98	3156	32,360
B. END FY 2006		1302	9896	2691	1030	13042	0	54	103	3024	31,142
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		74,616 ha		(184,380 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							2,926,156				
C. AUTHORIZATION NOT YET IN INVENTORY.....							235,342				
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							23,900				
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							48,500				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							237,150				
H. GRAND TOTAL.....							3,471,048				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS					
CODE	NUMBER			(\$000)		START	COMPLETE				
111	19864	Runway Extension		6,900		03/2000	08/2001				
141	38978	Passenger Processing Facility		17,000		06/2000	05/2002				
				TOTAL		23,900					
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY		PROJECT TITLE		COST							
CODE					(\$000)						
A. INCLUDED IN THE FY 2003 PROGRAM:											
721	Barracks Complex, Phase 1 , Main Post		48,500								
				TOTAL		48,500					
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
Provides support and facilities for the U.S. Army Infantry Center and School, major combat and combat support forces, Martin U.S. Army Hospital, other tenant and satellited activities and units, and Reserve Components Training.											



1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Benning Georgia				4.PROJECT TITLE Runway Extension		
5.PROGRAM ELEMENT 46029A		6.CATEGORY CODE 111	7.PROJECT NUMBER 19864		8.PROJECT COST (\$000) Auth                    6,900 Approp                 6,900	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,756
Concrete Runway Extension		m2 (SY)	25,084 ( 30,000)		64.21	(1,611)
Concrete Taxiway		m2 (SY)	16,246 ( 19,430)		64.21	(1,043)
Runway/Taxiway Lighting		LS	--		--	(602)
Install Instrument Landing Sys.		LS	--		--	(500)
<u>SUPPORTING FACILITIES</u>						2,437
Electric Service		LS	--		--	(286)
Paving, Walks, Curbs & Gutters		LS	--		--	(647)
Storm Drainage		LS	--		--	(140)
Site Imp( 1,364) Demo(            )		LS	--		--	(1,364)
ESTIMATED CONTRACT COST						6,193
CONTINGENCY PERCENT (5.00%)						<u>310</u>
SUBTOTAL						6,503
SUPV, INSP & OVERHEAD (5.70%)						<u>371</u>
TOTAL REQUEST						6,874
TOTAL REQUEST (ROUNDED)						6,900
INSTALLED EQT-OTHER APPROP						(1,061)
10.Description of Proposed Construction      Upgrade the existing paved overrun at the northwest end of Runway 32 to provide 1,800 feet of runway; and the overrun and the access taxiway. Supporting facilities include storm drainage system, runway edge lights, runway threshold lights, taxiway lights, runway and taxiway identification signs. Relocate the Instrument Landing System Localizer Antenna Array to include two 8X10 foot buildings. Support facilities costs are high due to paving and site improvements.						
11. REQ:                    221,574 m2    ADQT:                    196,490 m2    SUBSTD:                    NONE						
PROJECT: Construct runway extension with taxiway to aircraft parking to support Army's Strategic Mobility Program. (Current Mission)						
REQUIREMENT: Construct a runway extension, increasing length to 10,000 feet, improve taxiway to existing aircraft parking, associated aprons and lighting, and an Instrument Landing System (ILS).						
CURRENT SITUATION: One of the Strategic Mobility missions of Fort Benning is the deployment and redeployment of Army troop units by means of the US Air Force's largest cargo aircraft. The current runway length of 8,200 feet is insufficient for a fully loaded C-5 or strategic B-747 to take off with sufficient fuel for an ocean crossing. Specifically, this means a 50,000 pound reduction in aircraft payload, a refueling stop at an airfield capable of						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Runway Extension	5. PROJECT NUMBER  19864
--	--------------------------------

CURRENT SITUATION: (CONTINUED)

supporting fully loaded C-5 and strategic B-747 aircraft, or aerial refueling in route, and refuel at another airfield enroute or are refueled in flight. This materially detracts from the time-critical deployment and delivery of troop units responding to worldwide emergencies.

IMPACT IF NOT PROVIDED: If this project is not provided, longer response time is required for deployment due to the necessity of enroute refueling and/or reduced payload.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are included for this project. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. Additional mitigation costs will be needed for curation and tribe consultation. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAR 2000
- (b) Percent Complete As Of January 2001..... 25.00
- (c) Date 35% Designed..... MAR 2001
- (d) Date Design Complete..... AUG 2001
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 345
- (b) All Other Design Costs..... 120
- (c) Total Design Cost..... 465
- (d) Contract..... \_\_\_\_\_
- (e) In-house..... 465

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4.PROJECT TITLE  Runway Extension	5.PROJECT NUMBER  19864
---	-------------------------------

12. SUPPLEMENTAL DATA: (Continued)  
 A. Estimated Design Data: (Continued)  
 (4) Construction Contract Award..... DEC 2001  
 (5) Construction Start..... JAN 2002  
 (6) Construction Completion..... DEC 2002

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
ILS Equipment	OPA	2002	843
Radios, Cellular Phones	OPA	2002	124
Aircraft Moving Vehicle	OPA	2002	94
		TOTAL	<u>1,061</u>

Installation Engineer: COL Keith Stelzer  
 Phone Number: 706 545 2292

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Benning Georgia	4. PROJECT TITLE Passenger Processing Facility
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5. PROGRAM ELEMENT 46029A	6. CATEGORY CODE 141	7. PROJECT NUMBER 38978	8. PROJECT COST (\$000) Auth 17,000 Approp 17,000
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				10,881
Ready Building	m2 (SF)	6,192 ( 66,650)	1,150	(7,121)
Bleachers	LS	--	--	(76)
Drop-off Area	LS	--	--	(10)
Operations Admin Area	m2 (SF)	836.13 ( 9,000)	1,270	(1,062)
Seven Bay Bus Canopy	LS	--	--	(108)
Total from Continuation page				(2,504)
<u>SUPPORTING FACILITIES</u>				3,663
Electric Service	LS	--	--	(434)
Water, Sewer, Gas	LS	--	--	(70)
Paving, Walks, Curbs & Gutters	LS	--	--	(751)
Storm Drainage	LS	--	--	(247)
Site Imp( 1,242) Demo( 836)	LS	--	--	(2,078)
Information Systems	LS	--	--	(83)
ESTIMATED CONTRACT COST				14,544
CONTINGENCY PERCENT (5.00%)				727
SUBTOTAL				15,271
SUPV, INSP & OVERHEAD (5.70%)				870
DESIGN/BUILD - DESIGN COST				615
TOTAL REQUEST				16,756
TOTAL REQUEST (ROUNDED)				17,000
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct an Air Deployment Complex to include passenger processing facility, covered pallet building area, a vehicle wash rack, a C-5 aircraft load staging area, a fuel/defuel station, and secure storage area. Supporting facilities include utilities, and entrance road, electric service, exterior lighting, paving, storm drainage, water supply, signage, fencing, sanitary sewer system, lightning protection, fire protection and alarm systems, information systems, and site improvements. Relocate the DOL fuel tanker parking area. Access for the handicapped will be provided. Demolish 18 buildings (75,432 SF), including asbestos abatement. Comprehensive interior design is required.

11. REQ: 7,028 m2 ADQT: NONE SUBSTD: NONE  
PROJECT: Construct an Air Deployment Complex providing passenger processing and arrival/departure airfield control group functions in close proximity of the Black Ramp. This project supports the Army's Strategic Mobility Program. (Current Mission)  
REQUIREMENT: This complex is required to provide adequate facilities to process deploying unit personnel in an efficient manner, with provisions for briefing/classroom areas as well as for staging of chucks, preparing vehicles for deploying operations (Joint Inspection, Center of Balances), washing of

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION

Fort Benning, Georgia

4.PROJECT TITLE

Passenger Processing Facility

5.PROJECT NUMBER

38978

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
100T in-Ground Scale	EA	1 --	205,000	(205)
15K Scale	EA	2 --	8,500	(17)
POL Admin Bldg	m2 (SF)	204.39 ( 2,200)	1,184	(242)
Washrack	EA	1 --	90,700	(91)
Fuel/Defuel Station	LS	--	--	(23)
Covered Pallet Building	m2 (SF)	713.50 ( 7,680)	368.87	(263)
Secure Storage Area	m2 (SF)	23.23 ( 250)	823.43	(19)
Material Handling Equip Storage	m2 (SF)	557.42 ( 6,000)	626.23	(349)
Concrete Hardstand	m2 (SF)	23,395 ( 251,822)	52.29	(1,223)
Building Information Systems	LS	--	--	(72)
			Total	2,504

REQUIREMENT: (CONTINUED)

vehicles, and inspect and repalletize non-ammunition pallets before deployment to foreign theaters. This facility must be in close proximity to Black Ramp due to passengers boarding and materiel loaded onto aircraft staged at Black Ramp.

CURRENT SITUATION: At present, no facility exists for the purpose of processing in-coming or outgoing passengers. Deploying or arriving personnel are processed at the Kelley Hill Gymnasium eight miles away and transported to and from LAAF by bus. Briefings and any classes pertaining to a deployment must also take place at Kelley Hill. There are no facilities at LAAF where departure or arrival ceremonies can be held. Additionally, the current A/DACG facility is inadequate to provide the necessary support to stage, weigh, pre-inspect vehicles. There are inadequate support facilities to construct, check, weigh, document, and stage 463L materiel loaded pallets.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers processing, last minute briefings, and departure/arrival ceremonies will continue to take place eight miles away at Kelley Hill. Problems associated with a remote passenger processing area include extensive coordination and communications between airfield and departing personnel, the potential for confusion and misdirected shipments, the potential for transportation delays due to traffic and vehicle problems and the need for additional security. In addition, operations will continue to be conducted in less than adequate space. For a rewash, vehicles will continue to travel approximately six miles to be rewashed. Chalks will continue to be staged in less than adequate locations, and non-ammunition pallets will continue to be exposed to the elements, or moved inside the A/DACG facility hampering normal operations. All these problems can lead to significant deployment delays.

ADDITIONAL: This project has been coordinated with the installation physical

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4. PROJECT TITLE  Passenger Processing Facility	5. PROJECT NUMBER  38978
---	--------------------------------

ADDITIONAL: (CONTINUED)  
security plan and all required physical security measures are included. Also, no anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JUN 2000
  - (b) Percent Complete As Of January 2001..... 15.00
  - (c) Date 35% Designed..... FEB 2002
  - (d) Date Design Complete..... MAY 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build
  - (g) An energy study and life cycle cost analysis will be documented during the final design.
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 300
  - (b) All Other Design Costs..... 200
  - (c) Total Design Cost..... 500
  - (d) Contract..... 300
  - (e) In-house..... 200
  
- (4) Construction Contract Award..... DEC 2001
- (5) Construction Start..... MAY 2002
- (6) Construction Completion..... DEC 2003

1.COMONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
------------------------	--	---------------------------

3.INSTALLATION AND LOCATION  
  
Fort Benning, Georgia

4.PROJECT TITLE  Passenger Processing Facility	5.PROJECT NUMBER  38978
--	-------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: COL Keith Stelzer  
Phone Number: 706 545-2292

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001			
3. INSTALLATION AND LOCATION  Fort Gillem Georgia			4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  0.91				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	397	1186	558	0	0	0	33	51	1454	3,679
B. END FY 2006	386	1406	549	0	0	0	34	55	1454	3,884
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	577 ha			(1,427 AC)						
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							740,592			
C. AUTHORIZATION NOT YET IN INVENTORY.....							11,800			
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							34,600			
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							0			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0			
G. REMAINING DEFICIENCY.....							4,250			
H. GRAND TOTAL.....							791,242			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE				COST	DESIGN STATUS			
CODE	NUMBER					(\$000)	START	COMPLETE		
141	17620	Explosive Ordnance Detachment Ops Bldg				5,600	06/2001	12/2002		
141	42032	Criminal Investigation Forensic Lab				29,000	11/1999	08/2001		
					TOTAL	34,600				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE				COST				
CODE					(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM: NONE										
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
10. MISSION OR MAJOR FUNCTIONS:										
Fort Gillem is home to the Army and Air Force Exchange Service (Atlanta Distribution Center), 3D Military Police Group (CID) United States Army Criminal Investigation Command, 2nd Recruiting Brigade, 52nd Ordnance Group and the Equipment Concentration Site for the 81st Regional Support Command, and many other Army, Department of Defense and government organizations.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:										
						(\$000)				
A. AIR POLLUTION						0				
B. WATER POLLUTION						0				
C. OCCUPATIONAL SAFETY AND HEALTH						0				

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Gillem Georgia		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$111,386,000, based on the Installation Status Report Information on conditions as of October 1999. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$124,386, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Gillem Georgia			4.PROJECT TITLE Explosive Ordnance Detachment Ops Bldg			
5.PROGRAM ELEMENT  22696A		6.CATEGORY CODE  141	7.PROJECT NUMBER  17620		8.PROJECT COST (\$000) Auth                    5,600 Approp                 5,600	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,840
Company Operations Facilities		m2 (SF)	1,440 ( 15,500)		1,319	(1,899)
Battalion HQ w/Cl Rms		m2 (SF)	1,327 ( 14,280)		1,371	(1,819)
Hardstand		m2 (SY)	652.18 ( 780)		43.48	(28)
IDS Installation		LS	--		--	(12)
Antiterrorism Force Protection		LS	--		--	(47)
Building Information Systems		LS	--		--	(35)
<u>SUPPORTING FACILITIES</u>						1,017
Electric Service		LS	--		--	(101)
Water, Sewer, Gas		LS	--		--	(83)
Paving, Walks, Curbs & Gutters		LS	--		--	(233)
Storm Drainage		LS	--		--	(70)
Site Imp( 142) Demo( 145)		LS	--		--	(287)
Information Systems		LS	--		--	(185)
Antiterrorism/Force Protection		LS	--		--	(58)
ESTIMATED CONTRACT COST						4,857
CONTINGENCY PERCENT (5.00%)						<u>243</u>
SUBTOTAL						5,100
SUPV, INSP & OVERHEAD (5.70%)						291
DESIGN/BUILD - DESIGN COST						<u>204</u>
TOTAL REQUEST						5,595
TOTAL REQUEST (ROUNDED)						5,600
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct two standard-design medium Company Operations facilities, one medium Battalion Headquarters (Bn Hq) with classrooms, and a fenced/paved hardstand area. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (110 tons) will be provided by self-contained systems. Demolish three buildings (17,340 SF (1,611 m2)). Anti-Terrorism/Force Protection measures will include fencing, laminated glass, and traffic control barriers. Comprehensive interior design is required and will be provided.						
11. REQ:		2,767 m2		ADQT:		NONE
				SUBSTD:		2,674 m2
PROJECT: Construct two standard-design medium company operations facilities and one medium battalion headquarters with classrooms. (Current Mission)						
REQUIREMENT: This project is required to provide adequate administrative space at Fort Gillem to meet the space requirements of the 52nd Explosive Ordnance (EOD) Group, the 184th Explosive Ordnance Battalion (EOD), the USA(EOD) and Very Important Persons Protection Support Activity (VIPPSA), and the 723rd Ordnance Company. Currently situated in World War II temporary wood						



1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Gillem, Georgia

4.PROJECT TITLE  Explosive Ordinance Detachment Ops Bldg	5.PROJECT NUMBER  17620
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	136
(b) All Other Design Costs.....	88
(c) Total Design Cost.....	224
(d) Contract.....	143
(e) In-house.....	81

(4) Construction Contract Award..... JUL 2002

(5) Construction Start..... DEC 2002

(6) Construction Completion..... DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC Mark Abernathy  
Phone Number: 404-464-2161

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Gillem Georgia	4. PROJECT TITLE Criminal Investigation Forensic Lab
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5. PROGRAM ELEMENT 91520A	6. CATEGORY CODE 141	7. PROJECT NUMBER 42032	8. PROJECT COST (\$000) Auth 29,000 Approp 29,000
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				23,301
Criminal Investigation Lab. Fac	m2 (SF)	8,237 ( 88,662)	2,578	(21,239)
Environmental Restoration	LS	--	--	(352)
Emergency Generator	kWe(KW)	1,500 ( 1,500)	355.89	(534)
IDS Installation	LS	--	--	(29)
Antiterrorism Force Protection	LS	--	--	(439)
Building Information Systems	LS	--	--	(708)
<b>SUPPORTING FACILITIES</b>				2,539
Electric Service	LS	--	--	(71)
Water, Sewer, Gas	LS	--	--	(125)
Paving, Walks, Curbs & Gutters	LS	--	--	(395)
Storm Drainage	LS	--	--	(118)
Site Imp( 449) Demo( 581)	LS	--	--	(1,030)
Information Systems	LS	--	--	(280)
Antiterrorism/Force Protection	LS	--	--	(520)
ESTIMATED CONTRACT COST				25,840
CONTINGENCY PERCENT (5.00%)				<u>1,292</u>
SUBTOTAL				27,132
SUPV, INSP & OVERHEAD (5.70%)				<u>1,547</u>
TOTAL REQUEST				28,679
TOTAL REQUEST (ROUNDED)				29,000
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct a criminal investigation (forensic) laboratory facility, and a hazardous waste holding facility. A building management system, including fire protection and security systems, will be installed. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs, and gutters; parking; storm drainage and sanitary sewer; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by a gas-fired self-contained system. Air conditioning (313 tons) will be provided by a self-contained system. Comprehensive interior design is required. Demolish 16 buildings (90,847 SF). Existing asphalt and concrete hardstand will be removed. Antiterrorism/force protection measures include laminated glass, bollards, and berms.

11. REQ:	8,237 m2	ADQT:	NONE	SUBSTD:	6,775 m2
PROJECT:	Construct a criminal investigation (forensic) laboratory facility for the US Army Criminal Investigation Laboratory (USACIL). (Current Mission)				
REQUIREMENT:	This project will enable United States Army Criminal Investigations Laboratory (USACIL) to move out of a 1940s-era warehouse which is too small and does not support safe, efficient operations. A new facility will provide space to support USACIL's mission, which includes consolidation				

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Gillem, Georgia		
4.PROJECT TITLE  Criminal Investigation Forensic Lab	5.PROJECT NUMBER  42032	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>of two overseas forensic laboratories closed as a result of Army force structure changes. USACIL's mission is to provide worldwide forensic laboratory support to US Army investigative elements, other Department of Defense (DOD) investigative agencies, and other Federal law enforcement agencies as allowed by law. USACIL examines evidence; provides related reports and expert testimony; develops and fields investigative equipment and techniques; operates a Department of the Army (DA) certified school to train laboratory examiners; and trains DOD investigators and legal personnel. Adequate facilities are not available at Fort Gillem nor any other DOD facility for this mission. There is no other comparable laboratory within DOD, and outsourcing is neither cost effective nor operationally sound. Forensic laboratory services are critical to the administration of justice within DOD, and there is no other activity within DOD capable of providing the services that will be provided from this laboratory.</p> <p><u>CURRENT SITUATION:</u>    The Army's forensic laboratory is located in a 1940s-era warehouse on Fort Gillem. USACIL occupies 4,942 gross square meters (3,100 net) of renovated space and controls 1,833 gross square meters (1,374 net) of non-contiguous, unrenovated storage space. The renovated space was occupied in 1983 when the laboratory supported only continental United States (CONUS)-based units. More space is needed for laboratory operations, applications development, and training. Movement through the facility is circuitous and constricted. Often there is no clear definition of division areas and technical functions are fragmented. There is insufficient space for equipment needed to fully implement new technologies such as DNA analysis. There is a shortage of evidence storage space within laboratory divisions that creates the potential for chain of custody issues. Reference libraries, meeting areas, and training areas have been sacrificed to offset part of the laboratory space shortfall. There is no area large enough to accommodate large groups for briefings or training. Heating, ventilation, and air conditioning in the facility are totally inadequate. Deficiencies endanger health and safety due to poor toxic fume extraction and an inability to adequately control laboratory pressurization, temperature, and humidity. There is no logical, cost effective way to modify the existing space to address these deficiencies, nor to expand into contiguous space.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, USACIL's ability to maintain quality control and integrity of evidences will be subject to challenge during legal proceedings. USACIL's operational capability and efficiency will continue to be impaired. The accreditation of the laboratory will be in jeopardy during the next accreditation review in 2001. (During the 1996 accreditation of USACIL, the accreditation team identified five facility-related deficiencies.) Failure to retain accreditation would have a significantly adverse impact on the outcome of criminal justice proceedings. The health and safety of USACIL personnel will continue to be jeopardized. The benefits of consolidating worldwide forensic laboratory support will not be</p>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Fort Gillem, Georgia	
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4. PROJECT TITLE  Criminal Investigation Forensic Lab	5. PROJECT NUMBER  42032
---	--------------------------------

IMPACT IF NOT PROVIDED: (CONTINUED)  
fully realized.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... NOV 1999
  - (b) Percent Complete As Of January 2001..... 30.00
  - (c) Date 35% Designed..... FEB 2001
  - (d) Date Design Complete..... AUG 2001
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 1,500
  - (b) All Other Design Costs..... 500
  - (c) Total Design Cost..... 2,000
  - (d) Contract..... 1,500
  - (e) In-house..... 500
  
- (4) Construction Contract Award..... JAN 2002
- (5) Construction Start..... FEB 2002
- (6) Construction Completion..... MAR 2004

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  Fort Gillem, Georgia
---

4.PROJECT TITLE  Criminal Investigation Forensic Lab	5.PROJECT NUMBER  42032
--	-------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
---	--	--	-------------------------------

NA

Installation Engineer: LTC Mark Abernathy  
Phone Number: 404 464-2161

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001																																								
3. INSTALLATION AND LOCATION  Fort Gordon Georgia	4. COMMAND  US Army Training and Doctrine Command	5. AREA CONSTRUCTION COST INDEX  0.84																																								
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">6. PERSONNEL STRENGTH:</td> <td style="width:10%;">PERMANENT</td> <td colspan="3" style="width:20%;">STUDENTS</td> <td colspan="3" style="width:20%;">SUPPORTED</td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td>OFFICER ENLIST CIVIL</td> <td>TOTAL</td> <td></td> <td></td> </tr> <tr> <td>A. AS OF 30 SEP 2000</td> <td>1251 5177 1855</td> <td>352 5052 2</td> <td>49 666 2643</td> <td>17,047</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>B. END FY 2006</td> <td>1216 5409 1709</td> <td>427 5647 5</td> <td>49 654 2643</td> <td>17,759</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>			6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS			SUPPORTED						OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL			A. AS OF 30 SEP 2000	1251 5177 1855	352 5052 2	49 666 2643	17,047						B. END FY 2006	1216 5409 1709	427 5647 5	49 654 2643	17,759					
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TOTAL			34,000																																							
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B.	PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):	NONE																																								
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>The mission of the US Army Signal Center and Fort Gordon is to: conduct Signal Corps Training for Army personnel as well as personnel from other services and allied countries; maintain assigned FORSCOM Units; conduct the USASC&amp;FG Combat Development Programs; provide support to tenant units of other Military Departments and Commands.</p>																																										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;"></td> <td style="width:30%; text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0																																
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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Gordon Georgia		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$285,816, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Gordon Georgia			4.PROJECT TITLE Information Systems Facility			
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 131	7.PROJECT NUMBER 30629		8.PROJECT COST (\$000) Auth                    11,000 Approp                 11,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,576
Communications Center		m2 (SF)	3,809 ( 41,000)		1,821	(6,936)
EMCS Connection		LS	--		--	(62)
Antiterrorism Force Protection		LS	--		--	(274)
IDS Installation		LS	--		--	(3)
Migrate Switch		LS	--		--	(700)
Building Information Systems		LS	--		--	(601)
<u>SUPPORTING FACILITIES</u>						957
Electric Service		LS	--		--	(206)
Water, Sewer, Gas		LS	--		--	(28)
Paving, Walks, Curbs & Gutters		LS	--		--	(46)
Storm Drainage		LS	--		--	(4)
Site Imp( 175) Demo( 131)		LS	--		--	(306)
Information Systems		LS	--		--	(347)
Antiterrorism/Force Protection		LS	--		--	(20)
ESTIMATED CONTRACT COST						9,533
CONTINGENCY PERCENT (5.00%)						<u>477</u>
SUBTOTAL						10,010
SUPV, INSP & OVERHEAD (5.70%)						571
DESIGN/BUILD - DESIGN COST						<u>400</u>
TOTAL REQUEST						10,981
TOTAL REQUEST (ROUNDED)						11,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design information systems facility to include functional space for switchgear, relocate switch/uninterrupted power supply (UPS)and associated equipment, communications operations, Information Management administrative areas, controlled humidity part storage and repair areas, 24-hour operator/information operations, logistical support, and records management. Install intrusion detection system (IDS). Provide central monitoring and control capability, fully compatable with the existing installation Direct Digital Control energy monitoring and control system (EMCS). Anti-terrorism and Force Protection measures will include laminated glass and traffic control barriers. Supporting facilities include partial upgrade to water, sewer, electrical, and gas; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired)will be provided by stand-alone systems. Air conditioning: 200 tons. Perform asbestos abatement and demolish ten buildings (1725 sq. meters). Comprehensive interior design services are required.						
11. REQ:		5,547 m2	ADQT:	1,738 m2	SUBSTD:	3,809 m2
PROJECT: Construct an information systems facility for use by the United						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Gordon, Georgia		
4. PROJECT TITLE  Information Systems Facility	5. PROJECT NUMBER  30629	
<p><u>PROJECT:</u> (CONTINUED)</p> <p>States Army Signal Center/Fort Gordon, Directorate of Information Management. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to replace the failing, Dial Central Office facility that houses switching operations for the entire installation. Upgrade of switching equipment during FY01 was accomplished in the current facility due to lack of suitable alternative facilities. Maintenance of reliable service to the 22,000+ pair currently active on the installation, as well as an ever expanding data network is jeopardized by the deterioration and limitations of the current 47 year old structure. A replacement structure will insure continued support of expanding communication requirements. An added benefit is improved operation consolidated into one location. The new facility will house Directorate of Information Management Headquarters functions to include the Data Processing Center, Communications Center, Message Center, Dial Central Office, Records Management, Central Mailroom, and Outside Plant Section.</p> <p><u>CURRENT SITUATION:</u> The mission of the US Army Signal Center, the world's largest electronic communications training facility, is at risk of being crippled due to the inadequate and inefficient infrastructure of our Dial Central Office (DCO). Every communication link (to include data) goes through this facility impacting the entire training arena. Development of training products is accessed by Computer Based Training (CBTs) stored at the facility. Short-term improvements in service capacity have been initiated with a Switch upgrade in FY 01 to support the expanding level of demand for communications. The switch upgrade is in a crumbling facility, which means that the accomplishment of our mission and the mission of our tenant organizations is at risk. Even after switch upgrade, the existing facility will still have inadequate space to support further expansion of fiber optic capability and no additional space for electronic equipment to support the Regional Training Site Medical or tele-medicine missions. There is no additional capacity for computer cards and limited space for switch expansion yet demands continue to increase. Local service providers' equipment, which interfaces with the government system, is housed in temporary structures outside of the DCO with no insulation or ventilation resulting in overheating and degraded phone service quality. The existing facility is of cinder block construction that has deteriorated beyond reasonable repair resulting in electrical shock hazards for those personnel performing maintenance. The backup battery room is not adequately ventilated and Occupational, Safety and Health Association (OSHA) standards are barely met. There is significant danger to personnel should there be a major battery leak or explosion. There is insufficient room to enlarge the DC battery bank. The antiquated fire protection system has been identified as an OSHA issue and needs to be replaced. The un-interruptable power supply (UPS) is located directly adjacent to the main switch room. This location and design does not comply with current fire and safety standards. In addition, the capacity of the UPS and back up generator are not sufficient to</p>		

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Gordon, Georgia		
4. PROJECT TITLE  Information Systems Facility	5. PROJECT NUMBER  30629	
<p><u>CURRENT SITUATION:</u>    (CONTINUED)</p> <p>sustain the dial tone to all 22,000+ pairs, resulting in a near total loss of communications and data transmission in the event of power failure. The structural roof is rapidly reaching a point beyond which it can be repaired. The existing flat roof requires continuous patching. As a result of this condition, a major portion of the switch is continually covered by plastic to prevent personal injury or loss of service in the event of roof leakage. The existing heating and air conditioning system is old and places the switch in danger of overheating. During a six-month period, communications were lost 12 times due to heating, ventilation and air conditioning (HVAC) failures. Rusted pipes have made the water non-potable without filter changes every 2-3 days. The existing facility is not handicap accessible. Recruiting efforts are hampered for high turnover positions such as phone operators. The current facility is located within 20 feet of a highly traveled intersection and cannot be adequately modified to provide the required Anti-Terrorism/Force Protection measures. Although a protective fence has been erected around the DCO, the close proximity to this well-traveled thoroughfare makes the current location highly susceptible to terrorism. Protection of equipment and personnel from attack cannot be reasonable provided and the building has no provision for blast resistance. Additional computer operations, administration and maintenance functions are divided among 15 other buildings. Field operations and equipment repair is currently taking place in unheated/unconditioned wood facilities that are scheduled for demolition under the Winning the Infrastructure War initiative. The remaining structures are cable distribution huts and switching huts. The wooden structures are on the demolition lists but are being retained until permanent facilities can be secured.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the installation will continue putting patches and ever increasingly costly repairs into a failing facility that will ultimately result in a catastrophic loss of communications and the in ability to preform the primary training and real world missions, or even the routine administrative requirements of operation. Future communications expansion and upgrade cannot be accomplished in the current building, and the conditions of the building are not favorable to expansion and renovation. Economic analysis indicates that it is more favorable to replace the facility than continue to expend precious resources to repair it. The FY 01 switch upgrade only placed an interim switch solution within a failing structure. The potential failure of the switch due to the existing infrastructure would cripple our training and Force Projection missions. The vulnerability to terrorist attack presents a very real, additional threat to mission accomplishment. The lack of stand-off distance from major traffic arteries, inadequate access control make the existing facility an inviting target. The existing facility is not designed to withstand even the most minimal explosive threat. As the installation's communications requirements continue to increase to support Distance Learning,</p>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Gordon, Georgia

4. PROJECT TITLE  Information Systems Facility	5. PROJECT NUMBER  30629
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IMPACT IF NOT PROVIDED: (CONTINUED)  
e-mail, Internet, computer based training, etc., the communications demands on the installation's Dial Central Office will continue to increase. The most economically feasible and strategically defensible solution is the construction of the proposed facility with the new switch that has been coordinated to coincide with beneficial occupancy.  
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JUL 2001
  - (b) Percent Complete As Of January 2001..... .00
  - (c) Date 35% Designed..... SEP 2001
  - (d) Date Design Complete..... DEC 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build
  - (g) An energy study and life cycle cost analysis will be documented during the final design.
  
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Fort Belvoir
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 233
  - (b) All Other Design Costs..... 149
  - (c) Total Design Cost..... 382
  - (d) Contract..... 244
  - (e) In-house..... 138
  
- (4) Construction Contract Award..... JUL 2002

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Gordon, Georgia		
4.PROJECT TITLE  Information Systems Facility	5.PROJECT NUMBER  30629	
12. <u>SUPPLEMENTAL DATA:</u> (Continued)		
A. Estimated Design Data: (Continued)		
(5) Construction Start.....		<u>DEC 2002</u>
(6) Construction Completion.....		<u>JUN 2004</u>
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated    Cost <u>Or Requested</u> ( <u>\$000</u> )
NA		
Installation Engineer:    MICHAEL DEBOW, COL Phone Number:    706-791-3225		

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Fort Gordon Georgia			4. PROJECT TITLE Vehicle Maintenance Facility		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 214	7. PROJECT NUMBER 50497	8. PROJECT COST (\$000) Auth                    23,000 Approp                23,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<b>PRIMARY FACILITY</b>					
Vehicle Maintenance Shop (2)	m2 (SF)	8,730 ( 93,969)	1,120	14,727 (9,776)	
Hardstand	m2 (SF)	64,502 ( 694,289)	45.99	(2,967)	
Hazardous waste Stor Bldg. (2)	m2 (SF)	165 ( 1,776)	1,183	(195)	
POL Storage(2)	m2 (SF)	165 ( 1,776)	1,640	(271)	
EMCS Connection	LS	--	--	(71)	
Total from Continuation page				(1,447)	
<b>SUPPORTING FACILITIES</b>					
Electric Service	LS	--	--	(504)	
Water, Sewer, Gas	LS	--	--	(239)	
Paving, Walks, Curbs & Gutters	LS	--	--	(704)	
Storm Drainage	LS	--	--	(933)	
Site Imp( 1,250) Demo( 796)	LS	--	--	(2,046)	
Information Systems	LS	--	--	(587)	
Antiterrorism/Force Protection	LS	--	--	(121)	
ESTIMATED CONTRACT COST				19,861	
CONTINGENCY PERCENT (5.00%)				993	
SUBTOTAL				20,854	
SUPV, INSP & OVERHEAD (5.70%)				1,189	
DESIGN/BUILD - DESIGN COST				834	
TOTAL REQUEST				22,877	
TOTAL REQUEST (ROUNDED)				23,000	
INSTALLED EQT-OTHER APPROP				( )	
10. Description of Proposed Construction      Construct a brigade size motor vehicle maintenance facility based on battalion sized standard design, to include vehicle maintenance repair bays with full-width overhead traveling bridge cranes and maintenance pits; general and component compact item repair and comsec areas; communications-electronics interior areas; storage and administration areas; mechanical and electrical rooms; concrete hardstand; maintenance apron; loading dock; separate petroleum/oil storage buildings, lubricants (POL) storage areas, and Deployment Equipment Storage Structures. Install intrusion detection systems (IDS). Anti-terrorism/force protection (AT/FP) measures will include observance of vehicle access siting distances, landscaping berms, exterior lighting, and appropriate access screening. Supporting facilities include utilities; electric service; fire protection and alarm systems; security fencing with clear zones and gates; paving, walks, curbs and gutters; parking; storm drainage; sanitary sewer system; information systems; and site improvements. These facilities will be connected to the Direct Control (DDC) Energy Monitoring and Control System (EMCS). Access for the handicapped will be provided. Heating and air conditioning (48 tons) will be provided. Demolish buildings (6,665 m2) with asbestos and lead based paint removal.					

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION

Fort Gordon, Georgia

4.PROJECT TITLE

Vehicle Maintenance Facility

5.PROJECT NUMBER

50497

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Pressure Clean Pad (2)	m2 (SF)	250 ( 2,691)	236.50	(59)
Oil Water Separator	EA	2 --	77,500	(155)
Waste Oil/Coolant Tanks	LS	--	--	(346)
Deployment Equipment Storage Bu	m2 (SF)	780 ( 8,396)	691.00	(539)
Test and Maint. Dock(2)	m2 (SF)	40 ( 430.56)	1,825	(73)
Sentry Building	EA	2 --	8,500	(17)
IDS Installation	LS	--	--	(3)
Building Information Systems	LS	--	--	(255)
Total				1,447

11. REQ: 17,629 m2 ADQT: 4,939 m2 SUBSTD: 12,690 m2

PROJECT: Construct a standard-design organizational maintenance facility to house a brigade motor pool consisting of two separate battalion motor pool facilities within a single motor pool complex footprint. (Current Mission)

REQUIREMENT: This project is required to provide an adequate maintenance facility to perform time sensitive maintenance functions with limited personnel resources. The 63rd and 67th Signal Battalions, as part of the 93rd Signal Brigade, provide quick response contingency communications support as directed by the Joint Chiefs of Staff. Potential support includes critical communications support for: a commander of an Army Forces component to a CINC; a joint task force contingency operation; or a major regional conflict deployment. The support is a critical part of the power projection platform supporting the war fighter. The facilities must support the unit vehicle and electronic equipment maintenance for 10 companies and approximately 726 vehicles.

CURRENT SITUATION: No adequate organizational vehicle or electronic equipment maintenance facilities exist on Fort Gordon to satisfy this requirement. Maintenance functions are performed in temporary, multiple, substandard, undersized, and antiquated buildings that marginally satisfy the requirement but create an overcrowded, inefficient and unsafe work atmosphere. None of the existing buildings were designed to maintain vehicles supporting modern tactical equipment and a facility upgrade is impractical due to the architectural features and age of the supporting systems. Continued compliance with environmental regulations is also marginal with the current facilities. The maintenance bay door height is too low to allow access for 5T trucks fitted with communication shelters and deployment gear. During the hot summer months (five months of the year) maintenance activities must be scheduled very early in the day or late at night to protect personnel from potential heat related injuries. None of the facilities have an overhead crane required to

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Gordon, Georgia		
4. PROJECT TITLE  Vehicle Maintenance Facility	5. PROJECT NUMBER  50497	
<p><u>CURRENT SITUATION:</u>    (CONTINUED)</p> <p>perform basic maintenance functions. Additionally, none of the facilities have inside recessed maintenance pits or adequate sound proofing. Existing outside vehicle maintenance ramps pose a safety hazard. Existing conditions result in the shifting of maintenance operations back and forth in the maintenance areas to facilitate higher priority missions as they occur. A safety hazard exists because administrative functions must be performed in the same space as maintenance functions. Adequate training space does not exist within any of the facilities. Storage space for prescribed load list (PLL), turned in parts (to include hazardous material), and parts received is inadequate with some larger items being stored in outside cages. The existing conditions result in a significant loss of limited maintenance, repair and training time. Additionally, the existing maintenance facilities are located in an area designated as troop residential by the approved installation master plan. This project will relocate the facility to the an approved site in an industrial area.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the 93rd Signal Brigade will be forced to continue performing maintenance functions in temporary, multiple facilities that are severely crowded, inadequate and substandard, which create conditions that are unsafe, and expose maintenance operations to the elements. The conditions result in excessive nonproductive downtime, impair the effective employment of limited skilled personnel and adversely affect mission training. This has a direct adverse impact on the brigade's productivity, morale and the requirement to meet and sustain a deployment readiness capability to support the worldwide power projection platform and the war fighter. The maintenance function will continue to be performed in motor pool areas that have been designated as troop residential by the installation master plan and not in the approved land use area.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Gordon, Georgia

4.PROJECT TITLE  Vehicle Maintenance Facility	5.PROJECT NUMBER  50497
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... JUL 2001
    - (b) Percent Complete As Of January 2001..... .00
    - (c) Date 35% Designed..... SEP 2002
    - (d) Date Design Complete..... DEC 2002
    - (e) Parametric Cost Estimating Used to Develop Costs YES
    - (f) Type of Design Contract: Design-build
    - (g) An energy study and life cycle cost analysis will be documented during the final design.
  - (2) Basis:
    - (a) Standard or Definitive Design: YES
    - (b) Where Most Recently Used:  
Fort Bragg
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 550
    - (b) All Other Design Costs..... 350
    - (c) Total Design Cost..... 900
    - (d) Contract..... 575
    - (e) In-house..... 325
  - (4) Construction Contract Award..... JUL 2002
  - (5) Construction Start..... DEC 2002
  - (6) Construction Completion..... DEC 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>(\$000)</u>	
	NA		

Installation Engineer: COL MICHAEL DEBOW  
Phone Number: 706-791-4241

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001			
3. INSTALLATION AND LOCATION  Fort Stewart Georgia			4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  0.82				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	1465	13324	2265	0	157	0	22	73	2518	19,824
B. END FY 2006	1451	13327	2118	0	200	0	21	72	2518	19,707
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	113,017 ha			(279,270 AC)						
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							1,933,625			
C. AUTHORIZATION NOT YET IN INVENTORY.....							107,566			
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							39,800			
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							0			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0			
G. REMAINING DEFICIENCY.....							212,168			
H. GRAND TOTAL.....							2,293,159			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT						COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)	START	COMPLETE		
214	3626	Vehicle Maintenance Facility				13,600	10/2000	04/2002		
740	50907	Education Center				16,000	07/2001	12/2002		
610	51968	Soldier Service Center				10,200	07/2001	12/2002		
					TOTAL	39,800				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY						COST				
CODE	PROJECT TITLE				(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM: NONE										
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
10. MISSION OR MAJOR FUNCTIONS:										
Support and training of an Infantry Division (Mech) and non-divisional support units, and provide support for tenant, including 18th Corps Aerial Explortation Battalion and SOCOM Ranger and Aviation Battalions, satellited activities and reserve components training.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:										
						(\$000)				
A. AIR POLLUTION						0				
B. WATER POLLUTION						0				
C. OCCUPATIONAL SAFETY AND HEALTH						0				

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Stewart Georgia		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$317,809,000, based on the Installation Status Report Information on conditions as of October 1999. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$316,884, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMPONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Stewart Georgia				4.PROJECT TITLE Vehicle Maintenance Facility		
5.PROGRAM ELEMENT 22696A		6.CATEGORY CODE 214	7.PROJECT NUMBER 3626		8.PROJECT COST (\$000) Auth                    13,600 Approp                 13,600	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						9,218
Consolidated Maint. Facility		m2 (SF)	6,633 ( 71,394)		1,105	(7,329)
Hardstand		m2 (SY)	10,256 ( 12,266)		50.23	(515)
Open Warehouse		m2 (SF)	232.26 ( 2,500)		462.84	(108)
Open Storage		m2 (SY)	836.13 ( 1,000)		50.23	(42)
Interim facility upgrade		m2 (SF)	847.74 ( 9,125)		731.95	(621)
Total from Continuation page						(603)
<u>SUPPORTING FACILITIES</u>						2,610
Electric Service		LS	--		--	(335)
Water, Sewer, Gas		LS	--		--	(340)
Steam And/Or Chilled Water Dist		LS	--		--	(370)
Paving, Walks, Curbs & Gutters		LS	--		--	(196)
Storm Drainage		LS	--		--	(192)
Site Imp( 283) Demo( 776)		LS	--		--	(1,059)
Information Systems		LS	--		--	(118)
ESTIMATED CONTRACT COST						11,828
CONTINGENCY PERCENT (5.00%)						591
SUBTOTAL						12,419
SUPV, INSP & OVERHEAD (5.70%)						708
DESIGN/BUILD - DESIGN COST						500
TOTAL REQUEST						13,627
TOTAL REQUEST (ROUNDED)						13,600
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Construct a multi-purpose consolidated maintenance facility including a warehouse, and an open storage area. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; security fencing; information systems; and site improvements. Air conditioning (40 tons) will be provided by self-contained unit. Heating will be provided by tie-in to the central energy supply lines. Access for the handicapped will be provided. Demolish 11 buildings (98,582 SF) and related utilities. This project includes upgrades to a permanent facility being retained as part of the Consolidated Maintenance Complex and repairs/upgrade to another building that will be used as an interim maintenance facility for displaced functions in the footprint of construction.						
11. REQ:		12,339 m2	ADQT:	5,706 m2	SUBSTD:	6,897 m2
PROJECT: Construct a multi-purpose consolidated maintenance facility. (Current Mission)						
REQUIREMENT: This project is required to provide a safe and efficient work environment for maintenance and repair of a wide range of TDA equipment/items and for performing general support (GS) maintenance/repair and overflow direct support (DS) maintenance for the 3rd Infantry Division, non-divisional units,						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Stewart, Georgia

4. PROJECT TITLE Vehicle Maintenance Facility	5. PROJECT NUMBER 3626
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
A/C & Heating Upgrade, Bldg 117	LS	--	--	(492)
Building Information Systems	LS	--	--	(111)
			Total	603

REQUIREMENT: (CONTINUED)

and other activities located on Fort Stewart/Hunter Army Airfield.

CURRENT SITUATION: The existing facilities include ten World War II type buildings in various scattered locations that have deteriorated beyond economical repair with insufficient lighting, poor ventilation, deteriorated and outdated electrical system, lack of environmental controls, fire suppression and safety features and in general provide very poor, inefficient work areas. Scattered locations result in multiple supply, parts, tools storage, and issue areas; additional handling/inventory/control manpower; and delays due to weather. The areas between the maintenance facilities are primarily not surfaced, thus creating delays in transfer of equipment and supplies between operations. Existing permanent facilities are in relatively good shape, but this only provides approximately one third of the required facilities to support the 3rd Infantry Division units, non-Divisional units and other tenant units.

IMPACT IF NOT PROVIDED: If this project is not provided, the Installation will continue to expend funds to maintain the deteriorating World War II facilities and utilities. The work force will continue to work in substandard conditions. The inefficiencies of operations related to the conditions and locations of the facilities will continue to result in increased cost and equipment down-time.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. No anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4.PROJECT TITLE  Vehicle Maintenance Facility	5.PROJECT NUMBER  3626
---	------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... OCT 2000
  - (b) Percent Complete As Of January 2001..... 15.00
  - (c) Date 35% Designed..... JAN 2002
  - (d) Date Design Complete..... APR 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build
  - (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
- (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... \_\_\_\_\_
  - (b) All Other Design Costs..... 1,360
  - (c) Total Design Cost..... 1,360
  - (d) Contract..... 816
  - (e) In-house..... 544
- (4) Construction Contract Award..... NOV 2001
- (5) Construction Start..... APR 2002
- (6) Construction Completion..... JUN 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: Bob Marshall  
Phone Number: 912 767-1070

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Fort Stewart Georgia				4. PROJECT TITLE Education Center		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 740	7. PROJECT NUMBER 50907		8. PROJECT COST (\$000) Auth            16,000 Approp        16,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,602
Education Center		m2 (SF)	6,741 ( 72,559)		1,142	(7,696)
Battalion Headquarters Building		m2 (SF)	872.36 ( 9,390)		1,249	(1,089)
Main Gate Improvements		LS	--		--	(2,298)
Antiterrorism Force Protection		LS	--		--	(363)
Building Information Systems		LS	--		--	(156)
<u>SUPPORTING FACILITIES</u>						2,196
Electric Service		LS	--		--	(143)
Water, Sewer, Gas		LS	--		--	(124)
Steam And/Or Chilled Water Dist		LS	--		--	(391)
Paving, Walks, Curbs & Gutters		LS	--		--	(441)
Storm Drainage		LS	--		--	(63)
Site Imp( 262) Demo( 231)		LS	--		--	(493)
Information Systems		LS	--		--	(285)
Antiterrorism/Force Protection		LS	--		--	(256)
ESTIMATED CONTRACT COST						13,798
CONTINGENCY PERCENT (5.00%)						690
SUBTOTAL						14,488
SUPV, INSP & OVERHEAD (5.70%)						826
DESIGN/BUILD - DESIGN COST						580
TOTAL REQUEST						15,894
TOTAL REQUEST (ROUNDED)						16,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction      Construct an education center to include a testing facility, auditorium and multi-use learning facility. Also construct a battalion headquarters building for the 3rd Military Police battalion and main gate improvements. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating for the education center will be provided by a self-contained unit and for the battalion headquarters with high temperature water supplied by the installation's energy plant. Air conditioning (270 tons) will be provided by a self-contained unit for the education center and for the battalion headquarters building by chilled water from the central energy plant. Anti-terrorism/ force protection (AT/FP) measures will include laminated glass and traffic control barriers. Demolish six buildings (30,913 SF). Comprehensive interior design services are required.						
11. REQ:		7,813 m2	ADQT:	NONE	SUBSTD:	2,872 m2
PROJECT: Construct an education center, a battalion headquarters and gate improvements. (Current Mission)						

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Stewart, Georgia		
4.PROJECT TITLE  Education Center	5.PROJECT NUMBER  50907	
<p><u>REQUIREMENT:</u> This project is required to provide a centralized education and training facility for the Army Continuing Education System (ACES). The ACES fulfills the Army's responsibility for developing, conserving, and promoting its human resources by providing on-duty, job related educational programs and off-duty educational opportunities for professional and personal development. The ACES provides training to soldiers to enable them to better perform their jobs and to enable them to be competitive in the civilian job market when the soldier separates from military service. The facility will have state-of-the-art communications technology: fiber optic cable, satellite receiving and transmitting, interactive television programming, modems and interaction between universities, colleges, and Fort Stewart education center computer systems. The military police battalion headquarters is required to replace the dilapidated operational facilities (World War II wood) currently occupied by the unit at the site for the education center.</p> <p><u>CURRENT SITUATION:</u> With the exception of three small permanent buildings, Fort Stewart is utilizing World War II facilities that are in poor structural condition. Heating, cooling, ventilating, and electrical systems are in poor condition. These buildings were not designed to accommodate and support the current standards for educational facilities. Also, they do not meet current fire and safety codes. The same is true for the three buildings currently utilized by the military police battalion.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Stewart soldiers will continue to use a non-standard learning environment in which to develop their professional and personal goals. They will have to use facilities that do not meet current safety or fire codes and do not meet minimal classroom requirements. Current conditions of existing facilities will impede training and will not fully support the Fort Stewart mission. The military police battalion will continue using inefficient buildings which have greatly exceeded their economical lifetime.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Education Center	5. PROJECT NUMBER  50907
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... JUL 2001
  - (b) Percent Complete As Of January 2001..... .00
  - (c) Date 35% Designed..... SEP 2002
  - (d) Date Design Complete..... DEC 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build
- (2) Basis:
- (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 352
  - (b) All Other Design Costs..... 224
  - (c) Total Design Cost..... 576
  - (d) Contract..... 368
  - (e) In-house..... 208
- (4) Construction Contract Award..... JUL 2002
- (5) Construction Start..... DEC 2002
- (6) Construction Completion..... JUN 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested (\$000)</u>

NA

Installation Engineer: Bob Marshall  
Phone Number: 912 767-1070

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Stewart Georgia			4.PROJECT TITLE Soldier Service Center			
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  610	7.PROJECT NUMBER  51968		8.PROJECT COST (\$000) Auth                    10,200 Approp                 10,200	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,716
Soldier Service Center		m2 (SF)	5,574 ( 60,000)		1,125	(6,270)
Antiterrorism Force Protection		LS	--		--	(120)
EMCS Connection		LS	--		--	(96)
Building Information Systems		LS	--		--	(230)
<u>SUPPORTING FACILITIES</u>						2,131
Electric Service		LS	--		--	(101)
Water, Sewer, Gas		LS	--		--	(276)
Paving, Walks, Curbs & Gutters		LS	--		--	(293)
Storm Drainage		LS	--		--	(345)
Site Imp( 622) Demo( 217)		LS	--		--	(839)
Information Systems		LS	--		--	(132)
Antiterrorism/Force Protection		LS	--		--	(145)
ESTIMATED CONTRACT COST						8,847
CONTINGENCY PERCENT (5.00%)						<u>442</u>
SUBTOTAL						9,289
SUPV, INSP & OVERHEAD (5.70%)						529
DESIGN/BUILD - DESIGN COST						<u>372</u>
TOTAL REQUEST						10,190
TOTAL REQUEST (ROUNDED)						10,200
INSTALLED EQT-OTHER APPROP						<u>(1,159)</u>
10.Description of Proposed Construction      Construct a Soldier Service Center. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; sewer; storm drainage; information systems; and site improvements. Anti-Terrorism/Force Protection measures are included. Access for the handicapped will be provided. Heating and cooling will be provided by self-contained units. Air conditioning: 150 tons. Demolish five World War II (WWII) buildings (69,029 SF). Supporting facilities costs are higher than average because the site is located in an area of the post where only temporary WWII buildings now exist. Utility systems in this area are deteriorated and undersized for the proposed master planned area. There is also considerable cost associated with erosion control during construction and for proper disposal of the asbestos and lead-based containing parts of the facilities to be demolished as a result of this project. Comprehensive interior design services are required.						
11. REQ:		31,250 m2	ADQT:		16,318 m2	SUBSTD:            20,932 m2
PROJECT: Construct a Soldier Service Center. (Current Mission)						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Stewart, Georgia		
4. PROJECT TITLE  Soldier Service Center	5. PROJECT NUMBER  51968	
<p><u>REQUIREMENT:</u> This project is required to provide a one stop processing facility to house those agencies and activities involved with in/out processing, retirement processing and transition processing as well as mobilization and deployment. The facility is required to accommodate Army Community Services, Transportation, Directorate of Human Resources, Public Affairs, Housing and Veterans Affairs. The one stop facility fulfills the Army's and 3rd Infantry Division's (Mechanized) responsibility for providing quality soldier and family member services as well as expeditious and convenient in and out processing. Further, the facility will enhance the deployment and mobilizations process by having those agencies and activities involved under one roof. By providing the civilian and soldier employees of the one stop facility a desirable place to work, morale and production will increase. The facility will have state of the art communications technology, fiber optic cable and the latest computer equipment capable of rapidly reporting data base strengths.</p> <p><u>CURRENT SITUATION:</u> Operations are currently carried out in multiple World War II vintage facilities located in various areas of the garrison area. This arrangement produces an inconvenient and inefficient system for personnel processing by requiring them to travel to different locations on the post. The main facility was constructed in 1944 and is in very poor structural condition. The heating, cooling, ventilating and electrical systems are antiquated and beyond economical repair. The building was not designed to accommodate nor support one stop processing activities and presents a poor first impression to the newly arrived soldier and family members.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Stewart soldiers and family members will continue to be processed inefficiently in substandard facilities. They, as well as employees, will remain in buildings that do not provide the atmosphere for proper welcome and departure of our soldiers. Furthermore, Fort Stewart will have no other choice but to continue to expend its funds to keep the existing facilities marginally operable.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1.COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION  Fort Stewart, Georgia			
4.PROJECT TITLE  Soldier Service Center	5.PROJECT NUMBER  51968		
12. <u>SUPPLEMENTAL DATA:</u>			
A. Estimated Design Data:			
(1) Status:			
(a) Date Design Started.....		<u>JUL 2001</u>	
(b) Percent Complete As Of January 2001.....		<u>.00</u>	
(c) Date 35% Designed.....		<u>SEP 2002</u>	
(d) Date Design Complete.....		<u>DEC 2002</u>	
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>	
(f) Type of Design Contract: Design-build			
(2) Basis:			
(a) Standard or Definitive Design: NO			
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)			
(a) Production of Plans and Specifications.....		<u>229</u>	
(b) All Other Design Costs.....		<u>145</u>	
(c) Total Design Cost.....		<u>374</u>	
(d) Contract.....		<u>239</u>	
(e) In-house.....		<u>135</u>	
(4) Construction Contract Award..... <u>JUL 2002</u>			
(5) Construction Start..... <u>DEC 2002</u>			
(6) Construction Completion..... <u>JUN 2004</u>			
B. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	
		<u>Or Requested</u>	
		<u>Cost</u>	
		<u>(\$000)</u>	
Office Furnishings	OPA	2005	337
Conf Room Furnishings	OPA	2005	12
Pre-wired Work Stations	OPA	2005	786
Info Sys - ISC	OPA	2002	24
		TOTAL	<u>1,159</u>
Installation Engineer: BOB MARSHALL			
Phone Number: (912) 767-1070			

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Hawaii	PEARL HARBOR (USARPAC)				127
55253	Shipping Operations Building	11,800	11,800	C	129
	Subtotal PEARL HARBOR PART I	\$ 11,800	11,800		
	Schofield Barracks (USARPAC)				133
48782	Barracks Complex - Wilson Street PhIC	0	23,000	C	135
53761	Command & Range Control Bldg - Pohakuloa	5,100	5,100	C	139
	Subtotal Schofield Barracks PART I	\$ 5,100	28,100		
	Wheeler Army Air Field (USARPAC)				143
55038	Barracks Complex - Aviation PH 6A	50,000	50,000	C	145
	Subtotal Wheeler Army Air Field PART I	\$ 50,000	50,000		
	* TOTAL MCA FOR Hawaii	\$ 66,900	89,900		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001			
3. INSTALLATION AND LOCATION  PEARL HARBOR Hawaii			4. COMMAND  US Army Pacific			5. AREA CONSTRUCTION COST INDEX  1.57				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	0	0	0	0	0	0	0	0	0	0
B. END FY 2006	0	0	0	0	0	0	0	0	0	0
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....			0 ha			(0 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2000.....										0
C. AUTHORIZATION NOT YET IN INVENTORY.....										0
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....										11,800
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....										0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....										0
G. REMAINING DEFICIENCY.....										7,200
H. GRAND TOTAL.....										19,000
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS				
CODE	NUMBER			(\$000)		START	COMPLETE			
143	55253	Shipping Operations Building		11,800		06/2001	12/2002			
				TOTAL		11,800				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE					(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM: NONE										
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
10. MISSION OR MAJOR FUNCTIONS:										
Pearl Harbor Naval Shipyard provides regional maintenance to Pacific Fleet Ships.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:										
									(\$000)	
A. AIR POLLUTION									0	
B. WATER POLLUTION									0	
C. OCCUPATIONAL SAFETY AND HEALTH									0	

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1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION PEARL HARBOR Hawaii			4.PROJECT TITLE Shipping Operations Building			
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  143	7.PROJECT NUMBER  55253		8.PROJECT COST (\$000) Auth                    11,800 Approp                 11,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,483
Ship Operations Building		m2 (SF)	865 ( 9,311)		2,247	(1,943)
Army Reserve Center Building		m2 (SF)	765 ( 8,234)		2,247	(1,719)
Special Foundation		LS	--		--	(395)
Replace Fender System		m (LF)	550 ( 1,804)		5,393	(2,966)
Wharf/Pier Repairs		m2 (SF)	100 ( 1,076)		1,445	(144)
Total from Continuation page						(316)
<u>SUPPORTING FACILITIES</u>						2,636
Electric Service		LS	--		--	(284)
Water, Sewer, Gas		LS	--		--	(320)
Paving, Walks, Curbs & Gutters		LS	--		--	(166)
Storm Drainage		LS	--		--	(366)
Site Imp( 369) Demo( )		LS	--		--	(369)
Information Systems		LS	--		--	(1,072)
Antiterrorism/Force Protection		LS	--		--	(59)
ESTIMATED CONTRACT COST						10,119
CONTINGENCY PERCENT (5.00%)						<u>506</u>
SUBTOTAL						10,625
SUPV, INSP & OVERHEAD (6.50%)						691
DESIGN/BUILD - DESIGN COST						<u>425</u>
TOTAL REQUEST						11,741
TOTAL REQUEST (ROUNDED)						11,800
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a two-story facility to include the Ship Operations Building and US Army Reserve Center. The Ship Operations Building portion will provide ship-related operational facilities for 25 shore support personnel and two boat crews of 32 persons each. The ship operations facility includes administrative offices, arms vault, nuclear-biological-chemical room, controlled waste storage, vessel support office supply office, vessel support office supply warehouse, port steward for food storage, and a warehouse area. install an intrusion detection system (IDS) for the arms vault. The US Army Reserve Center portion will provide a 60 member training facilities includes an elevator and arms room. This project will also provide waterfront improvements to include replacement of existing fender system, and wharf/pier repairs. Anti-Terrorism Force Protection measures are required for this project and the high AT/FP costs in the primary facility are due to requirements for structural upgrade of the buildings and the installation of laminated glass for all exterior windows and glazed doors. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; fencing and gates; irrigation; signage; sewer; storm drainage; information systems; and site improvements. The high information systems cost in the supporting facilities are due to the extensive telephone and fiber optic cable systems pathways						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
PEARL HARBOR, Hawaii

4. PROJECT TITLE Shipping Operations Building	5. PROJECT NUMBER 55253
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Force Protection	LS	--	--	(230)
IDS Installation	LS	--	--	(8)
Building Information Systems	LS	--	--	(78)
			Total	316

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

required from the project site to the central telephone switch at Pearl Harbor. Air conditioning: 50 tons. Access for the handicapped will be provided.

11. REQ: 1,630 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct Ship Operations Building and 60 persons US Army Reserve Center. Replace fender system and wharf/pier repairs necessary for ship berthing facilities. (Current Mission)

REQUIREMENT: This project is required to provide a facility for the 545th Transportation Detachment (Harbormaster) to perform their mission and a reserve training center for the 9th Regional Support Command, Logistics Support Vessel Unit. The ship operations portion of the building will provide adequate administrative function, record storage, equipment storage, and harbor entrance port control spaces for approximately 57 persons. The reserve center portion will provide adequate administrative space, classrooms, education area, storage areas, latrines and storage area for approximately 34 persons, three of whom are permanent staff.

CURRENT SITUATION: The 545th Transportation Detachment (Harbormaster) currently berths two Logistic Support Vessels (LSVs) at two wharves on the north side of Ford Island and also uses several nearby buildings on Ford Island. Planned family housing development requires relocation of the 545th Transportation Detachment (Harbormaster) from Ford Island to Bishop Point, where facilities are deteriorated and require repair. The recently activated US Army Reserve (USAR) Logistics Support Vessel unit for the 9th Regional Support Command is temporarily located in off-post leased administrative space and a 256 SF classroom diverted to storage use located on Fort Shafter Flats, quite some distance away from any water berthing areas. Once the Harbormaster Detachment and USAR units are collocated, shared berthing, combined efficiencies and mutual support will result.

IMPACT IF NOT PROVIDED: If this project is not provided, the 545th Transportation Detachment (Harbormaster) will be unable to perform its mission, as the unit will not have any facilities available for performing its operations. The 548th Transportation Corps Detachment for 9th Regional Support Command will not be able to properly conduct training. The unit will not be

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  PEARL HARBOR, Hawaii		
4.PROJECT TITLE  Shipping Operations Building	5.PROJECT NUMBER  55253	
<p><u>IMPACT IF NOT PROVIDED:</u>    (CONTINUED)</p> <p>prepared to meet its readiness and mobilization objectives. These shortfalls will result from time and energy wasted traveling between the watercraft berthing at Bishop Point the off-site leased administrative facilities, and the equipment storage area at Shafter Flats.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan and all physical security measures are included. All required anti-terrorism/force protection (AT/FP) measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A.    Estimated Design Data:		
(1)    Status:		
(a)    Date Design Started.....		<u>JUN 2001</u>
(b)    Percent Complete As Of January 2001.....		<u>.00</u>
(c)    Date 35% Designed.....		<u>SEP 2002</u>
(d)    Date Design Complete.....		<u>DEC 2002</u>
(e)    Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(f)    Type of Design Contract:    Design-build		
(2)    Basis:		
(a)    Standard or Definitive Design:    NO		
(3)    Total Design Cost (c) = (a)+(b) OR (d)+(e):		(\$000)
(a)    Production of Plans and Specifications.....		<u>264</u>
(b)    All Other Design Costs.....		<u>168</u>
(c)    Total Design Cost.....		<u>432</u>
(d)    Contract.....		<u>276</u>
(e)    In-house.....		<u>156</u>
(4)    Construction Contract Award.....		<u>JUL 2002</u>
(5)    Construction Start.....		<u>DEC 2002</u>
(6)    Construction Completion.....		<u>JUN 2004</u>

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
PEARL HARBOR, Hawaii

4. PROJECT TITLE  Shipping Operations Building	5. PROJECT NUMBER  55253
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Natalie Koyanagi  
Phone Number: 808-656-2682 Ext1104

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001			
3. INSTALLATION AND LOCATION  Schofield Barracks Hawaii			4. COMMAND  US Army Pacific			5. AREA CONSTRUCTION COST INDEX  1.56				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	1353	11246	1364	0	123	0	123	1856	2851	18,916
B. END FY 2006	1371	11414	1384	0	78	0	130	1860	2840	19,077
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	67,259 ha			(166,201 AC)						
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							4,801,629			
C. AUTHORIZATION NOT YET IN INVENTORY.....							280,205			
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							5,100			
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							80,500			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							58,000			
G. REMAINING DEFICIENCY.....							206,538			
H. GRAND TOTAL.....							5,431,972			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE			COST		DESIGN STATUS			
CODE	NUMBER				(\$000)		START	COMPLETE		
721	48782	Barracks Complex - Wilson Street PhIC			23,000		01/1998	10/2000		
610	53761	Command & Range Control Bldg - Pohakuloa			5,100		06/2001	12/2002		
TOTAL					28,100					
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE			COST					
CODE				(\$000)						
A. INCLUDED IN THE FY 2003 PROGRAM:										
721	Barracks Complex - Capron Ave Ph 2C			50,000						
721	Barracks Complex - Foote Ave-Quad C Ph 3A			30,500						
TOTAL					80,500					
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
10. MISSION OR MAJOR FUNCTIONS:										
<p>Schofield Barracks houses peacetime garrison troops and their supporting organizations. It is the headquarters for the 25th Infantry Division. Parts of the U.S. Army Support Command Hawaii (USASCH), U.S. Army Information Systems Command and the 45th Support Group are also housed there. In addition, members of the other services occupy housing at Schofield.</p>										



1.COMPONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Schofield Barracks Hawaii			4.PROJECT TITLE Barracks Complex - Wilson Street PhIC			
5.PROGRAM ELEMENT  22696A		6.CATEGORY CODE  721	7.PROJECT NUMBER  48782		8.PROJECT COST (\$000) Auth Approp  23,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						61,667
Barracks		m2 (SF)	12,000 ( 129,167)		1,727	(20,721)
Soldiers Community Bldg		m2 (SF)	1,618 ( 17,416)		1,631	(2,639)
Company Operations Facilities		m2 (SF)	10,448 ( 112,461)		1,594	(16,657)
Soldiers Gear Wash Area		m2 (SF)	946 ( 10,183)		1,510	(1,428)
Battalion Headquarters Building		m2 (SF)	2,904 ( 31,258)		1,751	(5,084)
Total from Continuation page						(15,138)
<u>SUPPORTING FACILITIES</u>						22,751
Electric Service		LS	--		--	(1,813)
Water, Sewer, Gas		LS	--		--	(3,532)
Paving, Walks, Curbs & Gutters		LS	--		--	(3,009)
Storm Drainage		LS	--		--	(5,818)
Site Imp( 2,693) Demo( 2,885)		LS	--		--	(5,578)
Information Systems		LS	--		--	(3,001)
ESTIMATED CONTRACT COST						84,418
CONTINGENCY PERCENT (5.00%)						<u>4,221</u>
SUBTOTAL						88,639
SUPV, INSP & OVERHEAD (6.50%)						<u>5,762</u>
TOTAL REQUEST						94,401
TOTAL REQUEST (ROUNDED)						94,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      This project was fully authorized in FY 2000 for \$95 million, and received appropriation for \$25 million. Phase 1B at \$46.4 million was appropriated in FY 2001. This request is the third and final incremental funding of \$23 million to complete this project. Construct a barracks and four small, eight medium, and two large company operations facilities (COF). Construct a standard-design soldier community building (SCB). Install intrusion detection systems (IDS). Construct covered soldier gear wash areas adjacent to the COFs. Construct two large battalion headquarters; enlisted personnel dining facility; and a replacement training center with a welding shop. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; fencing; parking; road improvements; storm drainage; information systems; one million gallon water tank and pump system; and site improvements. Access for the handicapped will be provided. Air conditioning (470 tons) will be provided. Demolish 10 buildings (24,730 m2) within the footprint. Asbestos abatement for removal of vinyl asbestos tile flooring is required. The supporting facility cost is high due to relocation of utility lines, road improvements, permanent relocation of telephones, local area network, and demolition. Comprehensive interior design is required.						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION

Schofield Barracks, Hawaii

4. PROJECT TITLE Barracks Complex - Wilson Street PhIC	5. PROJECT NUMBER 48782
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Training Facility	m2 (SF)	1,190 ( 12,809)	1,589	(1,891)
Water Tank 1 Mgal	EA	1 --	1199786	(1,200)
Pump Sta. w/Stanby Generator	EA	1 --	189,086	(189)
Remote Switch Center Building	m2 (SF)	92.90 ( 999.97)	1,959	(182)
IDS Installation	LS	--	--	(55)
Multipurpose Court	EA	1 --	114,110	(114)
Dining Facility	m2 (SF)	2,808 ( 30,225)	2,926	(8,215)
Central Heating Plant Building	m2 (SF)	195.10 ( 2,100)	1,651	(322)
Building Information Systems	LS	--	--	(2,970)
			Total	15,138

11. REQ: 3,897 PN ADQT: 1,861 PN SUBSTD: 2,036 PN

PROJECT: Construct two 200-PN barracks including soldier community facilities, 14 company operations facilities, two battalion headquarters, an enlisted personnel dining facility (801,-1300 person capacity); and a replacement facility for a training center being moved by the construction. (Current Mission)

REQUIREMENT: This project is the third funding phase of the FY 2000 project, which is the first part of a multi-phase project to provide housing for 400 personnel (PN) out of the total maximum utilization of 1,180 PN required for this barracks complex. This project is one of many projects in a strategy to bring all billets to meet current criteria of the Army Whole Barracks Renewal standards, and is essential for implementing the long range plan to provide adequate barracks for the entire 25th ID and its supporting elements.

CURRENT SITUATION: Personnel are currently housed in existing substandard barracks buildings located on this Schofield Barracks site earmarked for demolition as a part of this project. Existing living accommodations do not meet current Army standards. The soldiers still use gang latrines and showers. Buildings lack proper plumbing, lighting, ventilation, and partitions for security, privacy, comfort and noise abatement. Billeting is currently located in the same building as the unit operations and headquarters facilities. This condition does not meet the current Army Whole Barracks Renewal standards to provide quality living conditions for the soldier by separating the administrative and operations facilities from the soldier's living quarters.

IMPACT IF NOT PROVIDED: If this project is not provided, personnel will continue to live in deteriorated barracks facilities constructed in the 1940s and below current Army standards. This will adversely affect the soldiers' quality-of-life and morale, compromising retention rates and ultimately, unit readiness. Maintenance costs for utilities and billet areas will continue to



1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Schofield Barracks, Hawaii

4. PROJECT TITLE Barracks Complex - Wilson Street PhIC	5. PROJECT NUMBER 48782
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12. SUPPLEMENTAL DATA: (Continued)  
 A. Estimated Design Data: (Continued)  
 (6) Construction Completion..... OCT 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>

NA

Installation Engineer: COL William Ryan  
 Phone Number: 80-8 656-1289

1.COMPONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Schofield Barracks Hawaii			4.PROJECT TITLE Command & Range Control Bldg - Pohakuloa			
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  610	7.PROJECT NUMBER  53761		8.PROJECT COST (\$000) Auth                    5,100 Approp                 5,100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,015
Command & Range Control Bldg		m2 (SF)	930 ( 10,010)		2,710	(2,520)
Antiterrorism Force Protection		LS	--		--	(71)
IDS Installation		LS	--		--	(5)
EMCS Connection		LS	--		--	(39)
Building Information Systems		LS	--		--	(380)
<u>SUPPORTING FACILITIES</u>						1,351
Electric Service		LS	--		--	(182)
Water, Sewer, Gas		LS	--		--	(161)
Paving, Walks, Curbs & Gutters		LS	--		--	(314)
Storm Drainage		LS	--		--	(117)
Site Imp( 232) Demo( 33)		LS	--		--	(265)
Information Systems		LS	--		--	(306)
Antiterrorism/Force Protection		LS	--		--	(6)
ESTIMATED CONTRACT COST						4,366
CONTINGENCY PERCENT (5.00%)						<u>218</u>
SUBTOTAL						4,584
SUPV, INSP & OVERHEAD (6.50%)						298
DESIGN/BUILD - DESIGN COST						<u>183</u>
TOTAL REQUEST						5,065
TOTAL REQUEST (ROUNDED)						5,100
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a two-story, consolidated command and range control building. Project includes administrative offices, a conference room, a military police station, special rooms and related facilities for range control functions, a special room capable of supporting simulation center functions, room for central telecommunications switch, male and female latrines, elevator, storage space, fire protection and alarm systems, conduits and fiber optic wiring to provide for state-of-the-art electronic communications. Install an intrusion detection system (IDS)to the new arms storage facility. Connect to an energy management and control system (EMCS). Supporting facilities include utilities; electric services; security lighting; lighting protection; sanitary sewers; potable water lines; storm drainage; access roadways; paving, walks, curbs and gutters; parking; refuse handling enclosures; fencing and gates; signage; information systems; and site improvements. High cost of supporting facilities is due to provisions for paving a new access road to the main entrance of the training area and requirements to upgrade utility and telecommunication infrastructures to the site. Anti-terrorism/force protection (AT/FP) measures structural upgrade of the building and laminated glass. Access for the handicapped will be provided. Heating and air conditioning (33 tons) will be provided. Demolish two Quonset huts(4,000 SF).						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Schofield Barracks, Hawaii		
4. PROJECT TITLE  Command & Range Control Bldg - Pohakuloa	5. PROJECT NUMBER  53761	
11. REQ:                    930 m2    ADQT:                    NONE                    SUBSTD:                    1,395 m2		
PROJECT: Construct a two-story modified Command and Range Control building. (Current Mission)		
<u>REQUIREMENT:</u> This project is required to provide adequate administrative facilities for the Camp Commander and his staff, Directorate of Public Works (DPW) managers, Directorate of Plans, Training, Mobilization and Security (DPTMSEC) managers and range control personnel, Directorate of Information Management (DOIM) staff and law enforcement personnel. The facility will also provide an easily identifiable central coordination point for units training at Pohakuloa Training Area (PTA).		
<u>CURRENT SITUATION:</u> Command and Range Control offices are located in eight renovated Quonset huts that total approximately 1,395 m2 in floor area. The Quonset huts are World War II era structures; they are in fair to somewhat dilapidated condition, and are energy inefficient in terms of both heating and cooling. The telecommunications wiring in these buildings is makeshift and inadequate. Lighting systems are obsolete and the lighting is dim. The available floor areas cannot be used efficiently due to the long, narrow linear shape of the Quonset huts: circulation space from the front to the rear of the buildings consumes a significant portion of the net useable floor area. The eight existing administration buildings are separated from each other by distances of 50 to 500 meters, resulting in frequent loss of time when person-to-person communications are required. Communications and response times would be significantly improved if the Camp Commander and his Directorates were housed in one facility. The eight separate buildings also result in a significant and costly duplication of equipment and furnishings.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, PTA administrators will continue to be hampered in the fulfillment of their mission. The Camp Commander and his staff, the DPW administrative staff, military police, and the DPTMSEC and DOIM staff will continue to operate in substandard, inadequate and inefficient facilities that do not meet contemporary Army space standards. The day-to-day functions of the administrative and range control personnel will be hampered by the substandard conditions of the existing facilities as well as by the physical separation of the eight administrative buildings. Use of state-of-the-art telecommunications hardware and software will not be possible. Telecommunications connectivity between the training ranges and range control will continue to be difficult. The overall impact will be an impaired level of administrative and logistical support for US Army units and other units training at PTA.		
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the		



1. COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Schofield Barracks, Hawaii
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4. PROJECT TITLE  Command & Range Control Bldg - Pohakuloa	5. PROJECT NUMBER  53761
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: COL William E. Ryan III  
Phone Number: (808) 656-1289

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001
3. INSTALLATION AND LOCATION  Wheeler Army Air Field Hawaii			4. COMMAND  US Army Pacific			5. AREA CONSTRUCTION COST INDEX  1.56	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	0	0	0	0	0	0	0
B. END FY 2006	1483	3122	2452	23	4	0	9,982
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	280 ha		(692 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2000.....	20,474						
C. AUTHORIZATION NOT YET IN INVENTORY.....	43,800						
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....	50,000						
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....	0						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0						
G. REMAINING DEFICIENCY.....	6,400						
H. GRAND TOTAL.....	120,674						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE			COST	DESIGN STATUS	
CODE	NUMBER				(\$000)	START	COMPLETE
721	55038	Barracks Complex - Aviation PH 6A			50,000	10/2000	09/2001
TOTAL					50,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE			COST		
CODE				(\$000)			
A. INCLUDED IN THE FY 2003 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
10. MISSION OR MAJOR FUNCTIONS:							
Wheeler Army Airfield is a sub-installation of Schofield Barracks supporting the 25th Infantry Brigade.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
					(\$000)		
A. AIR POLLUTION					0		
B. WATER POLLUTION					0		
C. OCCUPATIONAL SAFETY AND HEALTH					0		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Wheeler Army Air Field                      Hawaii		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$422,866, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Wheeler Army Air Field Hawaii				4.PROJECT TITLE Barracks Complex - Aviation PH 6A		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 55038		8.PROJECT COST (\$000) Auth                    50,000 Approp                 50,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						33,196
Barracks		m2 (SF)	5,761 ( 62,011)		1,798	(10,356)
Soldier Community Building		m2 (SF)	1,025 ( 11,033)		1,699	(1,741)
Multipurpose Court		EA	1 --		65,000	(65)
Company Operations Facility		m2 (SF)	2,304 ( 24,800)		1,661	(3,827)
Soldiers Gear Wash Area		m2 (SF)	205 ( 2,207)		1,615	(331)
Total from Continuation page						(16,876)
<u>SUPPORTING FACILITIES</u>						11,585
Electric Service		LS	--		--	(1,135)
Water, Sewer, Gas		LS	--		--	(1,787)
Steam And/Or Chilled Water Dist		LS	--		--	(7)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,254)
Storm Drainage		LS	--		--	(6,261)
Site Imp( 642) Demo( 37)		LS	--		--	(679)
Information Systems		LS	--		--	(447)
Antiterrorism/Force Protection		LS	--		--	(15)
ESTIMATED CONTRACT COST						44,781
CONTINGENCY PERCENT (5.00%)						<u>2,239</u>
SUBTOTAL						47,020
SUPV, INSP & OVERHEAD (6.50%)						<u>3,056</u>
TOTAL REQUEST						50,076
TOTAL REQUEST (ROUNDED)						50,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design whole barracks complex with a barracks building, a soldier community building (SCB), and three company operations facilities (COF), covered soldier gear wash areas, and a multipurpose court. Intrusion detection system (IDS) for arms vaults is included. Renovate two buildings: company operations facility (COF) and battalion (BN) headquarters. Asbestos and lead paint abatement included. Historical preservation included. Anti-terrorism/force protection include laminated glass and barriers. The high Antiterrorism/Force Protection costs in the primary facility is due to the limited site and entry control barriers. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems associated with the facilities, the entire barracks complex; site improvements; and road improvements. The supporting facility cost is high due to relocation and upgrade of utility lines, offsite storm drainage improvements, and road improvements. Air conditioning will be provided for the barracks (110 tons), the SCB (15 tons), the COFs (30 tons), and one of the existing buildings (350 tons). Demolish one building (350 SM) within the footprint. Asbestos abatement for removal of vinyl asbestos tile flooring is required. Comprehensive interior design is required. Accessibility for the handicapped shall be provided.						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Wheeler Army Air Field, Hawaii

4. PROJECT TITLE Barracks Complex - Aviation PH 6A	5. PROJECT NUMBER 55038
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Renovate 118	m2 (SF)	342 ( 3,681)	368.70	(126)
Renovate Bldg 102	m2 (SF)	9,633 ( 103,689)	1,274	(12,269)
Asbestos/Lead Paint Removal	LS	--	--	(753)
IDS Installation	LS	--	--	(65)
Antiterrorism Force Protection	LS	--	--	(2,389)
Temporary Trailers	EA	3 --	220,000	(660)
Building Information Systems	LS	--	--	(614)
			Total	16,876

11. REQ: 472 PN ADQT: 88 PN SUBSTD: 384 PN

PROJECT: Construct an aviation brigade whole barracks complex with a barracks building, a soldier community building, and three company operations facilities. Renovate, to current Army standards, two existing buildings to house company operations facilities and battalion headquarters functions. (Current Mission)

REQUIREMENT: Wheeler Army Air Field is a sub-installation of Schofield Barracks. This project phase will provide barracks for 192 personnel (PN) maximum utilization and 174 intended utilization. The existing buildings to be renovated will house the 25th Aviation Brigade company operations facilities and battalion headquarters. This project is one of many to bringing barracks up to the Army's current standards, and is essential for implementing the long range plan to provide adequate barracks for the entire 25th Infantry Division and its supporting elements.

CURRENT SITUATION: Personnel are currently housed in an existing substandard (90 SF per soldier) barracks building located on this Wheeler Army Airfield site earmarked for renovation. Existing living accommodations do not meet current Army Whole Barracks Renewal standards. The soldiers still use gang latrine and showers. Buildings lack proper plumbing, lighting, ventilation, and partitions for security, privacy, comfort and noise abatement. Billeting is currently located in the same building as the unit operations and headquarters facilities. This condition does not meet the current Army Whole Barracks Renewal standards to provide quality living conditions for the soldier by separating the administrative and operations facilities from the barracks.

IMPACT IF NOT PROVIDED: If this project is not provided, personnel will continue to live in deteriorated barracks facilities constructed in the 1940s and below current Army standards. Personnel must double-up in living quarters that are currently substandard or live off base during the scheduled modernization of existing barracks. This will adversely affect the soldiers'



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Wheeler Army Air Field, Hawaii

4. PROJECT TITLE  Barracks Complex - Aviation PH 6A	5. PROJECT NUMBER  55038
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2002
- (5) Construction Start..... MAR 2002
- (6) Construction Completion..... MAR 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Colonel William E. Ryan  
Phone Number: (808) 656-1289

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)	NEW/	CURRENT	MISSION	PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION	APPROPRIATION	REQUEST	REQUEST
-----	-----	REQUEST	REQUEST	REQUEST	REQUEST
Indiana	Newport Army Ammunition Plant (AMC)				151
50043	Ammunition Demilitarization Fac Ph IV	0	66,000	N	153
	Subtotal Newport Army Ammunition Plant PART I	\$ 0	66,000		
	* TOTAL MCA FOR Indiana	\$ 0	66,000		

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM				2. DATE 30 JUN 2001					
3. INSTALLATION AND LOCATION  Newport Army Ammunition Plant Indiana			4. COMMAND  US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX  0.99					
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS			SUPPORTED				
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000		1	0	54	0	0	0	0	5	285	345
B. END FY 2006		1	0	51	0	0	0	0	5	48	105
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		3,439 ha		(8,498 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							510,620				
C. AUTHORIZATION NOT YET IN INVENTORY.....							0				
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							0				
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							0				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							105,000				
H. GRAND TOTAL.....							615,620				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT						COST		DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)		START	COMPLETE		
216	50043	Ammunition Demilitarization Fac Ph IV				66,000		03/1997	03/2002		
TOTAL						66,000					
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY						COST					
CODE	PROJECT TITLE				(\$000)						
A. INCLUDED IN THE FY 2003 PROGRAM: NONE											
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
Manufacture of explosives and chemical agent surveillance.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:											
						(\$000)					
A. AIR POLLUTION						0					
B. WATER POLLUTION						0					
C. OCCUPATIONAL SAFETY AND HEALTH						0					

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Newport Army Ammunition Plant      Indiana		
REMARKS : This is not an ISR installation. This is not an ISR installation.		

1.COMPONENT DEF (DA)		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Newport Army Ammunition Plant Indiana				4.PROJECT TITLE Ammunition Demilitarization Fac Ph IV		
5.PROGRAM ELEMENT 78007A		6.CATEGORY CODE 216	7.PROJECT NUMBER 50043		8.PROJECT COST (\$000) Auth Approp      66,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						109,083
Chemical Demil Building		m2 (SF)	5,601 ( 60,287)		8,787	(49,212)
Process Auxiliary Building		m2 (SF)	1,366 ( 14,700)		6,187	(8,450)
Farm Filter Building		m2 (SF)	1,901 ( 20,460)		3,362	(6,391)
Utility Building		m2 (SF)	1,417 ( 15,250)		5,091	(7,213)
Supercritical Water Ox Bldg		m2 (SF)	854.71 ( 9,200)		7,992	(6,830)
Total from Continuation page						(30,987)
<u>SUPPORTING FACILITIES</u>						42,059
Electric Service		LS	--		--	(11,903)
Water, Sewer, Gas		LS	--		--	(354)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,363)
Storm Drainage		LS	--		--	(1,184)
Site Imp(12,560) Demo( )		LS	--		--	(12,560)
Information Systems		LS	--		--	(340)
Other		LS	--		--	(13,355)
ESTIMATED CONTRACT COST						151,142
CONTINGENCY PERCENT (5.00%)						<u>7,557</u>
SUBTOTAL						158,699
SUPV, INSP & OVERHEAD (5.70%)						9,046
DESIGN/BUILD - DESIGN COST						<u>12,555</u>
TOTAL REQUEST						180,300
TOTAL REQUEST (ROUNDED)						180,300
INSTALLED EQT-OTHER APPROP						(98,584)
10.Description of Proposed Construction      Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental authorization and appropriations which are split over more than one fiscal year. This request is for Increment IV (\$66.0 million). Increment I (Project Number (PN) 50026, \$11.5 million) was approved in FY 1999, Increment II (PN 50041, \$35.9 million) was approved in FY 2000, Increment III (PN 50042, \$34.006 million) was approved in FY 2001 and Increment V (PN 55156, \$32.894 million) is planned for FY 2003. This project will provide for the construction of facilities to be used for pilot testing of an alternative to incineration. The technology to be implemented at Newport Chemical Depot is neutralization followed by onsite Supercritical Water Oxidation (SCWO). Changes are anticipated during pilot plant operations due to the Research and Development nature of this one-of-a-kind prototype process plant and the optimization required prior to commencing full production operations. Work includes a chemical demilitarization building (CDB) with an adjoining transfer corridor to an existing building; a process auxiliary building; a filter farm building; a utility building; a personnel and maintenance facility with change room, maintenance storage and a medical treatment area; process support and administrative building; chemical analysis laboratory; an entry control facility; a Supercritical Water Oxidation (SCWO) building; a solid waste storage building and a standby diesel generator						

1. COMPONENT DEF (DA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Newport Army Ammunition Plant, Indiana

4. PROJECT TITLE Ammunition Demilitarization Fac Ph IV	5. PROJECT NUMBER 50043
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Ton Container Tranfer Corridor	m2 (SF)	371.61 ( 4,000)	3,265	(1,213)
Water Treatment Area	m2 (SF)	278.71 ( 3,000)	4,071	(1,135)
Government/SC Building	m2 (SF)	1,077 ( 11,590)	2,567	(2,764)
Safety/Medical/Training Bldg	m2 (SF)	92.90 ( 1,000)	2,567	(239)
Entry Control Facility	m2 (SF)	124.49 ( 1,340)	11,665	(1,452)
Personnel Maintenance Building	m2 (SF)	1,735 ( 18,680)	3,394	(5,891)
Laboratory	m2 (SF)	1,320 ( 14,213)	8,958	(11,829)
Lab Filter Building	LS	--	--	(818)
Warehouse	m2 (SF)	2,601 ( 28,000)	1,042	(2,710)
IDS Installation	LS	--	--	(2,783)
Building Information Systems	LS	--	--	(153)
			Total	30,987

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

building. Features include fire protection, a cascading heating, ventilation, and air conditioning (HVAC) system with airlocks for agent containment, air filtration, toxic chemical resistive coatings and surfaces. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service with an electrical substation, standby electric generators, information systems, security fencing and lighting, storm drainage, paving walks, curbs and gutters, and site improvements. Heating will be provided by a gas-fired central system; air conditioning will be provided by self contained units.

11. REQ: 18,740 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Design and construct a toxic chemical agent destruction facility. (New Mission)

REQUIREMENT: This project is required to destroy toxic chemical agent stored at Newport Chemical Depot in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile under Public Laws 99-145, 99-661, and 100-180. The Army submitted an implementation plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.

CURRENT SITUATION: Steel containers (1 ton) holding lethal chemical agent are stored inside Building 144 at the installation. These containers are of no strategic value but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available.

1.COMONENT  DEF (DA)	<b>FY 2002    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001																						
3.INSTALLATION AND LOCATION  Newport Army Ammunition Plant, Indiana																								
4.PROJECT TITLE  Ammunition Demilitarization Fac Ph IV	5.PROJECT NUMBER  50043																							
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Army will not be able to comply with the Congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agent and containers deteriorate with age. The threat to the health of Depot employees and to the environment will continue.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. Alternatives methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Unilateral construction funding is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>																								
<u>12. SUPPLEMENTAL DATA:</u>																								
<p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right;"><u>MAR 1997</u></td> </tr> <tr> <td>(b) Percent Complete As Of January 2001.....</td> <td style="text-align: right;"><u>95.00</u></td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right;"><u>SEP 1998</u></td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right;"><u>MAR 2002</u></td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right;"><u>YES</u></td> </tr> <tr> <td>(f) Type of Design Contract: Design-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right;"><u>490</u></td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;"><u>1,090</u></td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;"><u>1,580</u></td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;"><u>          </u></td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;"><u>1,580</u></td> </tr> </table> <p>(4) Construction Contract Award..... <u>FEB 1999</u></p> <p>(5) Construction Start..... <u>OCT 1999</u></p> <p>(6) Construction Completion..... <u>DEC 2004</u></p>			(a) Date Design Started.....	<u>MAR 1997</u>	(b) Percent Complete As Of January 2001.....	<u>95.00</u>	(c) Date 35% Designed.....	<u>SEP 1998</u>	(d) Date Design Complete.....	<u>MAR 2002</u>	(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	(f) Type of Design Contract: Design-build		(a) Production of Plans and Specifications.....	<u>490</u>	(b) All Other Design Costs.....	<u>1,090</u>	(c) Total Design Cost.....	<u>1,580</u>	(d) Contract.....	<u>          </u>	(e) In-house.....	<u>1,580</u>
(a) Date Design Started.....	<u>MAR 1997</u>																							
(b) Percent Complete As Of January 2001.....	<u>95.00</u>																							
(c) Date 35% Designed.....	<u>SEP 1998</u>																							
(d) Date Design Complete.....	<u>MAR 2002</u>																							
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>																							
(f) Type of Design Contract: Design-build																								
(a) Production of Plans and Specifications.....	<u>490</u>																							
(b) All Other Design Costs.....	<u>1,090</u>																							
(c) Total Design Cost.....	<u>1,580</u>																							
(d) Contract.....	<u>          </u>																							
(e) In-house.....	<u>1,580</u>																							

1. COMPONENT DEF (DA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Newport Army Ammunition Plant, Indiana

4. PROJECT TITLE Ammunition Demilitarization Fac Ph IV	5. PROJECT NUMBER 50043
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Process Equipment	RDT&E	1999	2,383
Process Equipment	RDT&E	2000	14,382
Process Equipment	RDT&E	2001	51,164
Process Equipment	RDT&E	2002	28,543
Process Equipment	RDT&E	2003	1,464
Info Sys - ISC	OPA	2002	93
Info Sys - PROP	OPA	2002	555
		TOTAL	98,584

Installation Engineer: MAJ Christopher Isaacson  
Phone Number: 317 245-1502

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
-----	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
PROJECT	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
NUMBER	-----	-----	-----	-----	-----
Kansas	Fort Riley (FORSCOM)				159
6424	Modified Record Fire Range	4,100	4,100	C	161
53135	Child Development Center	6,800	6,800	C	165
	Subtotal Fort Riley PART I	\$ 10,900	10,900		
	* TOTAL MCA FOR Kansas	\$ 10,900	10,900		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001				
3. INSTALLATION AND LOCATION  Fort Riley Kansas			4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  1.09					
6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 2000	1037	9080	1544	0	10	0	14	46	2036	13,767	
B. END FY 2006	1000	8851	1399	0	10	0	11	42	2241	13,554	
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....	40,734 ha		(100,656 AC)								
B. INVENTORY TOTAL AS OF 30 SEP 2000.....										2,868,494	
C. AUTHORIZATION NOT YET IN INVENTORY.....										165,960	
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....										10,900	
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....										37,300	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....										0	
G. REMAINING DEFICIENCY.....										114,632	
H. GRAND TOTAL.....										3,197,286	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS					
CODE	NUMBER			(\$000)		START	COMPLETE				
178	6424	Modified Record Fire Range		4,100		06/2001	12/2002				
740	53135	Child Development Center		6,800		06/2001	12/2002				
				TOTAL		10,900					
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY		PROJECT TITLE		COST							
CODE					(\$000)						
A. INCLUDED IN THE FY 2003 PROGRAM:											
721	Barracks Complex - Infantry Drive East		37,300								
				TOTAL		37,300					
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
Provide for the support and training of the First Infantry Division (Mech) and non-divisional support units. Support the US Army Confinement Brigade, Third Region ROTC, Readiness Group, and reserve components training.											

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001								
INSTALLATION AND LOCATION: Fort Riley Kansas										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$308,204, based on the Installation Status Report Information on conditions as of October 2000.</p>										

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Riley Kansas			4.PROJECT TITLE Modified Record Fire Range			
5.PROGRAM ELEMENT 22696A		6.CATEGORY CODE 178	7.PROJECT NUMBER 6424		8.PROJECT COST (\$000) Auth                    4,100 Approp                 4,100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,598
Modified Record Fire Range		FP	16 --		71,531	(1,144)
25-Meter Firing Zero Range		FP	100 --		4,131	(413)
Combat Pistol Range		FP	15 --		33,835	(508)
Field Latrine, Vault Type (2)		m2 (SF)	74.32 (        800)		1,925	(143)
Classroom, Range (2)		m2 (SF)	148.64 (     1,600)		1,214	(181)
Total from Continuation page						(209)
<u>SUPPORTING FACILITIES</u>						974
Electric Service		LS	--		--	(74)
Water, Sewer, Gas		LS	--		--	(20)
Paving, Walks, Curbs & Gutters		LS	--		--	(597)
Storm Drainage		LS	--		--	(37)
Site Imp(    202) Demo(    19)		LS	--		--	(221)
Information Systems		LS	--		--	(25)
ESTIMATED CONTRACT COST						3,572
CONTINGENCY PERCENT (5.00%)						<u>179</u>
SUBTOTAL						3,751
SUPV, INSP & OVERHEAD (5.70%)						214
DESIGN/BUILD - DESIGN COST						<u>150</u>
TOTAL REQUEST						4,115
TOTAL REQUEST (ROUNDED)						4,100
INSTALLED EQT-OTHER APPROP						<u>(1,162)</u>
10.Description of Proposed Construction      Construct a modified record fire range to be used for record fire, field fire and night fire and a combat pistol range for instructional firing of pistols, combat pistol qualification, and military police qualification with pistols and shotguns. Rifle range includes firing points and targets for zeroing. Ranges are standardized and are equipped with modernized target systems. Primary facilities include all construction within the perimeter of the range complex and consists of a control tower, latrine, instruction building, ammunition breakdown building, covered training area, maintenance trails, firing positions, target emplacements, secondary power and data distribution systems. Supporting facilities include electric service, storm drainage, subsurface dedudding, gravel and asphalt roads and parking, signs and barricades, information systems, and site improvements. Heating will be provided by a self-contained system in the range buildings and air conditioning (4 tons) provided in the control towers. The modified record fire range is superimposed over the existing Trainfire 1, Qualification Range. The Combat Pistol Range is superimposed on Mortar Firing Point 15. Demolish existing ranges with eight temporary buildings (1,610 SF). Targetry to be funded by other procurement, Army (OPA).						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Riley, Kansas

4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER 6424
--	---------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Range Spt Bldg, Ammo Breakdown	m2 (SF)	66.89 ( 720)	1,460	(98)
Covered Training Area (3)	m2 (SF)	222.97 ( 2,400)	458.75	(102)
Building Information Systems	LS	--	--	(9)
			Total	209

11. REQ: 32 FP ADQT: 16 FP SUBSTD: 32 FP  
PROJECT: Construct a Modified Record Fire Range and a Combat Pistol Range.  
(Current Mission)

REQUIREMENT: The Modified Record Fire Range is required to efficiently and realistically train and evaluate soldiers in basic individual weapons marksmanship, using modern automated target equipment. The Combat Pistol Range is required to provide Active Army, Reserve and National Guard units with combat pistol instructional firing, combat pistol qualification, and Military Police qualification for pistols and shotguns. Both ranges will challenge and evaluate soldiers' ability to effectively engage multiple targets with their individual weapon in a time- constrained, threat-oriented training environment. The zero range is required to properly adjust rifle sights before qualification (where a score is awarded).

CURRENT SITUATION: Rifle marksmanship training is conducted on inadequate, obsolete facilities that severely limit training techniques and capabilities. These ranges are scored by visual observation of targets on each lane, which is unreliable and inaccurate. Existing rifle and pistol ranges will not accommodate the modern Army target systems. Target wiring is deteriorated and requires extensive repairs and piece-meal replacement. The numerous target malfunctions experienced with the present system result in the waste of valuable ammunition, training time, and frustration to soldiers and leaders. Maintenance, repair and manpower costs overextend already overtaxed resources.

IMPACT IF NOT PROVIDED: If this project is not provided, use of inefficient and unreliable manually scored ranges will continue, resulting in inadequate and lost training effort, wasted ammunition and excessive shutdowns, equipment breakdowns, and repairs. Fort Riley will be unable to provide realistic threat-oriented training and qualification for soldiers in one of their most critical skills, basic rifle and pistol marksmanship. Lack of consolidated ranges will continue to force units into a time-consuming, inefficient, and resource-intensive operation. The net loss will be to individual and unit readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. Alternative methods of

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Riley, Kansas		
4.PROJECT TITLE  Modified Record Fire Range	5.PROJECT NUMBER  6424	
<p><u>ADDITIONAL:</u>            (CONTINUED)</p> <p>meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>JUN 2001</u>
(b) Percent Complete As Of January 2001.....		<u>.00</u>
(c) Date 35% Designed.....		<u>SEP 2002</u>
(d) Date Design Complete.....		<u>DEC 2002</u>
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(f) Type of Design Contract: Design-build		
(g) An energy study and life cycle cost analysis will be documented during the final design.		
(2) Basis:		
(a) Standard or Definitive Design: NO		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>90</u>
(b) All Other Design Costs.....		<u>57</u>
(c) Total Design Cost.....		<u>147</u>
(d) Contract.....		<u>94</u>
(e) In-house.....		<u>53</u>
(4) Construction Contract Award..... <u>JUL 2002</u>		
(5) Construction Start..... <u>DEC 2002</u>		
(6) Construction Completion..... <u>DEC 2003</u>		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Riley, Kansas

4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER 6424
--	---------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Modern Targetry, MRFR	OPA	2005	659
Modern Targetry, Cbt Pistol	OPA	2005	500
Info Sys - ISC	OPA	0000	2
Info Sys - PROP	OPA	0000	1
		TOTAL	<u>1,162</u>

Installation Engineer: LTC Wesley Anderson  
Phone Number: 785-239-3906

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Riley Kansas			4.PROJECT TITLE Child Development Center			
5.PROGRAM ELEMENT 22696A		6.CATEGORY CODE 740	7.PROJECT NUMBER 53135		8.PROJECT COST (\$000) Auth                    6,800 Approp                 6,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,770
Child Devopment Center		m2 (SF)	2,323 ( 25,000)		1,604	(3,725)
Special Foundations		LS	--		--	(270)
EMCS Connection		LS	--		--	(21)
Playground w/Equipment		m2 (SF)	2,815 ( 30,300)		165.98	(467)
Antiterrorism Force Protection		LS	--		--	(158)
Building Information Systems		LS	--		--	(129)
<u>SUPPORTING FACILITIES</u>						1,092
Electric Service		LS	--		--	(71)
Water, Sewer, Gas		LS	--		--	(105)
Paving, Walks, Curbs & Gutters		LS	--		--	(164)
Storm Drainage		LS	--		--	(99)
Site Imp( 249) Demo( )		LS	--		--	(249)
Information Systems		LS	--		--	(343)
Antiterrorism/Force Protection		LS	--		--	(61)
ESTIMATED CONTRACT COST						5,862
CONTINGENCY PERCENT (5.00%)						<u>293</u>
SUBTOTAL						6,155
SUPV, INSP & OVERHEAD (5.70%)						351
DESIGN/BUILD - DESIGN COST						<u>246</u>
TOTAL REQUEST						6,752
TOTAL REQUEST (ROUNDED)						6,800
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a 300 child capacity standard-design child development center (CDC). Project includes multi-purpose rooms, administrative offices, full service kitchen, separate adult and children's bathrooms, equipment storage, staff training and central registration area. A new outdoor playground will be provided. Install an energy monitoring and control system (EMCS). Project includes heating, ventilation and air conditioning (HVAC) system commissioning. Supporting facilities include utilities; electric service; exterior lighting; fencing; fire protection and alarm system; paving, walks, curbs, and gutters; parking; information systems; and site improvements. Access for the handicapped will be provided. Anti-terrorism force protection measures include laminated glass and traffic control barriers.						
11. REQ:		7,636 m2	ADQT:		1,870 m2	SUBSTD:                    2,949 m2
PROJECT: Construct a child development center (300 child capacity). (Current Mission)						
REQUIREMENT: Construction of a 300-child capacity child development center is needed to provide programs, activities and developmental needs unique to children six to twelve years of age. The facility will be based on a Corps of Engineers Standard Design, collocated with and connected via an atrium to the						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Child Development Center	5. PROJECT NUMBER  53135
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REQUIREMENT: (CONTINUED)  
existing Youth Services Gymnasium. Architectural and site features will conform to Fort Riley Installation Design Guide (IDG).  
CURRENT SITUATION: There is currently no separate School Age Services facility. These services are presently being provided in combination with the Youth Services activity at Fort Riley, which has already outgrown its facility and is expected to continue to grow.  
IMPACT IF NOT PROVIDED: If this project is not provided, children at Fort Riley will continue to use borrowed space in an increasingly over-utilized facility that is not designed to meet their needs. If School Age Services and Youth Services each continue growing at the present rate, Fort Riley will no longer be able to support them both without one being under-served. The closure of School Age Services could result in children being left home alone, parents having to miss work in order to care for children or being forced to pay for high-cost child care services in the surrounding area. This will adversely impact the quality of life and morale of the soldiers and their families.  
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUN 2001
- (b) Percent Complete As Of January 2001..... .00
- (c) Date 35% Designed..... SEP 2002
- (d) Date Design Complete..... DEC 2002
- (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

1.COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4.PROJECT TITLE  Child Development Center	5.PROJECT NUMBER  53135
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>154</u>
(b) All Other Design Costs.....	<u>98</u>
(c) Total Design Cost.....	<u>252</u>
(d) Contract.....	<u>161</u>
(e) In-house.....	<u>91</u>
 (4) Construction Contract Award.....	<u>JUL 2002</u>
(5) Construction Start.....	<u>DEC 2002</u>
(6) Construction Completion.....	<u>DEC 2003</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NA			

Installation Engineer: LTC Wesley Anderson  
Phone Number: (785) 239-3906

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)				NEW/	
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----	-----
Kentucky		Blue Grass Army Depot (AMC)				171
	40845	Ammunition Demilitarization Fac Ph II	47,230	3,000	N	173
		Subtotal Blue Grass Army Depot PART I	\$ 47,230	3,000		
		Fort Campbell (FORSCOM)				177
	18600	Electrical Substation	10,000	10,000	C	179
	39054	Passenger Processing Facility	11,400	11,400	C	182
	47409	Barracks Complex - Market Garden Rd Ph 3	47,000	47,000	C	185
	49892	Expand Keyhole Hardstand	10,600	10,600	C	188
	50361	Deployment Staging Complex	3,300	3,300	C	191
	51873	Deployment Staging Complex/Rail	3,300	3,300	C	194
	51874	Deployment Staging Complex/Air	3,300	3,300	C	197
		Subtotal Fort Campbell PART I	\$ 88,900	88,900		
		* TOTAL MCA FOR Kentucky	\$ 136,130	91,900		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001			
3. INSTALLATION AND LOCATION  Blue Grass Army Depot Kentucky			4. COMMAND  US Army Materiel Command				5. AREA CONSTRUCTION COST INDEX  0.98			
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	4	2	491	0	0	0	0	2	381	880
B. END FY 2006	2	1	664	0	0	0	0	2	367	1,036
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....			5,907 ha			(14,596 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							966,922			
C. AUTHORIZATION NOT YET IN INVENTORY.....							11,300			
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							47,230			
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							4,000			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							98,000			
G. REMAINING DEFICIENCY.....							31,700			
H. GRAND TOTAL.....							1,159,152			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT						COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)	START	COMPLETE		
216	40845	Ammunition Demilitarization Fac Ph II				3,000	10/2000	04/2004		
					TOTAL	3,000				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY						COST				
CODE	PROJECT TITLE				(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM:										
860	Ammunition Infrastructure Improvements				4,000					
216	Ammunition Demilitarization Fac Ph-III				10,000					
					TOTAL	14,000				
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):										
216	Ammo Demil Facility-Phase VI				62,000					
216	Ammunition Demilitarization Fac Ph-IV				36,000					
					TOTAL	98,000				
10. MISSION OR MAJOR FUNCTIONS:										
To operate a multi-purpose depot activity providing for the receipt, storage, issue and maintenance (COMSEC) of assigned commodities; provide installation support to attached organizations; and operate such other facilities as may be assigned.										

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001								
INSTALLATION AND LOCATION: Blue Grass Army Depot                      Kentucky										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$18,874,000, based on the Installation Status Report Information on conditions as of October 2000.</p>										

1.COMONENT DEF (DA)		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Blue Grass Army Depot Kentucky				4.PROJECT TITLE Ammunition Demilitarization Fac Ph II		
5.PROGRAM ELEMENT 78007A		6.CATEGORY CODE 216	7.PROJECT NUMBER 40845		8.PROJECT COST (\$000) Auth                    47,230 Approp                 3,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						162,126
Munition Demil Building		m2 (SF)	7,661 ( 82,466)		13,059	(100,052)
Process & Utility Building		m2 (SF)	1,877 ( 20,200)		6,341	(11,899)
Container Handling Building		m2 (SF)	3,465 ( 37,300)		5,207	(18,044)
Corridor		m2 (SF)	603.87 ( 6,500)		5,207	(3,144)
Process Support Building		m2 (SF)	1,186 ( 12,767)		3,832	(4,545)
Total from Continuation page						(24,442)
<u>SUPPORTING FACILITIES</u>						43,334
Electric Service		LS	--		--	(20,193)
Water, Sewer, Gas		LS	--		--	(7,240)
Paving, Walks, Curbs & Gutters		LS	--		--	(7,220)
Storm Drainage		LS	--		--	(1,415)
Site Imp( 6,517) Demo(            )		LS	--		--	(6,517)
Information Systems		LS	--		--	(749)
ESTIMATED CONTRACT COST						205,460
CONTINGENCY PERCENT (5.00%)						<u>10,273</u>
SUBTOTAL						215,733
SUPV, INSP & OVERHEAD (5.70%)						12,297
DESIGN/BUILD - DESIGN COST						<u>15,000</u>
TOTAL REQUEST						243,030
TOTAL REQUEST (ROUNDED)						243,030
INSTALLED EQT-OTHER APPROP						(110,269)
10.Description of Proposed Construction      Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations which are split over more than one fiscal year. This request is for Increment II (\$3.0 million). Increment I (Project Number (PN) 21994, \$195.8 million, in authorization only) was approved in FY 2000. Increment III (PN 47847, \$10.0 million) is planned for FY 2003, Increment IV (PN 50552, \$80.03 million) is planned for FY 2004, Increment V (PN 51027, \$88.0 million) is planned for FY 2005, and Increment VI (PN 54429, \$62.0 million) is planned for FY 2006. This project, at full authorization and appropriation will provide for the design and construction of facilities for pilot testing an alternative to incineration. The technology to be implemented at Blue Grass Chemical Activity has not been selected at this time. The technology decision process will begin with the publication of the Notice of Intent (NOI) that will formally begin the 15-18 month Environmental Impact Statement (EIS) process. The Record of Decision (ROD) will document the decision process in making the technology decision. At this point, there are two viable technologies (incineration and neutralization followed by super critical water oxidation). A potential to include three additional technologies (electrical chemical oxidation, solvated electron technology and neutralization followed by critical oxidation) in the Environmental Impact Statement does exist. If any or all of these technologies						

1. COMPONENT DEF (DA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Blue Grass Army Depot, Kentucky

4. PROJECT TITLE Ammunition Demilitarization Fac Ph II	5. PROJECT NUMBER 40845
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Process Maintenance Building	m2 (SF)	1,736 ( 18,683)	4,236	(7,353)
Entry Control Facility	m2 (SF)	115.48 ( 1,243)	16,053	(1,854)
Laboratory	m2 (SF)	780.39 ( 8,400)	11,283	(8,805)
Treaty Compliance Facility	m2 (SF)	281.68 ( 3,032)	7,673	(2,161)
Warehouse	m2 (SF)	2,601 ( 28,000)	1,084	(2,819)
IDS Installation	LS	--	--	(641)
Building Information Systems	LS	--	--	(809)
			Total	24,442

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

is validated under the Assembled Chemical Weapons Assessment (ACWA) program, they will be included in the Blue Grass EIS. The demonstration of these three technologies is currently underway. A technology decision is expected during the 3rd quarter of FY 2002. Once the decision is made, changes are anticipated during the pilot operations due to the Research and Development nature of this one-on-a-kind prototype process plan and the optimization required prior to commencing full production operations. Work includes a munitions demilitarization building (MDB); a process auxiliary building; a filter farm building; an utility building; a personnel and maintenance building with change rooms; maintenance storage and a medical treatment area; a warehouse; a process support and administrative building; a chemical analysis laboratory; an entry control facility; and office/storage space and laboratory for non-US inspectors and associated US escorts. Features include blast doors, fire protection, a cascading heating, ventilation, air conditioning (HVAC) system with airlocks, air filtration, protective clothing area, toxic chemical resistive coatings and surfaces, and explosion-proof electrical fixtures. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service with and electrical substation; standby electric generators; security fencing and lighting; paving, walks, curbs and gutters; storm drainage; information systems; fuel storage; and site improvements. Heating will be provided by a gas-fired central system. Air conditioning will be provided by self-contained units.

11. REQ:	20,307 m2	ADQT:	NONE	SUBSTD:	NONE
<u>PROJECT:</u> Design and construct a toxic chemical munitions demilitarization facility. (New Mission)					
<u>REQUIREMENT:</u> This project is required to demilitarize and dispose of the toxic chemical agents and munitions stored at Blue Grass Chemical Activity in a safe, environmentally acceptable manner. The two technologies under consideration for this site include incineration and neutralization followed					



1. COMPONENT DEF (DA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Blue Grass Army Depot, Kentucky

4. PROJECT TITLE Ammunition Demilitarization Fac Ph II	5. PROJECT NUMBER 40845
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	700
(b) All Other Design Costs.....	1,400
(c) Total Design Cost.....	2,100
(d) Contract.....	
(e) In-house.....	2,100
(4) Construction Contract Award.....	MAY 2003
(5) Construction Start.....	MAY 2004
(6) Construction Completion.....	MAY 2006

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Process Equipment	CAMD.A	2003	76,208
Process Equipment	CAMD.A	2004	19,584
Process Equipment	CAMD.A	2005	14,051
Info Sys - ISC	OPA	2002	348
Info Sys - PROP	OPA	2002	78
		TOTAL	110,269

Installation Engineer: Ms. Ronda Shay  
Phone Number: 606 625-6358

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001				
3. INSTALLATION AND LOCATION  Fort Campbell Kentucky			4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  1.06					
6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 2000	2935	20395	2026	8	163	0	23	157	4962	30,669	
B. END FY 2006	2920	20314	1866	6	163	0	23	157	4962	30,411	
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....	42,520 ha			(105,070 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							3,686,248				
C. AUTHORIZATION NOT YET IN INVENTORY.....							336,554				
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							88,900				
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							48,400				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							241,696				
H. GRAND TOTAL.....							4,401,798				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS					
CODE	NUMBER	PROJECT TITLE		(\$000)		START	COMPLETE				
813	18600	Electrical Substation		10,000		07/2001	12/2002				
141	39054	Passenger Processing Facility		11,400		03/2000	09/2001				
721	47409	Barracks Complex - Market Garden Rd Ph 3		47,000		03/1999	09/2001				
113	49892	Expand Keyhole Hardstand		10,600		03/2000	08/2002				
442	50361	Deployment Staging Complex		3,300		03/2000	08/2002				
610	51873	Deployment Staging Complex/Rail		3,300		03/2000	09/2001				
610	51874	Deployment Staging Complex/Air		3,300		03/2000	08/2002				
				TOTAL		88,900					
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY		PROJECT TITLE		COST							
CODE	PROJECT TITLE		(\$000)								
A. INCLUDED IN THE FY 2003 PROGRAM:											
721	Barracks Complex - Range Road, Ph 1		48,400								
				TOTAL		48,400					
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
Support and training of an Airborne (Air Assault) Division and other non-divisional support units. Ensure the most efficient utilization of resources to operate the installation and discharge the Fort Campbell area support mission. Ensure that Fort Campbell is prepared for mobilization. Provide command and											



1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky				4.PROJECT TITLE Electrical Substation		
5.PROGRAM ELEMENT  88911A		6.CATEGORY CODE  813	7.PROJECT NUMBER  18600		8.PROJECT COST (\$000) Auth                    10,000 Approp                 10,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
69 KV Transmission Line Restrict		km (MI)	2.57 (    1.60)		84,095	8,719 (216)
Street/Area Lighting		m (LF)	149,962 ( 492,000)		15.18	(2,276)
Electrical System Safety Upgrad		LS	--		--	(709)
69 KV TVA Feeder & Substation w		EA	1 --		5517668	(5,518)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						8,719
CONTINGENCY PERCENT (5.00%)						<u>436</u>
SUBTOTAL						9,155
SUPV, INSP & OVERHEAD (5.70%)						522
DESIGN/BUILD - DESIGN COST						<u>366</u>
TOTAL REQUEST						10,043
TOTAL REQUEST (ROUNDED)						10,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Construct a new 60,000 KVA, 161 KV to 69 KV substation and 69 KV transmission feeder. Replace transmission line between Woodlawn Road substation and Clarksville Base substation, street and area lights, old light poles, copper lighting circuit conductor, old overhead copper wire, and transformer. Project also includes security fencing.						
11. REQ:		166,350 kVA ADQT:		106,350 kVA SUBSTD:		NONE
PROJECT: Construct new 60,000 KVA substation and primary distribution feeder. (Current Mission)						
REQUIREMENT: This project is required to provide a second, full-capacity electric power feeder to the Fort Campbell sub-transmission system. The second feeder is required to prevent a single supply point failure from causing loss of electric power to Fort Campbell for extended periods of time. Additionally, this project is required to correct electrical system deficiencies, safety code violations, and upgrade post lighting for safety and security.						
CURRENT SITUATION: Electrical Power is supplied to Fort Campbell by the Tennessee Valley Authority (TVA) through a single 69 KV sub-transmission feeder from TVA's Edgoten Substation. Unlike the redundant power lines serving most town and cities, where wide-area power outages are of relatively short duration, interruption or failure of this single feeder causes Fort Campbell						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4. PROJECT TITLE  Electrical Substation	5. PROJECT NUMBER  18600
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CURRENT SITUATION: (CONTINUED)  
to suffer an immediate, installation-wide, electrical power outage of indeterminate duration. The situation is worsened by the fact that many electrical system components are 40-50 years old, consist of many patchwork repairs, and do not meet present-day safety codes, security lighting standards, or energy conservation technologies. The modern Army's dependence on automation systems and Fort Campbell's troop deployment mission makes this situation all the more critical to national defense. A critical example of this occurred on 18 Jan 99. Fort Campbell experienced a postwide power outage of 12 hours. There have been similar outages during other periods, especially during extremely cold weather. These events halted mission-essential tasks, extinguished security lighting in critical areas, and caused extensive damage to plumbing and other building systems due to freezing.

IMPACT IF NOT PROVIDED: If this project is not provided, the reliability and availability of electrical service on Fort Campbell will continue to deteriorate at the expense of readiness and Fort Campbell's deployment capability. Outages will only increase if dependence on this single feeder and aging electrical system continues.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. No anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... JUL 2001
    - (b) Percent Complete As Of January 2001.....       .00
    - (c) Date 35% Designed..... SEP 2002
    - (d) Date Design Complete..... DEC 2002
    - (e) Parametric Cost Estimating Used to Develop Costs       YES
    - (f) Type of Design Contract: Design-build
  - (2) Basis:
    - (a) Standard or Definitive Design: NO
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e):                   (\$000)

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4.PROJECT TITLE  Electrical Substation	5.PROJECT NUMBER  18600
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	220
(b) All Other Design Costs.....	140
(c) Total Design Cost.....	360
(d) Contract.....	230
(e) In-house.....	130
(4) Construction Contract Award.....	JUL 2002
(5) Construction Start.....	DEC 2002
(6) Construction Completion.....	JUN 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: Thomas L. Bailey  
Phone Number: 270-798-9700

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Campbell Kentucky	4. PROJECT TITLE Passenger Processing Facility
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5. PROGRAM ELEMENT 46029A	6. CATEGORY CODE 141	7. PROJECT NUMBER 39054	8. PROJECT COST (\$000) Auth 11,400 Approp 11,400
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				
Passenger Processing Facility	m2 (SF)	6,991 ( 75,255)	1,209	8,891 (8,454)
Antiterrorism Force protection	LS	--	--	(75)
Hardstand	m2 (SY)	3,595 ( 4,300)	60.22	(217)
Building Information Systems	LS	--	--	(145)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	1,341 (270)
Water, Sewer, Gas	LS	--	--	(313)
Paving, Walks, Curbs & Gutters	LS	--	--	(359)
Storm Drainage	LS	--	--	(45)
Site Imp( 239) Demo( )	LS	--	--	(239)
Information Systems	LS	--	--	(25)
Antiterrorism/Force Protection	LS	--	--	(90)
ESTIMATED CONTRACT COST				10,232
CONTINGENCY PERCENT (5.00%)				512
SUBTOTAL				10,744
SUPV, INSP & OVERHEAD (5.70%)				612
TOTAL REQUEST				11,356
TOTAL REQUEST (ROUNDED)				11,400
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct a Departure/Arrival Airfield Control Group (DAACG) operations facility to include a passenger terminal, a ready/sterile area, operations and administrative area. Anti-terrorism/force protection (AT/FP) measures include laminated glass and exterior walls constructed of reinforced concrete or masonry. Supporting facilities include utilities; electric service, metered underground power, and exterior lighting; emergency generator; fire sprinklers, fire protection and alarm systems; parking, loading lots, and access road; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating, ventilation, and air conditioning (250 tons) will be provided by a self-contained and separately zoned system. Comprehensive interior design is required.

11. REQ:	6,991 m2	ADQT:	NONE	SUBSTD:	864 m2
PROJECT: Construct a Departure/Arrival Airfield Control Group (DAACG) operations facility and Passenger Processing Center in support of the Army's Strategic Mobility Program. (Current Mission)					
REQUIREMENT: During major deployments, the installation is required to provide a DAACG operations facility. The facility will be used for both deployment and return from deployment activities. The complete processing of					

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Campbell, Kentucky		
4. PROJECT TITLE  Passenger Processing Facility	5. PROJECT NUMBER  39054	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>the soldier and his baggage, together with any cargo, to include customs processing, will be accomplished within this facility. This will reduce logistical difficulties presently encountered in processing soldiers for airlift exercises.</p> <p><u>CURRENT SITUATION:</u>    The existing facilities (using gymnasiums and an aircraft hangar) are inadequate to meet the installation requirements for power projection. The existing DAACG soldier processing facility is inadequate for processing the number of soldiers being deployed. It is located in a flood zone and has limited sanitation facilities. There are no facilities available to build baggage pallets. During Operation Desert Storm/Shield, soldiers were processed and housed in hangars. The hangars were not designed with sufficient fire protection, ventilation/heating, latrines/showers, and other features to accommodate large numbers of soldiers. Processing of baggage and preparation of flight manifests must be done at least one day prior to load and departure due to lack of a central processing facility at the airfield. An average of 7,500 soldiers are airlifted annually through Fort Campbell Airfield while participating in various missions and exercises which include Joint Readiness Training Center (JRTC) exercises, Joint Airborne/Air Transportability Training (JA/ATT), Emergency Deployment Readiness Exercise (EDRE) and various other exercises involving Special Operations and Reserve Component units. During the Operation Desert Shield/Desert Storm airlift, 187 aircraft were handled through CAAF involving in excess of 43,000 passengers on deployment and return from deployment operations.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, rapid deployment will continue to be impacted by use of poor facilities scattered throughout the installation. In an environment characterized by round-the-clock operations, little rest, high noise, stress, multi-million dollar aircraft, and large personnel and cargo movements, facility deficiencies are demoralizing, disruptive, and potentially life-threatening. Poor facilities jeopardize mission objective of the Division and tenant military units which require well-designed facilities to process and to deploy rapidly.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4. PROJECT TITLE  Passenger Processing Facility	5. PROJECT NUMBER  39054
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... MAR 2000
  - (b) Percent Complete As Of January 2001..... 30.00
  - (c) Date 35% Designed..... FEB 2001
  - (d) Date Design Complete..... SEP 2001
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
- (2) Basis:
- (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 600
  - (b) All Other Design Costs..... 375
  - (c) Total Design Cost..... 975
  - (d) Contract..... 750
  - (e) In-house..... 225
- (4) Construction Contract Award..... MAR 2002
- (5) Construction Start..... APR 2002
- (6) Construction Completion..... DEC 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: COL Thomas Bailey  
Phone Number: 502 798-9700

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky			4.PROJECT TITLE Barracks Complex - Market Garden Rd Ph 3			
5.PROGRAM ELEMENT  22696A		6.CATEGORY CODE  721	7.PROJECT NUMBER  47409		8.PROJECT COST (\$000) Auth                    47,000 Approp                 47,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						35,271
Barracks		m2 (SF)	10,342 ( 111,320)		1,457	(15,071)
Soldier Community Building		m2 (SF)	1,442 ( 15,522)		1,358	(1,959)
Company Operations Facilities		m2 (SF)	7,206 ( 77,565)		1,346	(9,702)
Battalion Headquarters, 2 EA		m2 (SF)	2,851 ( 30,688)		1,572	(4,483)
Brigade Headquarters Building		m2 (SF)	950 ( 10,226)		1,583	(1,504)
Total from Continuation page						(2,552)
<u>SUPPORTING FACILITIES</u>						6,889
Electric Service		LS	--		--	(1,052)
Water, Sewer, Gas		LS	--		--	(369)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,541)
Storm Drainage		LS	--		--	(213)
Site Imp( 1,144) Demo( 2,036)		LS	--		--	(3,180)
Information Systems		LS	--		--	(326)
Antiterrorism/Force Protection		LS	--		--	(208)
ESTIMATED CONTRACT COST						42,160
CONTINGENCY PERCENT (5.00%)						<u>2,108</u>
SUBTOTAL						44,268
SUPV, INSP & OVERHEAD (5.70%)						<u>2,523</u>
TOTAL REQUEST						46,791
TOTAL REQUEST (ROUNDED)						47,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct the third of a three-phase barracks complex. Project includes a barracks, soldier community building, a brigade headquarters, a medium battalion headquarters, a large one-story battalion headquarters, and ten company operations facilities. Connect energy monitoring and control systems (EMCS). Install an intrusion detection system (IDS) in vault area. Anti-terrorism/force protection measures include laminated glass, reinforced concrete and concrete masonry for exterior walls. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; access roads; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by gas-fired units and air conditioning (700 tons) by self-contained units. Demolish 16 buildings (15,240 m2) (164,043 SF). Comprehensive interior design is required.						
11. REQ:		7,272 PN	ADQT:		4,739 PN	SUBSTD:                    2,533 PN
PROJECT: Construct a standard-design barracks complex with soldier community building, brigade headquarters, battalion headquarters, and company operations facilities to meet the Whole Barracks Renewal Program standards. (Current Mission)						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4. PROJECT TITLE  Barracks Complex - Market Garden Rd Ph 3	5. PROJECT NUMBER  47409
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connection	LS	--	--	(204)
IDS Installation	LS	--	--	(51)
Antiterrorism Force Protection	LS	--	--	(486)
Building Information Systems	LS	--	--	<u>(1,811)</u>
			Total	2,552

REQUIREMENT: This project is required to provide adequate barracks, operations, and community facilities. Maximum utilization is 336 spaces. Intended utilization is 280 E1-E4 and 28 E5-E6. The battalion headquarters and company operations facilities are required to provide key and essential administrative and operational support for the units involved.

CURRENT SITUATION: Soldiers are living in inadequate Korean War-era barracks that do not provide the minimum square footage required by current Army standards. The barracks presently provided for this brigade have gang latrines, deteriorating heating and cooling systems, and undersized sewage drains that periodically overflow.

IMPACT IF NOT PROVIDED: If this project is not provided, single soldiers stationed at Fort Campbell will continue to live in barracks which lack authorized living space, properly functioning heating and cooling systems, adequately sized utilities, safety and security components. Soldiers will not have facilities that provide adequate security, privacy and comfort.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE

CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$3.7M has been spent on Real Property Maintenance of unaccompanied enlisted personnel housing at Fort Campbell. Upon completion of this project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is for 2,197 personnel at this installation.

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4.PROJECT TITLE  Barracks Complex - Market Garden Rd Ph 3	5.PROJECT NUMBER  47409
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAR 1999
  - (b) Percent Complete As Of January 2001..... 35.00
  - (c) Date 35% Designed..... MAY 2000
  - (d) Date Design Complete..... SEP 2001
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Fort Campbell
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 850
  - (b) All Other Design Costs..... 185
  - (c) Total Design Cost..... 1,035
  - (d) Contract..... \_\_\_\_\_
  - (e) In-house..... 1,035
  
- (4) Construction Contract Award..... MAR 2002
  
- (5) Construction Start..... APR 2002
  
- (6) Construction Completion..... OCT 2005

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>Or Requested</u>	<u>(\$000)</u>
	NA		

Installation Engineer: COL THOMAS BAILEY  
Phone Number: 270 798-9700

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky			4. PROJECT TITLE Expand Keyhole Hardstand		
5. PROGRAM ELEMENT 46029A	6. CATEGORY CODE 113	7. PROJECT NUMBER 49892	8. PROJECT COST (\$000) Auth                    10,600 Approp                 10,600		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					8,883
Concrete Hardstand		m2 (SY)	73,407 ( 87,794)	89.76	(6,589)
Shoulder Paving		m2 (SY)	13,332 ( 15,945)	31.29	(417)
Mooring & Grounding Points		EA	500 --	194.19	(97)
Concrete Pavement Removal		m3 (CY)	9,705 ( 12,694)	62.57	(607)
Excavation		m3 (CY)	80,081 ( 104,742)	11.22	(899)
Total from Continuation page					(274)
<u>SUPPORTING FACILITIES</u>					345
Storm Drainage		LS	--	--	(333)
Site Imp( 12) Demo( )		LS	--	--	(12)
ESTIMATED CONTRACT COST					9,228
CONTINGENCY PERCENT (5.00%)					<u>461</u>
SUBTOTAL					9,689
SUPV, INSP & OVERHEAD (5.70%)					552
DESIGN/BUILD - DESIGN COST					<u>373</u>
TOTAL REQUEST					10,614
TOTAL REQUEST (ROUNDED)					10,600
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction      Construct a hardstand loading apron for aircraft. Supporting facilities include utilities, storm drainage, information systems, paving, curbs, gutters and site improvements. Access for the handicapped will be provided.					
11. REQ:                    192,357 m2    ADQT:                    118,950 m2    SUBSTD:                    NONE					
PROJECT:    Expand keyhole hardstand area to support the Army's Strategic Mobility Program. (Current Mission)					
REQUIREMENT:    This project is required for rapid deployment of soldiers, supplies, equipment, and ammunition out of Fort Campbell. The large C-5, C-10, C-17 aircraft have too great a turning radius to fit into the existing keyholes. As a result, ammunition cannot be loaded on to the large aircraft in the keyholes, as directed by DoD explosives requirements. The requirement on the installation is to be able to park ten large body aircraft during a major deployment. The existing parking aprons now limit parking to five. The expanded keyhole hardstand will increase by five for a total of ten large body aircraft that will be able to park on the expanded keyhole apron and existing parking aprons. This will increase flexibility and safe loading/unloading of ammunition, troops, supplies, and equipment for rapid deployment and return from deployment in support of this installation's Division and Special					

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001		
3. INSTALLATION AND LOCATION  Fort Campbell, Kentucky				
4. PROJECT TITLE  Expand Keyhole Hardstand	5. PROJECT NUMBER  49892			
9. COST ESTIMATES (CONTINUED)				
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Reroute/Demolish Taxiway Lights	LS	--	--	(13)
6-Way Elec Ductbank & Manhole	LS	--	--	(234)
Replacement Wire & Cables	LS	--	--	(27)
			Total	274
<u>REQUIREMENT: (CONTINUED)</u>				
Operations forces.				
<u>CURRENT SITUATION:</u> Presently C-141 aircraft which have a smaller turning radius than large body aircraft can be parked in and loaded from the keyholes. The C-141s are being replaced by the C-17 aircraft which cannot be parked/loaded from the keyholes because of their larger turning radius. Ammunition, soldiers, supplies and equipment cannot now be loaded on to the large C-5, C-10, and C-17 aircraft on keyholes. Loading of ammunition onto larger aircraft is normally now done on the NE-SW taxiway between keyholes 1 and 2. There are no grounding points, and fuel trucks and support equipment are unable to get to the taxiway. If loading of ammunition is being done on the NE-SW taxiway between keyholes 1 and 2, other aircraft are blocked from moving onto the main departure runway.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, rapid deployment of troops out of Fort Campbell is limited. Flexibility and maneuverability of aircraft is restricted by keyhole size limitations, which affects refueling, maintenance, flight safety, simultaneous missions support, and proximity of troops, supplies, equipment and ammunition to aircraft.				
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, no anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.				

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4. PROJECT TITLE  Expand Keyhole Hardstand	5. PROJECT NUMBER  49892
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... MAR 2000
  - (b) Percent Complete As Of January 2001..... 15.00
  - (c) Date 35% Designed..... MAY 2002
  - (d) Date Design Complete..... AUG 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 400
- (b) All Other Design Costs..... 100
- (c) Total Design Cost..... 500
- (d) Contract..... 350
- (e) In-house..... 150

(4) Construction Contract Award..... MAR 2002

(5) Construction Start..... AUG 2002

(6) Construction Completion..... SEP 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NONE

Installation Engineer: COL Thomas Bailey  
Phone Number: 502 798-9700

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky			4.PROJECT TITLE Deployment Staging Complex			
5.PROGRAM ELEMENT 46029A		6.CATEGORY CODE 442	7.PROJECT NUMBER 50361		8.PROJECT COST (\$000) Auth                    3,300 Approp                 3,300	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,262
Deployment Staging Facility		m2 (SF)	1,194 ( 12,850)		1,045	(1,247)
Rollerball Transfer Mat/Scales		m2 (SF)	1,194 ( 12,850)		837.11	(999)
IDS Installation		LS	--		--	(2)
Building Information Systems		LS	--		--	(14)
<u>SUPPORTING FACILITIES</u>						600
Electric Service		LS	--		--	(74)
Water, Sewer, Gas		LS	--		--	(128)
Paving, Walks, Curbs & Gutters		LS	--		--	(350)
Storm Drainage		LS	--		--	(4)
Site Imp( 13) Demo( )		LS	--		--	(13)
Information Systems		LS	--		--	(31)
ESTIMATED CONTRACT COST						2,862
CONTINGENCY PERCENT (5.00%)						<u>143</u>
SUBTOTAL						3,005
SUPV, INSP & OVERHEAD (5.70%)						171
DESIGN/BUILD - DESIGN COST						<u>121</u>
TOTAL REQUEST						3,297
TOTAL REQUEST (ROUNDED)						3,300
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a deployment staging building. Heat will be provided by a self-contained system. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements.						
11. REQ:                    53,635 m2    ADQT:                    34,876 m2    SUBSTD:                    18,759 m2						
PROJECT: Construct a deployment staging facility in support of the Army's Strategic Mobility Program. (Current Mission)						
REQUIREMENT: This facility is required to eliminate the need to make multi-moves of contingency pallets during an actual deployment or training exercise to the airfield. This movement of pallets from warehouses throughout the installation will be eliminated. Contingency pallets would be permanently stored in the deployment staging facility warehouse. This pre-storage of the pallets will eliminate a large requirement for extra manpower and transportation assets during the deployment. This facility will extend the life of expensive deployment pallets by eliminating the current damage caused when staged in a gravel field. The gravel could also get in the tires of the K loaders and carried up into the aircraft, causing damage to the aircraft. This facility will save time in hauling pallets as there is now multiple handling and the operation moves slowly. The facility will provide storage of pre-built						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4. PROJECT TITLE  Deployment Staging Complex	5. PROJECT NUMBER  50361
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REQUIREMENT: (CONTINUED)  
pallets which have deployment materials and equipment on them all the time, and will provide protection from adverse weather conditions to stored pallets and to repack pallets. It will consolidate the movement control office operations area, the pallet storage, and a storage area for equipment utilized to rebuild pallets into one centrally controlled operation.

CURRENT SITUATION: There is presently no consolidated aircraft load storage area. Pallets to be loaded on aircraft are stored in warehouses throughout the installation and are brought out to the airfield and stored in an open graveled area just before deployment. The prepared pallets must remain in the weather until loaded onto the aircraft. If they need to be modified or the loads changed, the work is in adverse weather conditions.

IMPACT IF NOT PROVIDED: If this project is not provided, multiple handling of the same pallets will continue to occur, resulting in considerable lost time and inefficient use of manpower and Materials Handling Equipment. Pallets and material handling systems will continue to be damaged because of the gravel in the pallet storage area.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAR 2000
  - (b) Percent Complete As Of January 2001..... 15.00
  - (c) Date 35% Designed..... MAY 2002
  - (d) Date Design Complete..... AUG 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 125

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4.PROJECT TITLE  Deployment Staging Complex	5.PROJECT NUMBER  50361
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs.....	75
(c) Total Design Cost.....	200
(d) Contract.....	110
(e) In-house.....	90
 (4) Construction Contract Award.....	<u>MAR 2002</u>
(5) Construction Start.....	<u>AUG 2002</u>
(6) Construction Completion.....	<u>DEC 2003</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: COL THomas Bailey  
Phone Number: 502 798-9700

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Campbell Kentucky	4. PROJECT TITLE Deployment Staging Complex/Rail
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5. PROGRAM ELEMENT 46029A	6. CATEGORY CODE 610	7. PROJECT NUMBER 51873	8. PROJECT COST (\$000) Auth 3,300 Approp 3,300
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				1,627
Operations Building (2 EA)	m2 (SF)	261.61 ( 2,816)	1,716	(449)
Maintenance Building	m2 (SF)	487.74 ( 5,250)	1,009	(492)
Multipurpose Building	m2 (SF)	325.16 ( 3,500)	1,106	(360)
Scale House	m2 (SF)	293.57 ( 3,160)	822.37	(241)
Building Information Systems	LS	--	--	(85)
<b>SUPPORTING FACILITIES</b>				1,347
Electric Service	LS	--	--	(108)
Water, Sewer, Gas	LS	--	--	(843)
Paving, Walks, Curbs & Gutters	LS	--	--	(138)
Storm Drainage	LS	--	--	(8)
Site Imp( 38) Demo( )	LS	--	--	(38)
Information Systems	LS	--	--	(146)
Antiterrorism/Force Protection	LS	--	--	(66)
ESTIMATED CONTRACT COST				2,974
CONTINGENCY PERCENT (5.00%)				149
SUBTOTAL				3,123
SUPV, INSP & OVERHEAD (5.70%)				178
TOTAL REQUEST				3,301
TOTAL REQUEST (ROUNDED)				3,300
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct two Operations buildings, Maintenance building, Scale House, and Multi-Purpose building. Support facilities include utilities, electric service, paving, storm drainage, information systems, and site improvements. Anti-terrorism/Force Protection includes barriers and laminated glass. Cost of supporting facilities is high because all utilities must be extended to the remotely located facility.

11. REQ: 54,250 m2 ADQT: 11,897 m2 SUBSTD: 42,347 m2  
PROJECT: Construct deployment/mobilization operational facilities at the new on-post railroad marshalling yard to support the Army's Strategic Mobility Program. (Current Mission)  
REQUIREMENT: The 24-hour operational facilities at the on-post railroad marshalling yard are needed to enhance the deployment and mobilization operation; to provide operational facilities for use of automated data processing (ADP) equipment; to provide command and control capability and to provide quality of life amenities for personnel working during deployment.  
CURRENT SITUATION: There are no buildings from which personnel involved in the rail upload/download process can communicate or coordinate with units, higher commands or utilize automated systems. The railhead is also an unimproved utilities area. There is no water, no sewage, and no fixed

1.COMONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001																						
3.INSTALLATION AND LOCATION  Fort Campbell, Kentucky																								
4.PROJECT TITLE  Deployment Staging Complex/Rail	5.PROJECT NUMBER  51873																							
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>communication lines.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, deployment capabilities will continue to be adversely affected when coordination and communication contact cannot be made between unit commands, Emergency Operations Center and others involved in the deployment processes. Automated equipment cannot be utilized and no quality of life amenities exist for personnel working in the area.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>																								
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>MAR 2000</td> </tr> <tr> <td>(b) Percent Complete As Of January 2001.....</td> <td>30.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>MAY 2001</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>SEP 2001</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>YES</td> </tr> <tr> <td>(f) Type of Design Contract: Design-bid-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td>150</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td>140</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td>290</td> </tr> <tr> <td>(d) Contract.....</td> <td>200</td> </tr> <tr> <td>(e) In-house.....</td> <td>90</td> </tr> </table> <p>(4) Construction Contract Award..... MAR 2002</p> <p>(5) Construction Start..... APR 2002</p>			(a) Date Design Started.....	MAR 2000	(b) Percent Complete As Of January 2001.....	30.00	(c) Date 35% Designed.....	MAY 2001	(d) Date Design Complete.....	SEP 2001	(e) Parametric Cost Estimating Used to Develop Costs	YES	(f) Type of Design Contract: Design-bid-build		(a) Production of Plans and Specifications.....	150	(b) All Other Design Costs.....	140	(c) Total Design Cost.....	290	(d) Contract.....	200	(e) In-house.....	90
(a) Date Design Started.....	MAR 2000																							
(b) Percent Complete As Of January 2001.....	30.00																							
(c) Date 35% Designed.....	MAY 2001																							
(d) Date Design Complete.....	SEP 2001																							
(e) Parametric Cost Estimating Used to Develop Costs	YES																							
(f) Type of Design Contract: Design-bid-build																								
(a) Production of Plans and Specifications.....	150																							
(b) All Other Design Costs.....	140																							
(c) Total Design Cost.....	290																							
(d) Contract.....	200																							
(e) In-house.....	90																							

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Fort Campbell, Kentucky
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4. PROJECT TITLE  Deployment Staging Complex/Rail	5. PROJECT NUMBER  51873
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)  
(6) Construction Completion..... DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: COL Thomas Bailey  
Phone Number: 502 798-9700

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky				4.PROJECT TITLE Deployment Staging Complex/Air		
5.PROGRAM ELEMENT  46029A		6.CATEGORY CODE  610	7.PROJECT NUMBER  51874		8.PROJECT COST (\$000) Auth                    3,300 Approp                 3,300	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,192
Multipurpose Building		m2 (SF)	325.16 ( 3,500)		1,114	(362)
Operations Building		m2 (SF)	128 ( 1,378)		1,433	(183)
Airfield Aprons		m2 (SF)	37,000 ( 398,265)		41.77	(1,545)
Building Information Systems		LS	--		--	(102)
<u>SUPPORTING FACILITIES</u>						679
Electric Service		LS	--		--	(38)
Water, Sewer, Gas		LS	--		--	(323)
Paving, Walks, Curbs & Gutters		LS	--		--	(7)
Storm Drainage		LS	--		--	(4)
Site Imp( 82) Demo( )		LS	--		--	(82)
Information Systems		LS	--		--	(122)
Antiterrorism/Force Protection		LS	--		--	(103)
ESTIMATED CONTRACT COST						2,871
CONTINGENCY PERCENT (5.00%)						<u>144</u>
SUBTOTAL						3,015
SUPV, INSP & OVERHEAD (5.70%)						172
DESIGN/BUILD - DESIGN COST						<u>122</u>
TOTAL REQUEST						3,309
TOTAL REQUEST (ROUNDED)						3,300
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct an addition to the Division Alert Hold Area (AHA), aprons, a Command/Control building and a multi-purpose building. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; information systems; and site improvements. Anti-terrorism/force protection for supporting facilities includes exterior lighting, fencing, and gates.						
11. REQ:                    54,250 m2    ADQT:                    11,897 m2    SUBSTD:                    42,347 m2						
PROJECT: Construct an addition to the division air deployment/mobilization Alert Hold Area and associated operations facilities supporting the Army's Strategic Mobility Program. (Current Mission)						
REQUIREMENT: The facility is needed to enhance the deployment/mobilization operation; to provide 24-hour operational facilities for use of automated data processing (ADP) equipment; to provide command and control capability. Expansion of the Alert Hold Area (AHA) will provide adequate area to stage the Division Ready Brigade and supporting units equipment. In addition, pre-inspection and maintenance can be performed.						
CURRENT SITUATION: Soldiers are currently working in a deteriorating trailer; electrical connections are a safety hazard; there is inadequate communications capability; newly fielded transportation automation equipment						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4. PROJECT TITLE  Deployment Staging Complex/Air	5. PROJECT NUMBER  51874
--	--------------------------------

CURRENT SITUATION: (CONTINUED)  
cannot be used in the area because of the inadequate communication and electrical connection. There are no quality of life amenities in the area for the soldiers who work the deployment process. Time and manpower are not efficiently utilized. Limited staging space in AHA causes congestion on the road while vehicles are awaiting entry into the AHA.

IMPACT IF NOT PROVIDED: If this project is not provided, deployment capabilities will be adversely affected when contact between commanders, unit personnel and others in the deployment are delayed. Coordination and communication capabilities will be almost non-existent due to lack of communication connectivity. New automated equipment will not be utilized. There will be no support capabilities for those involved in the deployment process.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAR 2000
  - (b) Percent Complete As Of January 2001..... 15.00
  - (c) Date 35% Designed..... MAY 2002
  - (d) Date Design Complete..... AUG 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 125
  - (b) All Other Design Costs..... 75
  - (c) Total Design Cost..... 200
  - (d) Contract..... 110
  - (e) In-house..... 90

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4.PROJECT TITLE  Deployment Staging Complex/Air	5.PROJECT NUMBER  51874
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... MAR 2002
- (5) Construction Start..... AUG 2002
- (6) Construction Completion..... DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: COL Thomas Bailey  
Phone Number: 502 798-9700

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	CURRENT MISSION	PAGE
-----	-----	-----	-----	-----	-----
Louisiana	Fort Polk (FORSCOM)				203
2298	Education Center	10,800	10,800	C	205
53873	Readiness and Operations Facility	10,400	10,400	C	208
	Subtotal Fort Polk PART I	\$ 21,200	21,200		
	* TOTAL MCA FOR Louisiana	\$ 21,200	21,200		

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM					2. DATE 30 JUN 2001				
3. INSTALLATION AND LOCATION  Fort Polk Louisiana			4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  0.89					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000		1042	7514	1984	0	114	0	653	5163	2643	19,113
B. END FY 2006		1051	7450	1818	0	107	0	653	5163	2643	18,885
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		80,486 ha		(198,885 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							3,052,332				
C. AUTHORIZATION NOT YET IN INVENTORY.....							55,040				
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							21,200				
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							0				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							40,300				
H. GRAND TOTAL.....							3,168,872				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT						COST		DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)		START	COMPLETE		
740	2298	Education Center				10,800		07/2001	12/2002		
610	53873	Readiness and Operations Facility				10,400		11/2000	05/2002		
						TOTAL		21,200			
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY						COST					
CODE	PROJECT TITLE				(\$000)						
A. INCLUDED IN THE FY 2003 PROGRAM: NONE											
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
Training and support of a motorized brigade and the Joint Readiness Training Center under the purview of US Army Forces Command, includes forces for active and reserve components as well as for National Guard.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:											
						(\$000)					
A. AIR POLLUTION						0					
B. WATER POLLUTION						0					
C. OCCUPATIONAL SAFETY AND HEALTH						0					

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Polk Louisiana		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$448,323,000, based on the Installation Status Report Information on conditions as of October 2000. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$448,323, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Polk Louisiana			4.PROJECT TITLE Education Center			
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  740	7.PROJECT NUMBER  2298		8.PROJECT COST (\$000) Auth                    10,800 Approp                 10,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,305
Main Post Library		m2 (SF)	2,754 ( 29,640)		1,163	(3,201)
Education Center		m2 (SF)	3,169 ( 34,110)		1,152	(3,650)
Antiterrorism Force Protection		LS	--		--	(142)
Building Information systems		LS	--		--	(312)
<u>SUPPORTING FACILITIES</u>						2,154
Electric Service		LS	--		--	(165)
Water, Sewer, & Gas		LS	--		--	(120)
Paving, Walks, Curbs & Gutters		LS	--		--	(413)
Storm Drainage		LS	--		--	(432)
Site Imp( 956) Demo( )		LS	--		--	(956)
Antiterrorism/Force Protection		LS	--		--	(45)
Information systems		LS	--		--	(23)
ESTIMATED CONTRACT COST						9,459
CONTINGENCY PERCENT (5.00%)						<u>473</u>
SUBTOTAL						9,932
SUPV, INSP & OVERHEAD (5.70%)						566
DESIGN/BUILD - DESIGN COST						<u>397</u>
TOTAL REQUEST						10,895
TOTAL REQUEST (ROUNDED)						10,800
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Construct a consolidated main post library and general education center complex with access road. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarms systems; paving, walks, curbs and gutters; parking; storm drainage; and site improvements. Heating and air conditioning (182 tons) will be provided by self-contained system. Access for handicapped will be provided. The high support facilities costs are due to construction in an area requiring off-site utilities and site improvements, erosion control, and storm drainage. Anti-Terrorism/Force Protection (AT/FP) measures will include laminated glass and traffic control barriers. A comprehensive interior design package is to be included as part of the design for this project.						
11. REQ:		5,923 m2	ADQT:	NONE	SUBSTD:	395 m2
PROJECT: Construct a consolidated main post library and general education center complex. (Current Mission)						
REQUIREMENT: This project is required to support the Joint Readiness Training Center (JRTC) and Fort Polk as well as all the dependent family members and retirees residing in the local community. The library is required to house a minimum collection of 100,000 items to support the educational, informational, recreational, and mission support needs of the installation.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Polk, Louisiana

4. PROJECT TITLE  Education Center	5. PROJECT NUMBER  2298
--	-------------------------------

REQUIREMENT: (CONTINUED)  
The educational center is required to support the Army Continuing Education System at the installation. The requirements have been combined to provide a complete and usable facility. This facility is essential if library and educational services are to be provided to the military member and his or her family.

CURRENT SITUATION: The present library service is provided in a permanent facility that was converted from an Enlisted Club to a post library. The facility does not have sufficient space to provide the required library services. The main general education center is presently located at North Fort Polk, in a temporary building approximately six miles from the troops stationed at the installation. The Learning Resource Center is located in a converted music center and a semi-permanent elementary school. The surrounding community also does not have the facilities available to meet the requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, the soldier and his or her family members will continue to have inadequate library and educational services. The Fort Polk community will not receive the full professional services available to others in larger, more progressive metropolitan areas. This will and does adversely affect the morale, welfare, recreation and education of JRTC and Fort Polk.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... JUL 2001
  - (b) Percent Complete As Of January 2001..... .00
  - (c) Date 35% Designed..... SEP 2002
  - (d) Date Design Complete..... DEC 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build

- (2) Basis:
- (a) Standard or Definitive Design: NO

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Polk, Louisiana

4.PROJECT TITLE  Education Center	5.PROJECT NUMBER  2298
---	------------------------------

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- |   |          |
|---|----------|
| (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): | (\$000)  |
| (a) Production of Plans and Specifications..... | 209      |
| (b) All Other Design Costs.....                 | 134      |
| (c) Total Design Cost.....                      | 343      |
| (d) Contract.....                               | 219      |
| (e) In-house.....                               | 124      |
| (4) Construction Contract Award.....            | JUL 2002 |
| (5) Construction Start.....                     | DEC 2002 |
| (6) Construction Completion.....                | DEC 2003 |

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: LTC Edward Mazion  
Phone Number: (337) 531-4508

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Fort Polk Louisiana				4. PROJECT TITLE Readiness and Operations Facility		
5. PROGRAM ELEMENT 88911A		6. CATEGORY CODE 610	7. PROJECT NUMBER 53873	8. PROJECT COST (\$000) Auth                    10,400 Approp                10,400		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,198
JRTC and Headquarters		m2 (SF)	7,850 ( 84,500)		948.61	(7,447)
Antiterrorism Force Protection		LS	--		--	(162)
Generator/Fire Pump Building		m2 (SF)	55.74 ( 600)		1,055	(59)
Lead Base Paint Removal		LS	--		--	(33)
Building Information Systems		LS	--		--	(497)
<u>SUPPORTING FACILITIES</u>						892
Electric Service		LS	--		--	(270)
Water, Sewer, Gas		LS	--		--	(53)
Paving, Walks, Curbs & Gutters		LS	--		--	(78)
Storm Drainage		LS	--		--	(67)
Site Imp( 134) Demo( )		LS	--		--	(134)
Information Systems		LS	--		--	(150)
Antiterrorism/Force Protection		LS	--		--	(140)
ESTIMATED CONTRACT COST						9,090
CONTINGENCY PERCENT (5.00%)						455
SUBTOTAL						9,545
SUPV, INSP & OVERHEAD (5.70%)						544
DESIGN/BUILD - DESIGN COST						384
TOTAL REQUEST						10,473
TOTAL REQUEST (ROUNDED)						10,400
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction      Renovate a Bachelor Officers Quarters (BOQ). Install emergency generators and shielded communication lines to serve the Command Suite and Emergency Operations Center (EOC); security enhancements; and installation of office, special and storage space. Supporting facilities includes relocation of the helipad, post flag-pole and ceremonial cannon; storm drainage; site improvements; installation of storage sheds and security bollards; and additional parking. Access for the handicapped will be provided. Demolish buildings. Anti-terrorism/force protection include bollards, retaining wall barriers, and hardening entrances to the building. Comprehensive interior design service are required.						
11. REQ:                    68,527 m2    ADQT:                    37,229 m2    SUBSTD:                    31,298 m2 PROJECT: Convert and renovate an existing unoccupied BOQ facility to provide a consolidated headquarters operations and administrative facility to house the JRTC and Fort Polk Headquarters functions. (Current Mission) REQUIREMENT: This project is required to provide a modern JRTC and Fort Polk Headquarters facility to replace World War II-era temporary buildings in which these functions presently reside. The EOC is included within the facility. A modern headquarters facility is required to accommodate the growing Fort Polk training mission. Combined headquarters and administrative space is planned to						

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Polk, Louisiana		
4.PROJECT TITLE  Readiness and Operations Facility	5.PROJECT NUMBER  53873	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>reduce administration costs, increase efficiency, and permit the installation to utilize resources more effectively when compared with current operations.</p> <p><u>CURRENT SITUATION:</u>    The JRTC and Fort Polk Headquarters functions are currently housed in 26 temporary buildings spread over two miles of the installation, all with construction dates of 1941-42. These temporary wooden buildings cannot be adapted to modern facility requirements nor upgraded with standard or needed equipment. Existing temporary or portable buildings are not energy efficient, are expensive to maintain, and pose health and safety risks. Related organizational and administrative functions are fragmented because of space constraints and distances between facilities, which results in inefficient operations. The existing building, a former BOQ, is a centrally located facility currently not in use.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the existing antiquated and scattered facilities housing JRTC and Fort Polk Headquarters functions will continue to be detrimental to the coordination required to meet minimum levels of support and will result in degraded training programs and reduction of readiness levels. Failure to achieve the necessary levels of cohesion, operational efficiency, and command and control could prove to have a serious negative impact during the early days of armed conflict, and could be pivotal in determining the success or failure of our forces. Maintaining the fragmentation of JRTC and Fort Polk Headquarters personnel throughout 26 widely scattered buildings will continue to have a serious negative impact on meeting mission objectives.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>NOV 2000</u></p> <p>(b) Percent Complete As Of January 2001..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>FEB 2002</u></p> <p>(d) Date Design Complete..... <u>MAY 2002</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p>		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Polk, Louisiana

4. PROJECT TITLE Readiness and Operations Facility	5. PROJECT NUMBER 53873
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	180
(b) All Other Design Costs.....	120
(c) Total Design Cost.....	300
(d) Contract.....	240
(e) In-house.....	60

(4) Construction Contract Award..... DEC 2001

(5) Construction Start..... MAY 2002

(6) Construction Completion..... JAN 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: LTC Edward Mazion  
Phone Number: 318 531-4508

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)				NEW/
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION PAGE
-----	-----	-----	-----	-----	-----
Maryland		Aberdeen Proving Ground (AMC)			213
	287	Climatic Test Facility	9,000	9,000	C 215
	39981	Ammunition Surveillance Facility	5,300	5,300	C 219
	50054	Ammunition Demilitarization Fac Ph IV	37,600	66,500	N 223
	52101	Chemistry Laboratory - Edgewood Arsenal	44,000	44,000	C 227
		Subtotal Aberdeen Proving Ground PART I	\$ 95,900	124,800	
		Fort Meade (MDW)			233
	23721	Child Development Center	5,800	5,800	C 235
		Subtotal Fort Meade PART I	\$ 5,800	5,800	
		* TOTAL MCA FOR Maryland	\$ 101,700	130,600	

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM					2. DATE 30 JUN 2001				
3. INSTALLATION AND LOCATION  Aberdeen Proving Ground Maryland			4. COMMAND  US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX  0.90					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000		558	2042	6498	194	2781	26	20	188	3391	15,698
B. END FY 2006		567	2101	5842	216	3446	17	20	194	3952	16,355
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		29,346 ha		(72,516 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							2,723,750				
C. AUTHORIZATION NOT YET IN INVENTORY.....							16,072				
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							95,900				
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							0				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							179,158				
H. GRAND TOTAL.....							3,014,880				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT						COST		DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)		START	COMPLETE		
310	287	Climatic Test Facility				9,000		06/2001	12/2002		
216	39981	Ammunition Surveillance Facility				5,300		06/2001	12/2002		
216	50054	Ammunition Demilitarization Fac Ph IV				66,500		03/1997	04/2001		
310	52101	Chemistry Laboratory - Edgewood Arsenal				44,000		06/2001	02/2003		
TOTAL						124,800					
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY						COST					
CODE		PROJECT TITLE				(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM:											
216		Ammunition Demilitarization Fac Ph V				19,000					
TOTAL						19,000					
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
<p>The Aberdeen Area of Aberdeen Proving Ground serves as the location of the installation headquarters. The focus of major missions undertaken at the installation include basic research, testing and evaluation of ordnance and equipment, and the training of military personnel in supply and maintenance of ordnance and equipment. The Edgewood Area of Aberdeen Proving Ground provides research and development in the chemical, biological, and radiological areas.</p>											



1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland			4.PROJECT TITLE Climatic Test Facility			
5.PROGRAM ELEMENT 72896A		6.CATEGORY CODE 310	7.PROJECT NUMBER 287		8.PROJECT COST (\$000) Auth                    9,000 Approp                 9,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,675
Climatic Test Firing Facility		m2 (SF)	1,435 ( 15,444)		3,788	(5,436)
DU Containment Facility		EA	1 --		278,472	(278)
Target Pads		m2 (SY)	2,132 ( 2,550)		26.59	(57)
Hardstand		m2 (SY)	1,756 ( 2,100)		97.37	(171)
Range Road		m2 (SY)	27,091 ( 32,400)		25.56	(692)
Building Information Systems		LS	--		--	(41)
<u>SUPPORTING FACILITIES</u>						1,123
Electric Service		LS	--		--	(248)
Water, Sewer, Gas		LS	--		--	(77)
Paving, Walks, Curbs & Gutters		LS	--		--	(12)
Storm Drainage		LS	--		--	(221)
Site Imp( 269) Demo( 246)		LS	--		--	(515)
Information Systems		LS	--		--	(26)
Antiterrorism/Force Protection		LS	--		--	(24)
ESTIMATED CONTRACT COST						7,798
CONTINGENCY PERCENT (5.00%)						390
SUBTOTAL						8,188
SUPV, INSP & OVERHEAD (5.70%)						467
DESIGN/BUILD - DESIGN COST						328
TOTAL REQUEST						8,983
TOTAL REQUEST (ROUNDED)						9,000
INSTALLED EQT-OTHER APPROP						(2,190)
10.Description of Proposed Construction      Construct a multi-environment climatic test facility consisting of two firing chambers, an instrumentation and control building, mechanical and electric equipment building, an electric substation, target pads, range road, and a depleted uranium (DU) containment structure. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; parking; information and data transmission systems; and site improvements. Asbestos removal and a sweep for unexploded ordnance is required. Access for the handicapped will be provided. Heating (gas-fired/with oil backup) and air conditioning (15 tons) will be provided by self-contained units. Additional heating (steam) and refrigeration (400 tons) will be required for the chambers. Demolish three buildings (5,741 SF). Supporting facility costs are high due to high demolition costs, structures to be demolished contain massive amounts of reinforced concrete, asbestos and lead paint. Anti-Terrorism/Force Protection (AT/FP) measures will include laminated glass and traffic control barriers.						
11. REQ:		1,435 m2	ADQT:		NONE	SUBSTD: 649 m2
PROJECT: Construct a climatic test firing facility. (Current Mission)						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland		
4. PROJECT TITLE  Climatic Test Facility	5. PROJECT NUMBER  287	
<p><u>REQUIREMENT:</u> This project is required to replace an inadequate existing facility. It will provide a firing facility with controlled temperature and humidity for testing weapon systems, guns and ammunition during firing. Unlike any other environmental facility within the Department of Defense (DOD), this climatic firing facility is sited on a range licensed by the Nuclear Regulatory Commission for firing depleted uranium penetrators; provides multiple instrumented target direct fire capability and controlled temperatures can be maintained on turbine powered ground vehicles, operating near full power, for complete test cycles. This project will eliminate hazardous operations when testing systems firing ammunition other than small arms.</p> <p><u>CURRENT SITUATION:</u> The US Army Aberdeen Test Center has been designated the DoD Automotive Test Center. Tests are currently conducted in two climatic firing chambers constructed in the early 1940s, which are now obsolete for technological and repair parts reasons. High energy propellants and explosives and larger guns and weapon systems produce blast and shock overpressures which damage existing chambers and threaten nearby occupied buildings with structural damage. Personnel in nearby areas are exposed to potentially harmful noise levels. Existing operations are limited by off hour operations based on a case by case evaluation. This is done to minimize threat to non-test personnel. The new larger weapon systems are crowded into the existing chambers without allowing enough clearance for personnel and instrumentation. Sub-systems such as turrets are operated by backing out of the chambers, manipulating the sub-system, then re-entering the chamber. Replacement parts for the refrigeration systems must be fabricated due to obsolescence. Numerous, non-correctable safety deficiencies exist which threaten test workforce.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, climatically controlled testing of major weapon systems, large caliber artillery weapons, and mobile equipment within the Army will be in jeopardy. If test information is unavailable, weapons systems may fail to perform in extreme climates. The safety of continued operations in substandard facilities is also doubtful. Although ATC has deferred testing to low activity hours, adjacent buildings and nearby personnel will continue to be exposed to potential hazards in the event of an accidental explosion.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will</p>		

1.COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Aberdeen Proving Ground, Maryland

4.PROJECT TITLE  Climatic Test Facility	5.PROJECT NUMBER  287
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ADDITIONAL: (CONTINUED)  
be available for use by other components. A parametric cost estimate was used to develop this budget estimate.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>JUN 2001</u>
(b) Percent Complete As Of January 2001.....	<u>.00</u>
(c) Date 35% Designed.....	<u>SEP 2002</u>
(d) Date Design Complete.....	<u>DEC 2002</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(f) Type of Design Contract: Design-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>198</u>
(b) All Other Design Costs.....	<u>126</u>
(c) Total Design Cost.....	<u>324</u>
(d) Contract.....	<u>207</u>
(e) In-house.....	<u>117</u>

(4) Construction Contract Award..... JUL 2002

(5) Construction Start..... DEC 2002

(6) Construction Completion..... JUN 2004

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland
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4. PROJECT TITLE  Climatic Test Facility	5. PROJECT NUMBER  287
--	------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Refrigeration Trains	RDT&E	2001	2,157
Info Sys - ISC	OPA	2002	19
Info Sys - PROP		2002	14
		TOTAL	2,190

Installation Engineer: Thomas P. Kuchar, LTC, EN  
Phone Number: 410-306-1105

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland			4.PROJECT TITLE Ammunition Surveillance Facility			
5.PROGRAM ELEMENT 31302A	6.CATEGORY CODE 216	7.PROJECT NUMBER 39981		8.PROJECT COST (\$000) Auth                    5,300 Approp                 5,300		
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Munitions Surveillance Facility		m2 (SF)	1,170 ( 12,591)		1,895	2,912 (2,217)
Ammo Holding Facility		LS	--		--	(415)
Blast Walls		m (LF)	76.20 ( 250)		3,229	(246)
IDS Installation		LS	--		--	(24)
Building Information Systems		LS	--		--	(10)
<u>SUPPORTING FACILITIES</u>						
Electric Service		LS	--		--	1,729 (100)
Water, Sewer, Gas		LS	--		--	(764)
Paving, Walks, Curbs & Gutters		LS	--		--	(369)
Storm Drainage		LS	--		--	(98)
Site Imp( 234) Demo( 112)		LS	--		--	(346)
Information Systems		LS	--		--	(33)
Fuel Oil Tank		LS	--		--	(19)
ESTIMATED CONTRACT COST						4,641
CONTINGENCY PERCENT (5.00%)						<u>232</u>
SUBTOTAL						4,873
SUPV, INSP & OVERHEAD (5.70%)						278
DESIGN/BUILD - DESIGN COST						<u>195</u>
TOTAL REQUEST						5,346
TOTAL REQUEST (ROUNDED)						5,300
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct an ammunition surveillance facility. Primary facilities include six 12-foot square ammunition storage cubicles, inspection area, fuel oil tank, oil separator, blast walls, ammunition holding facility, and administrative support space. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage and storm-water management; information systems; and site improvements. Access for the handicapped will be provided. Support facility costs are high because underground water service will be provided from 2,400 feet away from the site. Heating will be provided by an individual oil-fired heat unit. Air Conditioning (25 tons) will be provided by self-contained units. Demolish two storage sheds (814 SF and 1,740 SF) and one trailer (160 SF). No Anti-Terrorism/Force Protection measures are required.						
11. REQ:		1,263 m2	ADQT:		93 m2	SUBSTD:                    90 m2
PROJECT: Construct an ammunition surveillance facility. (Current Mission)						
REQUIREMENT: This project is required to support the US Army National Ground Intelligence Center (NGIC) in the production of Scientific and Technical Intelligence (S&TI) and management of the Army Foreign Materiel Exploitation Program (FMEP). The facility is required by the local element at Aberdeen						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland		
4. PROJECT TITLE  Ammunition Surveillance Facility	5. PROJECT NUMBER  39981	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>Proving Ground (APG), the Foreign Materiel Operations Division (FMOD). This division maintains accountability and control of assets in the Army Foreign Materiel Program (FMP) inventory. Its missions include: receipt, inspection and identification, storage, transshipment and performance or coordination for, initial exploitation of foreign materiel. Munitions and pyrotechnics are a critical part of the FMP, and constitute the highest demand and highest mission turnover of all Foreign Munitions (FM) functions. Besides servicing the exploitation mission of the FMP, FMOD provides foreign munitions to support Navy, Air Force, Central Intelligence Agency (CIA) and allied governments. The proposed project will consolidate all operations at the main FMOD magazine complex, and will significantly enhance mission operations.</p> <p><u>CURRENT SITUATION:</u> Currently, all Foreign Munitions (FM) operations are conducted in one building, in workspace borrowed from the APG's Ammunition Surveillance Division (ASD) of the Directorate of Logistics. Initial processing is severely hampered and the distance from present storage areas to processing facilities impact on safety and personnel utilization. FM operations are subject to being cancelled at any time due to incompatible ammunition operations being performed by the ASD. The two activities cannot operate at the same time due to safety, security and regulatory purposes. Extensive coordination is required for NGIC FMOD to work on sensitive classified items because they require restriction of ASD personnel use of the area. The ASD facility lacks a number of mandatory safety devices and systems required for the wide range of munitions that could be acquired - chiefly climate and humidity control and rapid response deluge systems. The location of ASD facility requires munitions be transported approximately six miles from the storage area for all mission work. Each lot type and compatibility group munition must be transported there and back to magazine storage, separately. This is extremely labor intensive, adding significant time delays and costs to the FMP ammunitions operations conducted by FMODs two-man Ammunition Section. There are no other adequate facilities to conduct foreign ammunition intelligence operations at APG.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the lack of safe, adequate foreign munitions facilities combined with more restrictive ammunition safety regulations, and the growth and complexity and hazards of world wide munitions systems, will continue to seriously impact the ability of NGIC and FMP to accomplish its mission of providing top-quality intelligence products to the warfighters and materiel developers of the armed services. It could conceivably force the shutdown of FMP ammunition operations at APG.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. No anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the</p>		



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland
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4. PROJECT TITLE  Ammunition Surveillance Facility	5. PROJECT NUMBER  39981
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: LTC Thomas P. Kuchar  
Phone Number: 410-306-1105

1.COMONENT DEF (DA)		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland				4.PROJECT TITLE Ammunition Demilitarization Fac Ph IV		
5.PROGRAM ELEMENT 78007A		6.CATEGORY CODE 216	7.PROJECT NUMBER 50054		8.PROJECT COST (\$000) Auth                    37,600 Approp                 66,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						131,141
Chemical Demilitarization Bldg.		m2 (SF)	8,313 ( 89,480)		7,941	(66,016)
Process Auxiliary Bldg. (PAB)		m2 (SF)	3,348 ( 36,034)		3,075	(10,295)
Utility Bldg.		m2 (SF)	1,438 ( 15,475)		3,016	(4,337)
Biotreatment Chemical Bldg. (BC)		m2 (SF)	708.39 ( 7,625)		3,471	(2,459)
Waste Solidification Bldg. (WSB)		m2 (SF)	572.75 ( 6,165)		3,693	(2,115)
Total from Continuation page						(45,919)
<u>SUPPORTING FACILITIES</u>						55,681
Electric Service		LS	--		--	(9,887)
Water, Sewer, Gas		LS	--		--	(6,126)
Steam And/Or Chilled Water Dist		LS	--		--	(1,318)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,751)
Storm Drainage		LS	--		--	(3,700)
Site Imp(31,669) Demo(            )		LS	--		--	(31,669)
Information Systems		LS	--		--	(1,230)
ESTIMATED CONTRACT COST						186,822
CONTINGENCY PERCENT (5.00%)						<u>9,341</u>
SUBTOTAL						196,163
SUPV, INSP & OVERHEAD (5.70%)						11,181
DESIGN/BUILD - DESIGN COST						<u>14,756</u>
TOTAL REQUEST						222,100
TOTAL REQUEST (ROUNDED)						222,100
INSTALLED EQT-OTHER APPROP						(111,667)
10.Description of Proposed Construction      Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental appropriations which are split over more than one fiscal year. This request is for Increment IV (\$66.5 million). Increment I (Project Number (PN) 50051, \$26.5 million) was approved in FY 1999, Increment II (PN 50052, \$53.5 million) was approved in FY 2000, Increment III (PN 50053, \$45.7 million) was approved in FY 2001, and Increment V (PN 54425, \$29.9 million) is planned for FY 2003. This project, at full authorization and appropriation, will provide for the design and construction of facilities to be used for pilot testing an alternative to incineration. The technology to be implemented at Aberdeen Proving Ground is neutralization followed by biodegradation. Changes are anticipated during pilot operations due to the Research and Development nature of this one-of-a kind prototype process plant and the optimization required prior to commencing full production operations. Work includes a chemical demilitarization building (CDB); a process auxiliary building; a filter farm building; a utility building; a personnel and maintenance facility with change rooms, maintenance storage and a medical treatment area; process support and administrative building; chemical analysis laboratory; an entry control facility; a biotreatment chemical building; a waste solidification building; and a standby diesel generator building. Features include fire protection, a cascading						

1. COMPONENT DEF (DA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Aberdeen Proving Ground, Maryland

4. PROJECT TITLE Ammunition Demilitarization Fac Ph IV	5. PROJECT NUMBER 50054
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Filter Farm Bldg. (FFB)	m2 (SF)	2,024 ( 21,785)	2,051	(4,152)
Personnel & Maintenance Bldg. (	m2 (SF)	1,667 ( 17,939)	4,592	(7,653)
Laboratory Bldg. (LAB)	m2 (SF)	898.37 ( 9,670)	7,708	(6,924)
Entry Control Facility (ECF)	m2 (SF)	115.66 ( 1,245)	14,044	(1,624)
Stand-by Diesel Generators (SDG	EA	4 --	2383943	(9,536)
Warehouse	m2 (SF)	1,787 ( 19,240)	510.32	(912)
Biotreatment Area	LS	--	--	(6,351)
Lab Filter Area (LFA)	LS	--	--	(844)
Government Systems Contract Bld	m2 (SF)	3,763 ( 40,500)	1,773	(6,670)
IDS Installation	LS	--	--	(1,112)
Building Information Systems	LS	--	--	(141)
			Total	45,919

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

heating, ventilation, and air conditioning (HVAC) system with airlocks for agent containment, air filtration, toxic chemical resistive coatings and surfaces. Install an intrusion detection system (IDS). Supporting facilities include utilities, electric service with an electrical substation, standby electric generators, information systems, security fencing and lighting, storm drainage, paving walks, curbs and gutters, and site improvements. Heating will be provided by a gas-fired central system; air conditioning will be provided by self contained units.

11. REQ: 20,470 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Design and Construct a toxic chemical agent destruction facility. (New Mission)

REQUIREMENT: This project is required to destroy toxic chemical agent stored at Aberdeen Proving Ground in a safe, environmentally acceptable manner. Congress has mandated the disposal of the existing unitary chemical stockpile under Public Laws 99-145, 99- 661 and 100-180. The Army submitted an implementation plan to Congress in March 1988 in response to a specific Congressional request, which cites this facility as an integral and essential part of the chemical stockpile disposal program.

CURRENT SITUATION: Containers (1 ton) holding lethal chemical agents are stored outside at the installation. These are of no strategic value but they must be safely stored and inspected to ensure that there is no risk to the public or the environment. The monitoring and surveillance costs for safe storage continue to accrue. No other acceptable disposal facilities are available.

IMPACT IF NOT PROVIDED: If this project is not approved, the Army will not

1.COMONENT  DEF (DA)	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland		
4.PROJECT TITLE  Ammunition Demilitarization Fac Ph IV	5.PROJECT NUMBER  50054	
<p><u>IMPACT IF NOT PROVIDED:</u>    (CONTINUED)</p> <p>be able to comply with the Congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to grow as the agents and containers deteriorate with age. The threat to the health of APG employees and to the environment will continue.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, no antiterrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p><u>JOINT USE CERTIFICATION:</u>    The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Unilateral construction funding is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
<p>A.    Estimated Design Data:</p> <p>(1)    Status:</p> <p>      (a)    Date Design Started.....    <u>MAR 1997</u></p> <p>      (b)    Percent Complete As Of January 2001.....    <u>95.00</u></p> <p>      (c)    Date 35% Designed.....    <u>MAY 1998</u></p> <p>      (d)    Date Design Complete.....    <u>APR 2001</u></p> <p>      (e)    Parametric Cost Estimating Used to Develop Costs    <u>YES</u></p> <p>      (f)    Type of Design Contract:    Design-build</p> <p>(2)    Basis:</p> <p>      (a)    Standard or Definitive Design:    NO</p> <p>(3)    Total Design Cost (c) = (a)+(b) OR (d)+(e):    (\$000)</p> <p>      (a)    Production of Plans and Specifications.....    <u>300</u></p> <p>      (b)    All Other Design Costs.....    <u>1,300</u></p> <p>      (c)    Total Design Cost.....    <u>1,600</u></p> <p>      (d)    Contract.....    _____</p> <p>      (e)    In-house.....    <u>1,600</u></p> <p>(4)    Construction Contract Award.....    <u>OCT 1998</u></p> <p>(5)    Construction Start.....    <u>APR 1999</u></p> <p>(6)    Construction Completion.....    <u>JUL 2003</u></p>		

1. COMPONENT DEF (DA)	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Aberdeen Proving Ground, Maryland

4. PROJECT TITLE Ammunition Demilitarization Fac Ph IV	5. PROJECT NUMBER 50054
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Process Equipment	RDT&E	1999	30,364
Process Equipment	RDT&E	2000	28,739
Process Equipment	RDT&E	2001	18,765
Process Equipment	RDT&E	2002	22,438
Process Equipment	RDT&E	2003	10,896
Info Sys - ISC	OPA	2002	52
Info Sys - PROP	OPA	2002	413
		TOTAL	111,667

Installation Engineer: LTC Thomas Kuchar  
Phone Number: 410 278-1105

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland			4.PROJECT TITLE Chemistry Laboratory - Edgewood Arsenal			
5.PROGRAM ELEMENT  72896A		6.CATEGORY CODE  310	7.PROJECT NUMBER  52101		8.PROJECT COST (\$000) Auth                    44,000 Approp                 44,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						35,402
Supertoxic Chemistry Lab		m2 (SF)	7,820 ( 84,172)		3,832	(29,966)
Administrative Facility		m2 (SF)	2,648 ( 28,500)		1,319	(3,492)
Antiterrorism Force Protection		LS	--		--	(335)
EMCS Connection		LS	--		--	(961)
IDS Installation		LS	--		--	(77)
Building Information Systems		LS	--		--	(571)
<u>SUPPORTING FACILITIES</u>						2,680
Electric Service		LS	--		--	(240)
Water, Sewer, Gas		LS	--		--	(96)
Steam And/Or Chilled Water Dist		LS	--		--	(240)
Paving, Walks, Curbs & Gutters		LS	--		--	(192)
Storm Drainage		LS	--		--	(48)
Site Imp( 1,595) Demo(            )		LS	--		--	(1,595)
Information Systems		LS	--		--	(204)
Antiterrorism/Force Protection		LS	--		--	(65)
ESTIMATED CONTRACT COST						38,082
CONTINGENCY PERCENT (5.00%)						<u>1,904</u>
SUBTOTAL						39,986
SUPV, INSP & OVERHEAD (5.70%)						2,279
DESIGN/BUILD - DESIGN COST						<u>1,599</u>
TOTAL REQUEST						43,864
TOTAL REQUEST (ROUNDED)						44,000
INSTALLED EQT-OTHER APPROP						<u>(2,101)</u>
10.Description of Proposed Construction      Construct a state-of-the-art advanced supertoxic chemistry laboratory and an administrative facility. This project has critical life, safety, and health considerations. Energy management control systems and Intrusion Detection Systems are provided. Heating, ventilation and air conditioning system (1500 tons)is provided. Supporting facilities include utilities; electric service; fire protection and alarms systems; paving, walks, curbs, and gutters; storm drainage; information systems; and site improvements. Anti-terrorism/Force Protection includes laminated glass and barriers. Access for the handicapped will be provided.						
11. REQ:                    66,342 m2    ADQT:                    47,230 m2    SUBSTD:                    19,167 m2						
<u>PROJECT:</u> Construct a state-of-the-art advanced chemistry laboratory. (Current Mission)						
<u>REQUIREMENT:</u> This project is required for continued chemical agent operations. The existing capability to work with chemical warfare agents is unique to the Army and is not duplicated elsewhere in DoD or the commercial sector.The Edgewood facilities are our nation's sole provider of total lifecycle chemical agent research, development,evaluation and agent production expertise. It will allow consolidation of chemical efforts in the Edgewood Chemical and Biological Center (ECBC), Soldier and Biological Chemical Command						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland		
4. PROJECT TITLE  Chemistry Laboratory - Edgewood Arsenal	5. PROJECT NUMBER  52101	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>(SBCCOM). ECBC operates highly specialized facilities that are required to safely handle known and suspect chemical warfare agents and toxic industrial chemicals. The laboratories require impermeable surfaces, special chemical hoods with ultra-efficient carbon filtration, and extensive electrical backup systems. Safety and environmental controls are paramount to ensure that personnel and the environment are protected against these supertoxic and lethal materials. These include: analytical chemistry, detection, filtration, decontamination, Chemical Weapons Convention support, and evaluation of chemical agent technologies. This facility is required for the continued execution of the Army's Executive Agent role for the Joint Services CB Defense mission. More efficient use of space will reduce the total area by more than 14,000 SF. With the destruction of the CW stockpile under the conditions of the Chemical Weapons Convention there will be further changes in requirements for synthesis and analysis of chemical agents for the purposes of DoD defense and other National Security programs. These changes have been anticipated in the design of this project.</p> <p><u>CURRENT SITUATION:</u>    Two buildings are used for the Department of Defense and the United States primary laboratories for Research and Development work with supertoxic chemical agents and related defense programs. They were designed in the late 1950's and first occupied in the early 1960's for wet chemistry; with large volumes of chemical agents. The mission today is primarily detection and analysis of small quantities of chemical agents for chemical defense. Advances in instrumentation require laboratory spaces with cleaner environments, more electrical power, and better computer communications. Most of the Nation's chemical warfare (CW) R&amp;D has phases performed at Edgewood in these facilities. Edgewood has the most complete supertoxic chemistry facilities in the US and the supertoxic chemistry lab is the cornerstone of the U.S CW defense program. The new facility is a central part of a completed \$140 Million MCA investment at Edgewood in related areas of the CB Defense program. Additionally, the Chemical Warfare Convention Treaty designates Edgewood as the only approved facility to produce chemical agent after US stockpiles are destroyed. The RRCA permit covering this function in existing facility expires in 2007. The current facilities suffer from a number of limitations and shortcomings that preclude their further use. These buildings use an antiquated carbon filtration system for safety and environmental protection. There are over 70 filter systems between the two buildings. We have stockpiled sufficient filters to last through 2004 at the current rate of replacement. After this time as a filter expires the associated lab will be taken out of service for reasons of safety and environmental compliance. It has been determined that the existing filter systems cannot be upgraded with modern bag-in-bag-out high efficiency gas absorbent (HEGA) filters because of structural limitations and space limitations while the cost would approach 50 percent of the new facility.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the current stock</p>		

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland		
4.PROJECT TITLE  Chemistry Laboratory - Edgewood Arsenal	5.PROJECT NUMBER  52101	
<p><u>IMPACT IF NOT PROVIDED:</u>    (CONTINUED)</p> <p>of carbon filters, required to maintain both buildings will be exhausted by FY2004. By 2007 there will be no alternative but to close the laboratories in these buildings to maintain safety and environmental standards. This will result in a loss of over 65,000 square feet of critical agent chemistry laboratory space. The remaining agent laboratory space will be insufficient to meet current needs, and significantly less than the required capacity for future needs. The two primary buildings where agent chemistry and detection R&amp;D are presently performed at Edgewood are in severe disrepair and cannot be refurbished or remodeled. In addition, the US will be unable to meet its commitments under the CWC Treaty. This will impact all Chemical agent Research and Development (R&amp;D) in the US. The Edgewood area is the sole location designated in the US for the production of chemical agents for R&amp;D once the existing stockpile is demilitarized. The destruction of the chemical weapons stockpile does not imply a decrease in the in the R&amp;D required for chemical defense. In fact, this is a constantly increasing mission with the change of military doctrine to "Force Projection". There is an increasing danger due to rogue nations and terrorism as an asymmetrical threat. The threat, due to chemical attack, is greater today than it was before the fall of the Soviet Union. We have seen a constantly increasing budget for projects related to Weapons of Mass Destruction, in particular, chemical and biological weapons. The final R&amp;D for virtually all chemical defense projects resides at ECBC because we are the only Government Laboratory with the ability to perform research experiments using the actual supertoxic chemicals. Moving to another location in the US is not an option because of the extensive investment in analytical and otehr equipment that would be lost. More importantly, the personnel and expertise at ECBC are the real strengths. It is probable that most of this expertise would be lost relocating the R&amp;D efforts. There are a large number of programs that would simply have no space for execution. These include: the Joint Service Chemical/Biological Universal Detector; Liquid Surface Detector; Next Generation Chemical Point Detector (Low Dose); Joint Warning and Reporting Network, all of the mask technology R&amp;D including evaluation studies, Advanced Collective Protection Technology, all of the decontamination efforts including Sensitive Equipment Decon, DS2 Replacement, and Wide Area Decon, extensive work on detector evaluations, investigations of novel chemical agents, support of the Chemical Agent Demilitarization Program, and extensive work with the intelligence community.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable</p>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Aberdeen Proving Ground, Maryland

4. PROJECT TITLE  Chemistry Laboratory - Edgewood Arsenal	5. PROJECT NUMBER  52101
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ADDITIONAL: (CONTINUED)

laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUN 2001
- (b) Percent Complete As Of January 2001..... .00
- (c) Date 35% Designed..... NOV 2002
- (d) Date Design Complete..... FEB 2003
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 968
- (b) All Other Design Costs..... 616
- (c) Total Design Cost..... 1,584
- (d) Contract..... 1,012
- (e) In-house..... 572

(4) Construction Contract Award..... SEP 2002

(5) Construction Start..... FEB 2003

(6) Construction Completion..... SEP 2005

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Aberdeen Proving Ground, Maryland

4. PROJECT TITLE Chemistry Laboratory - Edgewood Arsenal	5. PROJECT NUMBER 52101
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Integrated Data Acquisition Syst	RDTE	2005	151
Signal Conditioners	RDTE	2005	50
Analytical Equipment	RDTE	2006	972
Data Comm System	RDTE	2006	48
Visualization	RDTE	2006	29
Modular Furniture and Equipment	RDTE	2006	655
Info Sys - ISC	OPA	2002	107
Info Sys - PROP	RDT&E	2002	89
		TOTAL	<u>2,101</u>

Installation Engineer: LTC Thomas P. Kuchar  
Phone Number: 410-306-1105

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Meade Maryland	4. COMMAND  US Army Forces Command	5. AREA CONSTRUCTION COST INDEX  0.90
6. PERSONNEL STRENGTH:		
	PERMANENT	STUDENTS
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL
	SUPPORTED	TOTAL
A. AS OF 30 SEP 2000	926 3605 1968	61 684 8 1285 5609 25190 39,336
B. END FY 2006	872 3847 1898	61 735 3 1286 5616 25584 39,902
7. INVENTORY DATA (\$000)		
A. TOTAL AREA.....	2,220 ha (5,485 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2000.....		1,424,087
C. AUTHORIZATION NOT YET IN INVENTORY.....		194,404
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....		5,800
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....		7,000
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0
G. REMAINING DEFICIENCY.....		43,894
H. GRAND TOTAL.....		1,675,185
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:		
CATEGORY PROJECT	PROJECT TITLE	COST (\$000) DESIGN STATUS
CODE NUMBER		START COMPLETE
740 23721	Child Development Center	5,800 06/2001 12/2002
TOTAL		5,800
9. FUTURE PROJECT APPROPRIATIONS:		
CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. INCLUDED IN THE FY 2003 PROGRAM:		
721	Dining Facility	7,000
TOTAL		7,000
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		
10. MISSION OR MAJOR FUNCTIONS:		
Logistically support and train post troop units; support Headquarters First United States Army, National Security Agency, Intelligence Agency and some 40 other tenant units; provide First United States Army Field Maintenance; train and support US Army Reserve and National Guard; provide ROTC summer training facilities.		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001								
INSTALLATION AND LOCATION: Fort Meade Maryland										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<div style="border: 1px solid black; height: 600px; width: 100%;"></div>										

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Meade Maryland			4.PROJECT TITLE Child Development Center			
5.PROGRAM ELEMENT 28719A		6.CATEGORY CODE 740	7.PROJECT NUMBER 23721		8.PROJECT COST (\$000) Auth                    5,800 Approp                 5,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,955
Child Development Center		m2 (SF)	2,234 ( 24,047)		1,313	(2,934)
Storage Shed		m2 (SF)	41.81 ( 450)		231.95	(10)
Playground w/Equipment		m2 (SF)	2,815 ( 30,300)		136.11	(383)
Antiterrorism Force Protection		LS	--		--	(557)
EMCS Connection		LS	--		--	(22)
Building Information Systems		LS	--		--	(49)
<u>SUPPORTING FACILITIES</u>						1,116
Electric Service		LS	--		--	(69)
Water, Sewer, Gas		LS	--		--	(91)
Paving, Walks, Curbs & Gutters		LS	--		--	(289)
Storm Drainage		LS	--		--	(65)
Site Imp( 301) Demo( 247)		LS	--		--	(548)
Information Systems		LS	--		--	(37)
Antiterrorism/Force Protection		LS	--		--	(17)
ESTIMATED CONTRACT COST						5,071
CONTINGENCY PERCENT (5.00%)						<u>254</u>
SUBTOTAL						5,325
SUPV, INSP & OVERHEAD (5.70%)						304
DESIGN/BUILD - DESIGN COST						<u>213</u>
TOTAL REQUEST						5,842
TOTAL REQUEST (ROUNDED)						5,800
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design child development center (CDC) with a fenced playground and storage sheds. Install an energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; fire protection and alarm system, and sprinkler system; paving, walks, curbs, and gutters; parking; access roads; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by a gas-fired self-contained system. Air conditioning (70 tons) will be provided by a self-contained system. Demolish one building (22,500 SF). Anti-terrorist/force protection measures will include strengthening of the building components and the provision of anti-vehicular measures such as bolsters, architectural planters and access gates. The costs of supporting facilities for this project are above normal because of the greater requirement for parking and the need to relocate existing utilities around the site combined with one-for-one demolition that is required by the facilities reduction program. Comprehensive interior design services are required.						
11. REQ:		2,656 m2	ADQT:	423 m2	SUBSTD:	NONE
PROJECT: Construct a standard-design child development center (303 child capacity). (Current Mission)						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Meade, Maryland

4. PROJECT TITLE  Child Development Center	5. PROJECT NUMBER  23721
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REQUIREMENT: This project is required to provide the full range of child development services for an additional 303 children (six weeks to six years of age) to eligible patrons (military and DOD civilians) of the Fort Meade community. At Fort Meade, the potential demand for 0-5 year olds is 1,581 children. Presently, services are being provided to approximately 780 children ages six weeks to six years on an average daily basis. Adequate child care will enhance mission readiness and family well being by reducing the conflict between mission and parental responsibilities for an ever-increasing number of Fort Meade parents.

CURRENT SITUATION: Presently, services are being provided to approximately 780 children ages six weeks to six years on an average daily basis, approximately 64 percent of the Fort Meade potential demand. Child care services are currently being provided by a combination of measures, including borrowed space in existing dependent schools and the Youth Activities Center, and by military spouses who provide care in their own housing units. The waiting list at Central Registration for Child and Youth Services, consistently support the need for a new child development center. Parents on this waiting list are forced to arrange for high-cost child care in the off-post community. Most of these providers are not accredited. The child development center is needed to correct this problem and meet DOD child care goals.

IMPACT IF NOT PROVIDED: If this project is not provided, adequate child care will not be available to soldiers and DOD civilians requiring such services. Waiting times to obtain center-based services will continue to be excessive. Parents will continue to be forced to deal with child care issues during duty hours, at the expense of mission accomplishment.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUN 2001
- (b) Percent Complete As Of January 2001..... .00
- (c) Date 35% Designed..... SEP 2002

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Meade, Maryland

4.PROJECT TITLE  Child Development Center	5.PROJECT NUMBER  23721
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... DEC 2002
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Fort Irwin

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 128
- (b) All Other Design Costs..... 80
- (c) Total Design Cost..... 208
- (d) Contract..... 133
- (e) In-house..... 75

(4) Construction Contract Award..... JUL 2002

(5) Construction Start..... DEC 2002

(6) Construction Completion..... DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>

NA

Installation Engineer: DANIEL HOPKINS  
Phone Number: 301-677-9141

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	CURRENT MISSION	PAGE
-----	-----	-----	-----	-----	-----
Missouri	Fort Leonard Wood (TRADOC)				241
16032	Record Fire Range	3,550	3,550	C	243
23301	Night Fire Range	4,300	4,300	C	247
53439	Basic Combat Training Complex Ph 2	4,400	27,000	C	251
	Subtotal Fort Leonard Wood PART I	\$ 12,250	34,850		
	* TOTAL MCA FOR Missouri	\$ 12,250	34,850		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001																														
3. INSTALLATION AND LOCATION  Fort Leonard Wood Missouri	4. COMMAND  US Army Training and Doctrine Command	5. AREA CONSTRUCTION COST INDEX  1.10																														
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">6. PERSONNEL STRENGTH:</td> <td style="width:10%;">PERMANENT</td> <td style="width:10%;">STUDENTS</td> <td style="width:10%;">SUPPORTED</td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td>OFFICER ENLIST CIVIL</td> <td>OFFICER ENLIST CIVIL</td> <td>OFFICER ENLIST CIVIL</td> <td>TOTAL</td> <td></td> </tr> <tr> <td>A. AS OF 30 SEP 2000</td> <td>844 4522 1918</td> <td>583 13955 101</td> <td>48 890 1788</td> <td>24,649</td> <td></td> </tr> <tr> <td>B. END FY 2006</td> <td>780 4482 1662</td> <td>549 13632 73</td> <td>48 896 1788</td> <td>23,910</td> <td></td> </tr> </table>			6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED				OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL		A. AS OF 30 SEP 2000	844 4522 1918	583 13955 101	48 890 1788	24,649		B. END FY 2006	780 4482 1662	549 13632 73	48 896 1788	23,910							
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<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>Provides support and facilities for a US Army Training Center, US Army Engineer School, US Army Reception Station, Noncommissioned Officer Academy/Drill Sergeant School, US Army Hospital, major combat and combat support forces and other tenant activities. Supports Reserve Components and other satellited activities and units.</p>																																
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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001						
INSTALLATION AND LOCATION: Fort Leonard Wood Missouri								
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED) <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$679,926,000, based on the Installation Status Report Information on conditions as of October 2000. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$679,926, based on the Installation Status Report Information on conditions as of October 2000.								

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4.PROJECT TITLE Record Fire Range			
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 178	7.PROJECT NUMBER 16032		8.PROJECT COST (\$000) Auth                    3,550 Approp                 3,550	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,815
Automated Record Fire Range		FP	16 --		117,064	(1,873)
Covered Mess Area		m2 (SF)	70.61 ( 760)		906.39	(64)
Grading		m3 (CY)	42,815 ( 56,000)		9.35	(400)
Water Well, Potable		LS	--		--	(108)
Latrine w Sewage Treatment		LS	--		--	(136)
Total from Continuation page						(234)
<u>SUPPORTING FACILITIES</u>						265
Electric Service		LS	--		--	(56)
Water, Sewer, Gas		LS	--		--	(11)
Paving, Walks, Curbs & Gutters		LS	--		--	(2)
Site Imp( 166) Demo( 23)		LS	--		--	(189)
Antiterrorism/Force Protection		LS	--		--	(7)
ESTIMATED CONTRACT COST						3,080
CONTINGENCY PERCENT (5.00%)						<u>154</u>
SUBTOTAL						3,234
SUPV, INSP & OVERHEAD (5.70%)						184
DESIGN/BUILD - DESIGN COST						<u>129</u>
TOTAL REQUEST						3,547
TOTAL REQUEST (ROUNDED)						3,550
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Convert an existing 25 meter zero range into an Automated Record Fire Range (ARF). Construction includes observation tower with lightning protection, 16 foxholes, 112 target coffins, public address system, classroom, walking path, maintenance roads, target wiring and conduit, target lighting and safety lights, covered mess facility for 240 soldiers, potable water well, well house, latrines with sewage treatment facility, site clearing, seeding, security fence, signage, and earthwork. Observation tower requires self-contained heating, ventilation, air conditioning (HVAC) system. Supporting facilities include utilities, electric service, paving, and site improvements. Site mitigation measures include constructing a 1.3-acre wetland. Demolish existing observation tower (225 SF) and foxholes. The approved site is considered Category III due to the long time use as a range and the possibility of encountering contamination from small arms firing. Anti-terrorism/Force Protection measures are included and provide fencing, security gates and window upgrades for observation tower.						
11. REQ:		54 FP		ADQT:		38 FP
						SUBSTD:                 NONE
PROJECT: Provide a 16-Lane record fire range with support facilities. (Current Mission)						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Leonard Wood, Missouri

4. PROJECT TITLE Record Fire Range	5. PROJECT NUMBER 16032
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Wetland Mitigation	ha (AC)	.53 ( 1.30)	122,642	(65)
Classroom	m2 (SF)	204.39 ( 2,200)	825.58	(169)
			Total	234

REQUIREMENT: This project is needed to provide facilities necessary to conduct M16 rifle qualification for approximately 43,000 soldiers completing training each year at Fort Leonard Wood.

CURRENT SITUATION: Currently, there are only two Record Fire Ranges on Fort Leonard Wood where soldiers earn marksmanship scores. Training load analysis concludes that four such ranges are required in order to meet current Training Support Package (TSP) standards. Fort Leonard Wood currently trains over 40,000 soldiers per year on its two Record Fire Ranges, 26,000 of whom are Initial Entry Training (IET) Soldiers. Sixty-five percent of the soldiers are trained from June to December. During this five month compressed timeframe, training for the IET soldiers is often not done to TSP standard for Basic Rifle Marksmanship. Two training units are often scheduled on the same range on the same day. The interruptions and delays caused by having to share the same range and frequent breakdown of 20-year-old target equipment often necessitates re-visiting the range later on, sacrificing time that was originally scheduled for other training. Additionally, the infrastructure on the range (classroom, latrines, ammo supply points, range tower, etc.) are approximately 40 years old, do not meet current standards, are in a poor state of repair and well past their life expectancy. These decrepit facilities cause dangerously increased health and safety risks in addition to detracting from soldiers' morale.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to endure substandard training conditions on the ranges. Although Fort Leonard Wood is fulfilling its mission to provide the field force with combat ready soldiers, the training cadre must expend considerable effort overcoming the challenges resulting from sub-standard ranges. This additional effort often comes at the expense of other training that is missed to order to conduct weapons qualification. During surge periods, Nuclear, Biological and Chemical-environment (NBC) Nuclear, Biological and Chemical (NBC) and night firing will continue to fall short of TSP standards.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Fort Leonard Wood, Missouri
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4. PROJECT TITLE  Record Fire Range	5. PROJECT NUMBER  16032
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC BYRON G. JORNS  
Phone Number: 573-596-0840

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Leonard Wood Missouri				4.PROJECT TITLE Night Fire Range		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 178	7.PROJECT NUMBER 23301		8.PROJECT COST (\$000) Auth                    4,300 Approp                 4,300	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,388
Covered Mess Area		m2 (SF)	70.61 (        760)		921.56	(65)
Classroom		m2 (SF)	204.39 (     2,200)		825.69	(169)
Covered Bleachers		PN	300 --		17.96	(5)
Observation Tower		m2 (SF)	45.89 (        494)		2,034	(93)
Water Well, Potable		LS	--		--	(108)
Total from Continuation page						(2,948)
<u>SUPPORTING FACILITIES</u>						363
Electric Service		LS	--		--	(69)
Water, Sewer, Gas		LS	--		--	(135)
Paving, Walks, Curbs & Gutters		LS	--		--	(84)
Storm Drainage		LS	--		--	(4)
Site Imp(     45) Demo(     18)		LS	--		--	(63)
Antiterrorism/Force Protection		LS	--		--	(8)
ESTIMATED CONTRACT COST						3,751
CONTINGENCY PERCENT (5.00%)						<u>188</u>
SUBTOTAL						3,939
SUPV, INSP & OVERHEAD (5.70%)						225
DESIGN/BUILD - DESIGN COST						<u>158</u>
TOTAL REQUEST						4,322
TOTAL REQUEST (ROUNDED)						4,300
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Upgrade existing range complex to a Modified Record Fire Range to include observation tower, covered mess facility for 240 soldiers, and 300 chair classroom. Supporting facilities include utilities, bleachers, security fencing, parking, target cable installation, well house, maintenance road, and site improvements. Supporting cost are high due to the cost to bury the electrical lines to the targets. Class room air conditioning (5 tons) and heating (gas heat) provided by self-contained units. Observation tower self-contained heating, ventilation and air conditioning system. Demolish existing tower and classroom facility (1,920 SF). Anti-terrorism/force protection measures include laminated glass and barriers. Accessibility for the handicapped shall be provided.						
11. REQ:		15 FP ADQT:		NONE		SUBSTD:                    10 FP
PROJECT: Upgrade existing range to a Modified Record Fire Range. (Current Mission)						
REQUIREMENT: This project is required to reconfigure existing ranges for the integration of the Next Generation Targetry System. This system will improve the capability to train and evaluate soldiers' ability to correctly detect and engage targets and adjust for the effects of wind and gravity. The new equipment, installed on a properly configured range, will provided realistic,						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Leonard Wood, Missouri

4. PROJECT TITLE Night Fire Range	5. PROJECT NUMBER 23301
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine w/ Sewage Treatment	LS	--	--	(136)
Automated Night Fire Range	FP	15	187,452	(2,812)
			Total	2,948

REQUIREMENT: (CONTINUED)

time-constrained training environment. The new system provides computer-controlled target manipulation, and automated scoring for both day and night combat training. The facility must be expandable to meet the requirements of new weapons systems and revised training doctrine. Fort Leonard Wood's annual training load is 43,315 soldiers who must complete this stage of weapons qualification to graduate from basic training. This is Fort Leonard Wood's most critical training facility requirement.

CURRENT SITUATION: The standard method of conducting night and Nuclear, Biological and Chemical-environment (NBC) record fire is to use a record fire range with a 25m firing line. However, with a training load of over 40,000 soldiers a year (65 percent of whom training during the June-December timeframe), Fort Leonard Wood's two record fire ranges are already insufficient to handle the training load for actual Record Firing. Consequently, soldiers conducting night and NBC firing return to a range that upon which they have already been trained in Day/Night Defense Firing. This familiarity detracts from realistic training conditions, and Training Support Package (TSP) standards are not met. (Consequently, soldiers do not receive an evaluation score). The range, targets, and supporting facilities, such as latrines and classrooms, control tower, ammunition supply point, are approximately 40 years old, do not meet current facility standards, are in a poor state of repair, and well past their life expectancy. These decrepit facilities cause dangerously increased health and safety risks in addition to detracting from soldier morale.

IMPACT IF NOT PROVIDED: If this project is not provided, over 26,000 Individual Entry Training (IET) and 13,000 US Army Forces Command (FORSCOM), Reserve, and National Guard soldiers will not be able to train in accordance with current standards and requirements. Despite the cadre's extraordinary efforts to compensate for severe facility limitations, soldiers will continue to train in substandard, dilapidated, and inadequate training facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Fort Leonard Wood, Missouri
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4. PROJECT TITLE  Night Fire Range	5. PROJECT NUMBER  23301
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC BYRON G. JORNS  
Phone Number: 573-596-0840

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4.PROJECT TITLE Basic Combat Training Complex Ph 2			
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 53439		8.PROJECT COST (\$000) Auth                    4,400 Approp                 27,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						22,616
Company Operations/Barracks		m2 (SF)	17,280 ( 186,000)		1,237	(21,379)
EMCS Connections		LS	--		--	(60)
IDS Installation		LS	--		--	(36)
Antiterrorism Force Protection		LS	--		--	(372)
Building Information Systems		LS	--		--	(769)
<u>SUPPORTING FACILITIES</u>						2,077
Electric Service		LS	--		--	(115)
Water, Sewer, Gas		LS	--		--	(100)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,329)
Site Imp( 20) Demo( )		LS	--		--	(20)
Information Systems		LS	--		--	(400)
Antiterrorism/Force Protection		LS	--		--	(113)
ESTIMATED CONTRACT COST						24,693
CONTINGENCY PERCENT (5.00%)						<u>1,235</u>
SUBTOTAL						25,928
SUPV, INSP & OVERHEAD (5.70%)						<u>1,478</u>
TOTAL REQUEST						27,406
TOTAL REQUEST (ROUNDED)						27,406
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      This project will complete a two-phased construction project authorized by Congress in FY 2001 for \$61.2 million. The total requirement constructs a standard-design, battalion-size, basic training complex for 1,200 trainees, consisting of open bay billeting space, five company operations, classrooms, battalion headquarters, and a standard-design dining facility sized to support 800- 1,300 soldiers. This project, Phase 2, constructs open bay billeting space and three company operations for 720 trainees (three company operations/barracks). Connect energy monitoring and control system (EMCS). Install an intrusion detection sysyem (IDS). Supporting facilities include utilities; electric service; street lighting; fire protection and alarm systems; sprinkler system; paving, walks, curbs and gutters; parking and access roads; storm drainage; sanitary sewer; troop formation area; running track; exterior signage; information systems; water tower; and site improvements. Heating and hot water will be provided by modular gas boilers. Air conditioning (1,680 tons) will be provided by a central plant facility. The central cooling plant and the running track will also serve the facilities constructed by a future MCA Project for an additional Basic Training Complex. Comprehensive interior design services are required. Access for the handicapped will be provided. Site requires increased preparation. Force protection measures include security lighting, heavy						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Leonard Wood, Missouri		
4. PROJECT TITLE  Basic Combat Training Complex Ph 2	5. PROJECT NUMBER  53439	
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED) landscaping, blast berms, and structural and window enhancement.		
<p>11. REQ: 9,200 PN ADQT: NONE SUBSTD: 9,200 PN  PROJECT: Construct a battalion sized basic combat trainee complex for 1,200 trainees. (Current Mission)  REQUIREMENT: Provide a basic combat trainee complex to support 1,200 trainees and a working cadre of 100-130.  CURRENT SITUATION: The Army's basic training requirement is projected to increase. Additional facilities must be constructed to accommodate the increased number of soldiers in basic training. Male and female soldiers are currently housed in 1960s era "rolling pin" barracks. Recent Army recruiting trends together with the requirement to implement Gender Integrated Training have resulted in a shortage of Initial Entry Training (IET) troop housing throughout the Army. The Army also increased the course length of Basic Combat Training (BCT) by one week which further increases the pressure on overcrowded facilities. The rolling pin barracks are filled to capacity, forcing Fort Leonard Wood to prepare temporary metal barracks for projected summer surges. The rolling pin barracks lack air conditioning and adequate restroom facilities. The crowded facilities without air conditioning and poor ventilation has resulted in increased upper respiratory infections among the trainees. The soldiers cannot get a good night's rest during July and August due to extreme heat and humidity. This negatively impacts training and results in reduced training effectiveness due to trainees being overtired. Restroom usage must be divided between male and female soldiers causing long lines to toilets, sinks, showers, and changing rooms. Areas for clothes washing and laundry disposition are inadequate. These deficient facilities force trainers to schedule additional personal hygiene periods which ultimately leads to a reduction in valuable training time. This has a negative impact on training, readiness, morale, and soldier recruitment and retention.  IMPACT IF NOT PROVIDED: If this project is not provided, current and projected training demands at Fort Leonard Wood will exceed existing troop housing assets. If basic combat trainee complex is not provided, IET soldiers will be placed in overcrowded rolling pin barracks that were not designed to accommodate Gender Integrated Training. Problems of overcrowding and a lack of basic privacy has resulted in high attrition, lower quality of training, increased illness and lost training time. Construction of the basic training complex will allow for a more even distribution of female soldiers and will ease the overcrowding problem in the existing barracks.  ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction</p>		

1.COMONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Leonard Wood, Missouri		
4.PROJECT TITLE  Basic Combat Training Complex Ph 2	5.PROJECT NUMBER  53439	
<p>ADDITIONAL: (CONTINUED)</p> <p>of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. FY 1999 Unaccompanied Housing RPM Conducted: \$3 million. FY 2000 Unaccompanied Housing RPM Planned: \$2, million. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$ 5M has been spent on Real Property Maintenance of unaccompanied enlisted personnel housing at Fort Leonard Wood. Upon completion of this multi-phased project basic combat training/one station unit training, the remaining deficit is 8,000 personnel at this installation.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	<u>OCT 1999</u>	
(b) Percent Complete As Of January 2001.....	<u>95.00</u>	
(c) Date 35% Designed.....	<u>MAR 2000</u>	
(d) Date Design Complete.....	<u>FEB 2001</u>	
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	
(f) Type of Design Contract: Design-bid-build		
(2) Basis:		
(a) Standard or Definitive Design: YES		
(b) Where Most Recently Used: Fort Leonard Wood		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....	<u>800</u>	
(b) All Other Design Costs.....	<u>200</u>	
(c) Total Design Cost.....	<u>1,000</u>	
(d) Contract.....	<u>          </u>	
(e) In-house.....	<u>1,000</u>	
(4) Construction Contract Award..... <u>NOV 2001</u>		
(5) Construction Start..... <u>DEC 2001</u>		
(6) Construction Completion..... <u>JUN 2003</u>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Fort Leonard Wood, Missouri
---

4. PROJECT TITLE  Basic Combat Training Complex Ph 2	5. PROJECT NUMBER  53439
--	--------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Mr. Dan Harrison  
Phone Number: 573 596-0840

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
-----	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
PROJECT	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
NUMBER	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----
New Jersey	Fort Monmouth (AMC)				257
43707	Barracks Complex	20,000	20,000	C	259
		-----	-----		
	Subtotal Fort Monmouth PART I	\$ 20,000	20,000		
	* TOTAL MCA FOR New Jersey	\$ 20,000	20,000		

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM				2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION  Fort Monmouth New Jersey			4. COMMAND  US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX  1.17	
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 30 SEP 2000		144	175	4734	0	194	0
B. END FY 2006		149	152	3535	0	194	0
					30	8	3927
					30	8	3939
							8,007
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		749 ha		(1,852 AC)			
B. INVENTORY TOTAL AS OF 30 SEP 2000.....						1,023,601	
C. AUTHORIZATION NOT YET IN INVENTORY.....						12,100	
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....						20,000	
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....						0	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						2,700	
H. GRAND TOTAL.....						1,058,401	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:							
CATEGORY PROJECT				COST		DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)		START	COMPLETE
721	43707	Barracks Complex		20,000		10/2000	09/2001
				TOTAL		20,000	
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. INCLUDED IN THE FY 2003 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
10. MISSION OR MAJOR FUNCTIONS:							
Provides support and facilities for US Army Communications Electronics Command and its tenants.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
						(\$000)	
A. AIR POLLUTION						0	
B. WATER POLLUTION						0	
C. OCCUPATIONAL SAFETY AND HEALTH						0	



1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Monmouth New Jersey			4.PROJECT TITLE Barracks Complex			
5.PROGRAM ELEMENT  72896A		6.CATEGORY CODE  721	7.PROJECT NUMBER  43707		8.PROJECT COST (\$000) Auth                    20,000 Approp                 20,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						15,250
Revitalized Barracks Bldg 1204		m2 (SF)	6,544 ( 70,439)		1,002	(6,555)
Revitalized Barracks Bldg 1205		m2 (SF)	6,463 ( 69,572)		1,120	(7,242)
Connecting Link Corridor		m2 (SF)	147.16 ( 1,584)		1,268	(187)
Asbestos Removal		LS	--		--	(305)
Antiterrorism Force Protection		LS	--		--	(78)
Building Information Systems		LS	--		--	(883)
<u>SUPPORTING FACILITIES</u>						2,815
Electric Service		LS	--		--	(114)
Water, Sewer, Gas		LS	--		--	(40)
Steam And/Or Chilled Water Dist		LS	--		--	(1,238)
Paving, Walks, Curbs & Gutters		LS	--		--	(51)
Storm Drainage		LS	--		--	(53)
Site Imp( 65) Demo( )		LS	--		--	(65)
Information Systems		LS	--		--	(1,224)
Antiterrorism/Force Protection		LS	--		--	(30)
ESTIMATED CONTRACT COST						18,065
CONTINGENCY PERCENT (5.00%)						<u>903</u>
SUBTOTAL						18,968
SUPV, INSP & OVERHEAD (5.70%)						<u>1,081</u>
TOTAL REQUEST						20,049
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Modernize two existing barracks using a modified standard-design and install air conditioning in the adjoining classroom wing. A portion of the barracks buildings (1,700 SM) will be converted into a physical fitness training center for the students. Install a centralized intercom system and fire suppression system, and energy efficient geothermal heating and air conditioning (250 tons) system. Supporting facilities include paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Antiterrorism force protection requirements include laminated glass.						
11. REQ:                    250 PN    ADQT:                    NONE                    SUBSTD:                    250 PN						
PROJECT: Modernize barracks and class rooms for students attending the United States Military Academy Preparatory School (USMAPS). (Current Mission)						
REQUIREMENT: This project is required to provide a modern campus environment, to include barracks and classroom facilities, for 250 students attending the USMAPS. There are no other alternatives to revitalize, since these facilities are a part of a larger academic environment containing an administrative building, dining facilities, auditorium, and an outdoor training area which are all dedicated to the USMAPS mission.						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  
  
Fort Monmouth, New Jersey

4. PROJECT TITLE  Barracks Complex	5. PROJECT NUMBER  43707
--	--------------------------------

CURRENT SITUATION: If this project is not provided, these barracks were last modernized in 1979. The existing number of gang showerheads is grossly inadequate (many students cannot shower after practice and before dinner), the heating and air conditioning systems are aged and inadequate, and the electrical system must be upgraded since it will not support computers in every room. Also, the classroom wing currently utilizes inefficient window air conditioners with no energy controls.

IMPACT IF NOT PROVIDED: If this project is not provided the soldier's quality of life and the students ability for private study will continue to degrade and be compromised.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$ 0.816M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Monmouth. Upon completion of this project there is no remaining student housing deficit at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... OCT 2000
- (b) Percent Complete As Of January 2001..... 35.00
- (c) Date 35% Designed..... JAN 2001
- (d) Date Design Complete..... SEP 2001
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 984

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Monmouth, New Jersey		
4.PROJECT TITLE  Barracks Complex	5.PROJECT NUMBER  43707	
12. <u>SUPPLEMENTAL DATA:</u> (Continued)		
A. Estimated Design Data: (Continued)		
(b) All Other Design Costs.....	_____	416
(c) Total Design Cost.....	_____	1,400
(d) Contract.....	_____	100
(e) In-house.....	_____	1,300
(4) Construction Contract Award.....	_____	DEC 2001
(5) Construction Start.....	_____	JAN 2002
(6) Construction Completion.....	_____	MAY 2004
B. Equipment associated with this project which will be provided from other appropriations:		
<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated    Cost</u>
		<u>Or Requested    (\$000)</u>
NA		
Installation Engineer: James Ott Phone Number: 732 532-3854		

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
New York	Fort Drum (FORSCOM)				265
3118	Hazardous Material Storage Facility	4,700	4,700	C	267
14529	Tactical Equipment Shops	31,000	31,000	C	270
43462	Field Operations Facility	2,150	2,150	C	273
54926	Battle Simulation Center, Phase 2	3,000	9,000	C	276
	Subtotal Fort Drum PART I	\$ 40,850	46,850		
	United States Military Academy (USMA)				279
47593	Cadet Physical Development Center Ph III	0	37,900	C	281
	Subtotal United States Military Academy PART I	\$ 0	37,900		
	* TOTAL MCA FOR New York	\$ 40,850	84,750		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001																																												
3. INSTALLATION AND LOCATION  Fort Drum New York	4. COMMAND  US Army Forces Command	5. AREA CONSTRUCTION COST INDEX  1.16																																												
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">6. PERSONNEL STRENGTH:</td> <td style="width:10%;">PERMANENT</td> <td style="width:10%;">STUDENTS</td> <td style="width:10%;">SUPPORTED</td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>TOTAL</td> </tr> <tr> <td>A. AS OF 30 SEP 2000</td> <td>1263</td> <td>9979</td> <td>1399</td> <td>0</td> <td>86</td> <td>0</td> <td>62</td> <td>262</td> <td>1300</td> <td>14,351</td> </tr> <tr> <td>B. END FY 2006</td> <td>1264</td> <td>10092</td> <td>1266</td> <td>0</td> <td>86</td> <td>0</td> <td>61</td> <td>262</td> <td>1300</td> <td>14,331</td> </tr> </table>			6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED									OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	A. AS OF 30 SEP 2000	1263	9979	1399	0	86	0	62	262	1300	14,351	B. END FY 2006	1264	10092	1266	0	86	0	61	262	1300	14,331
6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED																																											
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B. END FY 2006	1264	10092	1266	0	86	0	61	262	1300	14,331																																				
<p style="text-align: center;">7. INVENTORY DATA (\$000)</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">A. TOTAL AREA.....</td> <td style="width:20%;">43,564 ha</td> <td style="width:20%;">(107,648 AC)</td> </tr> <tr> <td>B. INVENTORY TOTAL AS OF 30 SEP 2000.....</td> <td></td> <td style="text-align: right;">2,604,905</td> </tr> <tr> <td>C. AUTHORIZATION NOT YET IN INVENTORY.....</td> <td></td> <td style="text-align: right;">98,148</td> </tr> <tr> <td>D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....</td> <td></td> <td style="text-align: right;">40,850</td> </tr> <tr> <td>E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....</td> <td></td> <td style="text-align: right;">28,800</td> </tr> <tr> <td>G. REMAINING DEFICIENCY.....</td> <td></td> <td style="text-align: right;">320,673</td> </tr> <tr> <td>H. GRAND TOTAL.....</td> <td></td> <td style="text-align: right;">3,093,376</td> </tr> </table>			A. TOTAL AREA.....	43,564 ha	(107,648 AC)	B. INVENTORY TOTAL AS OF 30 SEP 2000.....		2,604,905	C. AUTHORIZATION NOT YET IN INVENTORY.....		98,148	D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....		40,850	E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....		0	F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		28,800	G. REMAINING DEFICIENCY.....		320,673	H. GRAND TOTAL.....		3,093,376																				
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<p>8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">CATEGORY</th> <th style="width:15%;">PROJECT</th> <th style="width:30%;">PROJECT TITLE</th> <th style="width:10%;">COST (\$000)</th> <th style="width:10%;">DESIGN</th> <th style="width:10%;">STATUS</th> </tr> <tr> <th>CODE</th> <th>NUMBER</th> <th></th> <th></th> <th>START</th> <th>COMPLETE</th> </tr> </thead> <tbody> <tr> <td>442</td> <td>3118</td> <td>Hazardous Material Storage Facility</td> <td style="text-align: right;">4,700</td> <td>07/2001</td> <td>12/2002</td> </tr> <tr> <td>214</td> <td>14529</td> <td>Tactical Equipment Shops</td> <td style="text-align: right;">31,000</td> <td>11/2000</td> <td>08/2002</td> </tr> <tr> <td>141</td> <td>43462</td> <td>Field Operations Facility</td> <td style="text-align: right;">2,150</td> <td>06/2001</td> <td>12/2002</td> </tr> <tr> <td>171</td> <td>54926</td> <td>Battle Simulation Center, Phase 2</td> <td style="text-align: right;">9,000</td> <td>10/2000</td> <td>02/2002</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">46,850</td> <td></td> <td></td> </tr> </tbody> </table>			CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN	STATUS	CODE	NUMBER			START	COMPLETE	442	3118	Hazardous Material Storage Facility	4,700	07/2001	12/2002	214	14529	Tactical Equipment Shops	31,000	11/2000	08/2002	141	43462	Field Operations Facility	2,150	06/2001	12/2002	171	54926	Battle Simulation Center, Phase 2	9,000	10/2000	02/2002	TOTAL			46,850				
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B.	PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																																													
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>Training and support of a Light Infantry Division. Provide support to Reserve Component Training.</p>																																														
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:80%;"></th> <th style="width:20%;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0																																				
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B. WATER POLLUTION	0																																													
C. OCCUPATIONAL SAFETY AND HEALTH	0																																													

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Drum New York		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$200,080,000, based on the Installation Status Report Information on Conditions as of October 2000. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$200,080, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Drum New York			4.PROJECT TITLE Hazardous Material Storage Facility			
5.PROGRAM ELEMENT 22696A		6.CATEGORY CODE 442	7.PROJECT NUMBER 3118		8.PROJECT COST (\$000) Auth                    4,700 Approp                 4,700	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,584
Hazardous Material Storage Fac.		m2 (SF)	2,195 ( 23,622)		1,564	(3,433)
Storage Shed, Gas Cylinder		m2 (SF)	41.81 ( 450)		495.31	(21)
Specialized Storage Components		LS	--		--	(85)
Antiterrorism Force Protection		LS	--		--	(12)
Building Information Systems		LS	--		--	(33)
<u>SUPPORTING FACILITIES</u>						492
Electric Service		LS	--		--	(27)
Water, Sewer, Gas		LS	--		--	(103)
Paving, Walks, Curbs & Gutters		LS	--		--	(175)
Storm Drainage		LS	--		--	(48)
Site Imp( 91) Demo( )		LS	--		--	(91)
Information Systems		LS	--		--	(31)
Antiterrorism/Force Protection		LS	--		--	(17)
ESTIMATED CONTRACT COST						4,076
CONTINGENCY PERCENT (5.00%)						<u>204</u>
SUBTOTAL						4,280
SUPV, INSP & OVERHEAD (5.70%)						244
DESIGN/BUILD - DESIGN COST						<u>171</u>
TOTAL REQUEST						4,695
TOTAL REQUEST (ROUNDED)						4,700
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a hazardous material storage facility that includes packaged petroleum, oils, and lubricants (POL) along with other materials classified under Environmental rules as hazardous. Project includes office space; truck dock; ramps and doors to permit use of forklifts and storage shed. Supporting facilities include utilities; electric service; heating, ventilation, air conditioning (HVAC) in administrative areas only; fire sprinklers with alarm reporting system, paving, walks, curbs and gutters; access roads; heat distribution lines; storm drainage; information systems; and site improvements. Heating will be provided by natural gas. Air conditioning is estimated a 5 tons. Access for the handicapped will be provided. Anti-Terrorism/Force Protection measures will include laminated glass and traffic control barriers.						
11. REQ:		2,323 m2	ADQT:		NONE	SUBSTD:                    1,088 m2
PROJECT: Construct a Hazardous Material storage facility. (Current Mission)						
REQUIREMENT: This project is required to provide the Directorate of Logistics with a storage facility for hazardous material products that meets environmental standards and safety requirements.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
--------------------------	---	----------------------------

3. INSTALLATION AND LOCATION  
  
Fort Drum, New York

4. PROJECT TITLE  Hazardous Material Storage Facility	5. PROJECT NUMBER  3118
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CURRENT SITUATION: Hazardous material storage needs are currently being met by a 28 year old vehicle maintenance building (5,706 SF) which does not provide compartmentalization and potentially violates environmental regulations for spill control and prevention. A second building (a 6,000 SF pre-engineered structure, which is 2.25 miles away) has recently been assigned for heated storage of non-flammable products, primarily latex paints. The building is at ground level, making it difficult and inefficient to load and unload cargo from tractor trailers. Due to lack of space, over 75 percent of the stored products must be stored outside. This exposes the containers to Fort Drum's severe winter, subjects the products to destruction, and violates environmental policies for storage and spill prevention.

IMPACT IF NOT PROVIDED: If this project is not provided, the continued inefficient and hazardous conditions that now exist will continue. Hazardous materials will continue to be destroyed by freezing. The facility will remain in non-compliance with US Environmental Protection Agency and National Fire Protection Association regulations, and the Installation's Spill Prevention Control and Counter measures plan.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUL 2001
- (b) Percent Complete As Of January 2001.....       .00
- (c) Date 35% Designed..... SEP 2002
- (d) Date Design Complete..... DEC 2002
- (e) Parametric Cost Estimating Used to Develop Costs       YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

1.COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Drum, New York

4.PROJECT TITLE  Hazardous Material Storage Facility	5.PROJECT NUMBER  3118
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>102</u>
(b) All Other Design Costs.....	<u>65</u>
(c) Total Design Cost.....	<u>167</u>
(d) Contract.....	<u>107</u>
(e) In-house.....	<u>60</u>

(4) Construction Contract Award..... JUL 2002

(5) Construction Start..... DEC 2002

(6) Construction Completion..... DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NA			

Installation Engineer: COL John L. Ramey  
Phone Number: 315-772-5371

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Fort Drum New York				4. PROJECT TITLE Tactical Equipment Shops		
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 214	7. PROJECT NUMBER 14529	8. PROJECT COST (\$000) Auth                    31,000 Approp                 31,000		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						20,251
Vehicle Maintenance Shops, 6 EA		m2 (SF)	7,782 ( 83,766)		1,593	(12,397)
Oil Storage Building		m2 (SF)	105.91 ( 1,140)		1,345	(143)
Organizational Storage Building		m2 (SF)	3,360 ( 36,162)		807.29	(2,712)
Organizational Vehicle Parking		m2 (SY)	64,633 ( 77,300)		69.37	(4,483)
Antiterrorism Force Protection		LS	--		--	(124)
Total from Continuation page						(392)
<u>SUPPORTING FACILITIES</u>						6,697
Electric Service		LS	--		--	(1,003)
Water, Sewer, Gas		LS	--		--	(1,456)
Paving, Walks, Curbs & Gutters		LS	--		--	(704)
Storm Drainage		LS	--		--	(412)
Site Imp( 2,825) Demo(            )		LS	--		--	(2,825)
Information Systems		LS	--		--	(272)
Antiterrorism/Force Protection		LS	--		--	(25)
ESTIMATED CONTRACT COST						26,948
CONTINGENCY PERCENT (5.00%)						<u>1,347</u>
SUBTOTAL						28,295
SUPV, INSP & OVERHEAD (5.70%)						1,613
DESIGN/BUILD - DESIGN COST						<u>1,132</u>
TOTAL REQUEST						31,040
TOTAL REQUEST (ROUNDED)						31,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction      Construct six standard-design brigade vehicle maintenance shops, an organizational equipment storage building, petroleum, oils, and lubricants (POL) storage building; and organizational parking. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; security fencing and lighting; storm drainage; information systems; and site improvements. Heating will be provided by hot water from oil-fired boilers. Garage spaces will be heated by hot water unit heaters. Access for the handicapped will be provided. Anti-terrorism/Force Protection includes laminated glass and barriers.						
11. REQ:                    56,421 m2    ADQT:                    48,639 m2    SUBSTD:                    3,844 m2						
PROJECT: Construct a tactical equipment maintenance facility for the Aviation Brigade, 10th Mountain Division (Light Infantry) and attached units at Wheeler-Sack Army Airfield (WSAAF). (Current Mission)						
REQUIREMENT: This project is required to provide tactical vehicle equipment maintenance and storage facilities. Under the Barracks Renovation program, the Aviation Brigade housing and administrative facilities are being relocated to WSAAF and all their associated aviation activities are already at WSAAF. This project supports the unit integrity concept, consolidating all basic unit						

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Drum, New York

4.PROJECT TITLE  Tactical Equipment Shops	5.PROJECT NUMBER  14529
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(108)
Building Information Systems	LS	--	--	(284)
			Total	392

REQUIREMENT: (CONTINUED)

functions (housing, operations and maintenance) together.

CURRENT SITUATION: The Aviation Brigade currently uses organizational maintenance shops in the cantonment area located some six miles from WSAAF where the brigade works and lives. Soldiers currently travel back and forth from the airfield to the aircraft maintenance shops to perform their missions, wasting a lot of time. Winter weather conditions can add substantial time to the travel. The existing maintenance shops will be back-filled by support units that are currently occupying World War II facilities scattered throughout the cantonment area.

IMPACT IF NOT PROVIDED: If this project is not provided, the Aviation Brigade will continue to suffer reduced efficiencies from the separation between the vehicle maintenance and other work areas. Maintenance on vehicles suffers when soldiers have to travel to perform their missions at the expense of unit readiness and the morale and efficiency of those who must do so.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... NOV 2000
- (b) Percent Complete As Of January 2001..... 15.00
- (c) Date 35% Designed..... MAY 2002
- (d) Date Design Complete..... AUG 2002
- (e) Parametric Cost Estimating Used to Develop Costs YES

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Drum, New York

4. PROJECT TITLE Tactical Equipment Shops	5. PROJECT NUMBER 14529
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	_____
(b) All Other Design Costs.....	<u>1,450</u>
(c) Total Design Cost.....	<u>1,450</u>
(d) Contract.....	<u>1,000</u>
(e) In-house.....	<u>450</u>

(4) Construction Contract Award..... MAR 2002

(5) Construction Start..... AUG 2002

(6) Construction Completion..... AUG 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC(P) John Ramey  
Phone Number: 315 772-5371

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Drum New York			4.PROJECT TITLE  Field Operations Facility			
5.PROGRAM ELEMENT  91520A		6.CATEGORY CODE  141	7.PROJECT NUMBER  43462		8.PROJECT COST (\$000) Auth                    2,150 Approp                 2,150	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,491
CIDC Field Operations Building		m2 (SF)	856.75 ( 9,222)		1,615	(1,383)
Antiterrorism Force Protection		LS	--		--	(16)
IDS Installation		LS	--		--	(7)
EMCS Connections		LS	--		--	(18)
Building Information Systems		LS	--		--	(67)
<u>SUPPORTING FACILITIES</u>						356
Electric Service		LS	--		--	(47)
Water, Sewer, Gas		LS	--		--	(45)
Paving, Walks, Curbs & Gutters		LS	--		--	(88)
Storm Drainage		LS	--		--	(17)
Site Imp( 33) Demo( 59)		LS	--		--	(92)
Information Systems		LS	--		--	(38)
Antiterrorism/Force Protection		LS	--		--	(29)
ESTIMATED CONTRACT COST						1,847
CONTINGENCY PERCENT (5.00%)						<u>92</u>
SUBTOTAL						1,939
SUPV, INSP & OVERHEAD (5.70%)						111
DESIGN/BUILD - DESIGN COST						<u>78</u>
TOTAL REQUEST						2,128
TOTAL REQUEST (ROUNDED)						2,150
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design Criminal Investigation Command (CIDC) field operations building. Install an intrusion detection system (IDS). Connect to an energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; security lighting; lightning protection; sanitary sewers; storm drainage; access roads; paving, walks curbs and gutters; parking; fencing and gates; information systems; and site improvements. Access for the handicapped will be provided. For protective security a metal clad door on the evidence depository with 24 hour lighting will be provided. Heating will be by natural gas and air conditioning (15 Tons)will be provided by a self contained unit. Anti-terrorist/Force Protection (AT/FP) measures include traffic control features. Demolish two World War II (WWII) buildings (707 SM).						
11. REQ:		857 m2	ADQT:	NONE	SUBSTD:	707 m2
PROJECT: Construct a standard-design, CIDC Field Operations Building. (Current Mission)						
REQUIREMENT: This project is required to provide adequate operating facilities for a resident agency, a criminal investigative field office of US Army Criminal Investigation Command. This organization requires special purpose space, such as a polygraph room and evidence depository to perform its						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Drum, New York		
4. PROJECT TITLE  Field Operations Facility	5. PROJECT NUMBER  43462	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>mission. The current facility is not designed to accommodate full utilization of this type of use. In addition, space for eight non-tactical vehicles, support space for four High Mobility Multi-Purpose Wheeled Vehicles (HMMV) with trailers and a repository for storage of other Modified Table of Organization and Equipment (MTOE) for a six-man detachment is required. Eighteen full-time personnel will occupy the new facility. No facilities on or off the installation can properly satisfy the present requirement.</p> <p><u>CURRENT SITUATION:</u>    The unit is currently located in two temporary, World War II, wooden buildings. The facility lacks a suspect waiting room, suspect rest room, interview and line-up rooms, adequate soundproofing to insure confidentiality, an arms room, and a vehicle processing area. These buildings are not designed for daily operations of this type of specialized function. The general condition of these facilities are poor. Floors are very weak, lighting is inadequate and temperature is next to impossible to control. In the winter these buildings are very cool and drafty. In the summer these facilities are not properly ventilated, causing excessive heat and humidity, which affects the operation of sensitive electronic equipment. The reliability and speed of the extremely sensitive polygraph examinations is adversely affected by the temperature extremes and extraneous noise in the working environment.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the unit will continue to operate under substandard conditions in a facility that does not meet CIDC operational requirements. Victim, witness, and suspect and evidence processing will continue to suffer. MTOE storage will continue to be inadequate. The failure to provide adequate facilities lowers both the morale and productivity of a small, overworked, specially-skilled military and civilian workforce.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Drum, New York

4.PROJECT TITLE  Field Operations Facility	5.PROJECT NUMBER  43462
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... JUN 2001
    - (b) Percent Complete As Of January 2001..... .00
    - (c) Date 35% Designed..... SEP 2002
    - (d) Date Design Complete..... DEC 2002
    - (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ YES
    - (f) Type of Design Contract: Design-build
    - (g) An energy study and life cycle cost analysis will be documented during the final design.
  - (2) Basis:
    - (a) Standard or Definitive Design: YES
    - (b) Where Most Recently Used:  
Fort Eustis
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 47
    - (b) All Other Design Costs..... 30
    - (c) Total Design Cost..... 77
    - (d) Contract..... 49
    - (e) In-house..... 28
  - (4) Construction Contract Award..... JUL 2002
  - (5) Construction Start..... DEC 2002
  - (6) Construction Completion..... DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)
NA			

Installation Engineer: COL John Ramsey  
Phone Number: (315) 772-6117

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Fort Drum New York				4. PROJECT TITLE Battle Simulation Center, Phase 2		
5. PROGRAM ELEMENT 85796A		6. CATEGORY CODE 171	7. PROJECT NUMBER 54926	8. PROJECT COST (\$000) Auth                    3,000 Approp                 9,000		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						15,686
Battle Simulation Center		m2 (SF)	6,887 ( 74,135)		2,027	(13,963)
Access Control Facility		m2 (SF)	37.16 ( 400)		1,165	(43)
Concrete Antenna Farm		m2 (SY)	836.13 ( 1,000)		77.70	(65)
Building Information Systems		LS	--		--	(1,615)
<u>SUPPORTING FACILITIES</u>						2,445
Electric Service		LS	--		--	(253)
Water, Sewer, Gas		LS	--		--	(73)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,180)
Storm Drainage		LS	--		--	(24)
Site Imp( 560) Demo( 235)		LS	--		--	(795)
Antiterrorism/Force Protection		LS	--		--	(35)
Information Systems		LS	--		--	(85)
ESTIMATED CONTRACT COST						18,131
CONTINGENCY PERCENT (5.00%)						907
SUBTOTAL						19,038
SUPV, INSP & OVERHEAD (5.70%)						1,085
DESIGN/BUILD - DESIGN COST						762
TOTAL REQUEST						20,885
TOTAL REQUEST (ROUNDED)						21,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction      This project was authorized at \$18 million in FY 2001 and received an appropriation for \$12 million. An authorization of \$3 million and an additional appropriation of \$9 million is needed to complete the project. Construct a Divisional Battle Simulation Center (BSC) and parking area. Supporting facilities include utilities; electric service; fire protection and alarm system; paving, walks, curbs and gutters; concrete pad with security fencing; storm drainage; and site improvements. Heating, ventilation and air conditioning (HVAC) will be provided by a self-contained system. Air conditioning: 280 tons. Demolish six World War II wooden buildings (3,358 m2). Anti-terrorism/force protection measures include stand-off distances and fencing. Comprehensive interior design is required. Access for the handicapped shall be provided.						
11. REQ:		6,925 m2	ADQT:	NONE	SUBSTD:	3,358 m2
PROJECT: Construct a centralized Divisional Battle Simulation Center. (Current Mission)						
REQUIREMENT: This project is required to provide effective training in the command and control of combined arms operations in a simulated tactical environment against an appropriate opposing force prior to actual field exercises. The project will support the 10th Mountain Division (Light						

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Drum, New York		
4.PROJECT TITLE  Battle Simulation Center, Phase 2	5.PROJECT NUMBER  54926	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>Infantry), the US Army Reserve and the Army National Guard units training at Fort Drum. This facility will support both battle simulations for maneuver units and combat support simulations. The training supported by the facility will be primarily Company/Platoon through Division level simulations, using computer assisted, and computer driven simulations that are presently available and will be available in the future.</p> <p><u>CURRENT SITUATION:</u>    Battle simulation exercises are being conducted in a World War II (WWII) wood facility that was originally constructed as an NCO Club. This building space is supplemented by four WWII wood barracks and two WWII administrative buildings. The total combined space provides only about 50 percent of the required space and utilization is greatly degraded by the separation into multiple buildings.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, commanders and their staffs, at the Brigade and lower levels, will not receive the necessary training in the command and control of combined arms operations, and, in turn, will not acquire the level of proficiency necessary for combat. This project replaces the deteriorating Battle Simulation Center Complex that is extremely undersized and split into eight separate WWII buildings. The largest building is the WWII NCO Club with its expansive wooden trusses that are subject to failure from heavy snow loading.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate, based on project engineering design, was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		
<p>12.    <u>SUPPLEMENTAL DATA:</u></p> <p>    A.    Estimated Design Data:</p> <p>        (1)    Status:</p> <p>            (a)    Date Design Started.....    <u>OCT 2000</u></p> <p>            (b)    Percent Complete As Of January 2001.....    <u>15.00</u></p> <p>            (c)    Date 35% Designed.....    <u>NOV 2001</u></p> <p>            (d)    Date Design Complete.....    <u>FEB 2002</u></p> <p>            (e)    Parametric Cost Estimating Used to Develop Costs    <u>YES</u></p> <p>            (f)    Type of Design Contract:    Design-build</p> <p>        (2)    Basis:</p>		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Drum, New York

4. PROJECT TITLE Battle Simulation Center, Phase 2	5. PROJECT NUMBER 54926
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Standard or Definitive Design: NO

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |     |
|---|-----|
| (a) Production of Plans and Specifications..... | 300 |
| (b) All Other Design Costs.....                 | 300 |
| (c) Total Design Cost.....                      | 600 |
| (d) Contract.....                               |     |
| (e) In-house.....                               | 600 |
- (4) Construction Contract Award..... SEP 2001
- (5) Construction Start..... FEB 2002
- (6) Construction Completion..... NOV 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: LTC(P) John Ramey  
Phone Number: 315 772-5371

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001																																												
3. INSTALLATION AND LOCATION  United States Military Academy New York	4. COMMAND  United States Military Academy	5. AREA CONSTRUCTION COST INDEX  1.28																																												
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">6. PERSONNEL STRENGTH:</td> <td style="width:10%;">PERMANENT</td> <td style="width:10%;">STUDENTS</td> <td style="width:10%;">SUPPORTED</td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>OFFICER</td> <td>ENLIST</td> <td>CIVIL</td> <td>TOTAL</td> </tr> <tr> <td>A. AS OF 30 SEP 2000</td> <td>742</td> <td>607</td> <td>2239</td> <td>40</td> <td>4909</td> <td>0</td> <td>48</td> <td>288</td> <td>2087</td> <td>10,960</td> </tr> <tr> <td>B. END FY 2006</td> <td>746</td> <td>608</td> <td>2073</td> <td>0</td> <td>5</td> <td>0</td> <td>48</td> <td>288</td> <td>2073</td> <td>5,841</td> </tr> </table>			6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED									OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	A. AS OF 30 SEP 2000	742	607	2239	40	4909	0	48	288	2087	10,960	B. END FY 2006	746	608	2073	0	5	0	48	288	2073	5,841
6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED																																											
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL																																				
A. AS OF 30 SEP 2000	742	607	2239	40	4909	0	48	288	2087	10,960																																				
B. END FY 2006	746	608	2073	0	5	0	48	288	2073	5,841																																				
<p style="text-align: center;">7. INVENTORY DATA (\$000)</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">A. TOTAL AREA.....</td> <td style="width:20%;">6,508 ha</td> <td style="width:20%;">(16,081 AC)</td> </tr> <tr> <td>B. INVENTORY TOTAL AS OF 30 SEP 2000.....</td> <td></td> <td style="text-align: right;">2,022,444</td> </tr> <tr> <td>C. AUTHORIZATION NOT YET IN INVENTORY.....</td> <td></td> <td style="text-align: right;">152,900</td> </tr> <tr> <td>D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>G. REMAINING DEFICIENCY.....</td> <td></td> <td style="text-align: right;">81,010</td> </tr> <tr> <td>H. GRAND TOTAL.....</td> <td></td> <td style="text-align: right;">2,256,354</td> </tr> </table>			A. TOTAL AREA.....	6,508 ha	(16,081 AC)	B. INVENTORY TOTAL AS OF 30 SEP 2000.....		2,022,444	C. AUTHORIZATION NOT YET IN INVENTORY.....		152,900	D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....		0	E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....		0	F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....		0	G. REMAINING DEFICIENCY.....		81,010	H. GRAND TOTAL.....		2,256,354																				
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<p>8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:15%;">CATEGORY</th> <th style="width:15%;">PROJECT</th> <th style="width:30%;">PROJECT TITLE</th> <th style="width:10%;">COST (\$000)</th> <th style="width:10%;">DESIGN</th> <th style="width:10%;">STATUS</th> </tr> <tr> <th>CODE</th> <th>NUMBER</th> <th></th> <th></th> <th>START</th> <th>COMPLETE</th> </tr> </thead> <tbody> <tr> <td>740</td> <td>47593</td> <td>Cadet Physical Development Center Ph III</td> <td style="text-align: right;">37,900</td> <td>02/1998</td> <td>05/2001</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">37,900</td> <td></td> <td></td> </tr> </tbody> </table>			CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN	STATUS	CODE	NUMBER			START	COMPLETE	740	47593	Cadet Physical Development Center Ph III	37,900	02/1998	05/2001	TOTAL			37,900																						
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<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>The mission of the United States Military Academy (USMA) is to educate, train, and inspire the Corps of Cadets so that each graduate shall have the character, leadership, intellectual foundation, and other attributes essential to progression and continuing development throughout a career of exemplary service to the nation as an officer of the regular army. USMA is the installation manager for Stewart Army Subpost.</p>																																														
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;"></td> <td style="width:10%;"></td> <td style="width:20%; text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td></td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td></td> <td style="text-align: right;">0</td> </tr> </table>					(\$000)	A. AIR POLLUTION		0	B. WATER POLLUTION		0	C. OCCUPATIONAL SAFETY AND HEALTH		0																																
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C. OCCUPATIONAL SAFETY AND HEALTH		0																																												

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: United States Military Academy      New York		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$428,764,000, based on the Installation Status Report Information on conditions as of October 1999. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$802,481, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION United States Military Academy New York			4.PROJECT TITLE Cadet Physical Development Center Ph III			
5.PROGRAM ELEMENT  85896A		6.CATEGORY CODE  740	7.PROJECT NUMBER  47593		8.PROJECT COST (\$000) Auth Approp  37,900	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						67,809
Cadet Physical Development Ctr		m2 (SF)	29,823 ( 321,013)		1,793	(53,462)
Instructional Pool		m2 (SF)	921.97 ( 9,924)		1,926	(1,775)
Intramural Pool		m2 (SF)	1,478 ( 15,904)		1,959	(2,894)
Temporary Facilities		LS	--		--	(1,000)
Utility Relocations		LS	--		--	(5,248)
Total from Continuation page						(3,430)
<u>SUPPORTING FACILITIES</u>						5,512
Paving, Walks, Curbs & Gutters		LS	--		--	(82)
Site Imp( 200) Demo( 5,180)		LS	--		--	(5,380)
Information Systems		LS	--		--	(50)
ESTIMATED CONTRACT COST						73,321
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						73,321
SUPV, INSP & OVERHEAD (5.70%)						4,179
TOTAL REQUEST						77,500
TOTAL REQUEST (ROUNDED)						77,500
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      In FY 1999 Congress fully authorized this project and appropriated \$12.0 million. Congress also appropriated \$14.0 million in FY 2000 and \$13.6 million in FY 2001. This phase will complete the project to revitalize the majority of the Arvin Cadet Physical Development Center. Construct basketball courts, multi-purpose spaces, boxing rooms, racquetball courts, a gymnastics complex with a climbing wall, fitness development spaces, locker rooms, storage areas, laundry facilities, and intramural pool. Convert existing boxing rooms for use as fitness development rooms. Provide seismic upgrades. Relocate utility services. Demolish one building (93,234 SF) and provide asbestos and lead paint mitigation. Heating, ventilation and air conditioning (HVAC) systems will be provided. Energy monitoring and control system EMCS) will be provided. Supporting facilities include rock stabilization; site improvements; and bracing the historic facades of the adjacent buildings. Access for the handicapped will be provided. Air conditioning will be (170 tons, only the duct work required for this phase.						
11. REQ:		42,033 m2	ADQT:		NONE	SUBSTD: 41,369 m2
PROJECT: Phase three of a three phase project to revitalize, including partial replacement the Arvin Cadet Physical Development Center. (Current Mission)						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
United States Military Academy, New York

4. PROJECT TITLE  Cadet Physical Development Center Ph III	5. PROJECT NUMBER  47593
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Rock Excavation	m3 (CY)	1,223 ( 1,600)	122.92	(150)
EMCS System	LS	--	--	(505)
Reno Box Rms to Weight	m2 (SF)	780.39 ( 8,400)	807.18	(630)
Building Information Systems	LS	--	--	<u>(2,145)</u>
			Total	3,430

REQUIREMENT: The Academy has a mission requirement to train future officers for the Army. A critical required element of this mission is the physical development of the Corps of Cadets (15 percent of a cadet's class standing is based on his/her physical program performance). The cadet physical development center is an indispensable facility necessary to accomplish this training mission. The project is required to correct three major categories of deficiencies in the existing facility: failure to meet codes, substandard conditions, and failure to adequately meet physical program requirements. The new facilities will allow compliance with fire and life safety codes, handicapped standards, and gender equity. The facility will be configured to allow cadets to accomplish the rigorous physical training requirements necessary for graduation and commissioning. The sections of the cadet physical development center that are not involved with phase one will remain open and active during the construction. Phased construction is anticipated with only selective shut-downs permitted in the sections not under construction.

CURRENT SITUATION: This existing Arvin Cadet Physical Development Center provides swimming and diving areas, court sports facilities, multi-purpose and combatant facilities, racquet court facilities, physical services for training and rehabilitation therapy, and sites for athletic competition. Existing facility is a multi-level layout of six interconnected structures which were constructed at different times over a 65 year period and are in a deteriorated condition. The facility lacks proper life safety, health, and handicap accessibility features. The building has inadequate fire protection systems. HVAC systems are improperly sized and are non-functional. Electrical and lighting systems do not meet current codes. Locker rooms contain various sanitation and health hazards. The facility lacks adequate latrines and elevators. Existing locker rooms do not meet gender equity requirements. The size and efficiency of the existing buildings are inadequate in providing the physical education space required for the physical training of cadets. Between the hours of 1530 and 1830, during the academic year, the cadets are the only users of the facility as they participate in mandatory physical training. In winter months, every space in the facility is in use during this time to include hallways and entry ways and there are still some cadet physical activities for which there no space is available to train. During this period,

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
United States Military Academy, New York

4.PROJECT TITLE  Cadet Physical Development Center Ph III	5.PROJECT NUMBER  47593
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CURRENT SITUATION:    (CONTINUED)  
other indoor cadet physical development locations (Holleder Center and Gillis Field House) are also completely utilized for cadet physical training. The Cadet Physical Development Center is the focal point for the cadets four year required physical activity/fitness program.

IMPACT IF NOT PROVIDED:    If this project is not provided, the Arvin Cadet Physical Development Center will continue to operate in an inefficient, poorly configured and hazardous condition. The facility will continue to fail to meet acceptable life safety, gender equity and handicapped accessibility standards. A high backlog of maintenance and repair costs will continue and adversely impact the operation of the facility. This inefficient facility will continue to only minimally provide for the required physical training of cadets.

ADDITIONAL:    This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Required seismic upgrades will be determined during the design phase. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... FEB 1998
- (b) Percent Complete As Of January 2001..... 60.00
- (c) Date 35% Designed..... DEC 1998
- (d) Date Design Complete..... MAY 2001
- (e) Parametric Cost Estimating Used to Develop Costs    YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):    (\$000)

- (a) Production of Plans and Specifications..... 4,800
- (b) All Other Design Costs..... 5,200
- (c) Total Design Cost..... 10,000
- (d) Contract..... 6,500
- (e) In-house..... 3,500

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
United States Military Academy, New York

4. PROJECT TITLE  Cadet Physical Development Center Ph III	5. PROJECT NUMBER  47593
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... AUG 2001
- (5) Construction Start..... SEP 2001
- (6) Construction Completion..... SEP 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: COL Luebker  
Phone Number: 914 938-3415

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
North Carolina	Fort Bragg (FORSCOM)				287
44496	Barracks Complex - Butner Rd Ph 2	0	49,000	C	289
46797	Parachute Team General Purpose Building	7,700	7,700	C	293
47347	Barracks Complex - Longstreet Rd Ph 2	0	27,000	C	296
47894	Vehicle Maintenance Facility	13,600	13,600	C	300
50230	Barracks Complex - Tagaytay Rd Ph2C	0	17,500	C	304
	Subtotal Fort Bragg PART I	\$ 21,300	114,800		
	Sunny Point Military Ocean Terminal (MIMC)				309
14104	Open Storage Area	2,050	2,050	C	311
14112	Road Improvements and Truck Pad	4,600	4,600	C	314
31187	Fire Station	2,750	2,750	C	317
43928	Deployment Staging Area	2,000	2,000	C	321
	Subtotal Sunny Point Military Ocean Terminal	P\$ 11,400	11,400		
	* TOTAL MCA FOR North Carolina	\$ 32,700	126,200		

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM					2. DATE 30 JUN 2001				
3. INSTALLATION AND LOCATION  Fort Bragg North Carolina			4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  0.88					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000		5333	34517	4132	683	1937	0	457	896	5293	53,248
B. END FY 2006		5403	35066	4084	533	2161	0	466	939	5481	54,133
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		78,287 ha		(193,450 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							4,938,831				
C. AUTHORIZATION NOT YET IN INVENTORY.....							377,098				
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							21,300				
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							60,000				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							290,560				
H. GRAND TOTAL.....							5,687,789				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT						COST		DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)		START	COMPLETE		
721	44496	Barracks Complex - Butner Rd Ph 2				49,000		12/1999	06/2001		
610	46797	Parachute Team General Purpose Building				7,700		06/2001	12/2002		
721	47347	Barracks Complex - Longstreet Rd Ph 2				27,000		03/1999	12/2000		
214	47894	Vehicle Maintenance Facility				13,600		07/2001	12/2002		
721	50230	Barracks Complex - Tagaytay Rd Ph2C				17,500		06/1998	07/1999		
TOTAL						114,800					
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY						COST					
CODE		PROJECT TITLE				(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM:											
721		Barracks Complex - Butner Rd Ph 3				48,500					
721		Barracks Complex - Armistead Street				40,000					
124		Consolidated Fuel Facility				20,000					
TOTAL						108,500					
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
Support and training of an Airborne Division and non-divisional support units; support to US Army Special Operations Command, including 1st US Army Special Operations Command, and the USA John F. Kennedy Special Warfare Center & School; XVIII Corps Headquarters and miscellaneous other tenant activities.											



1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina			4.PROJECT TITLE Barracks Complex - Butner Rd Ph 2			
5.PROGRAM ELEMENT  22696A		6.CATEGORY CODE  721	7.PROJECT NUMBER  44496		8.PROJECT COST (\$000) Auth Approp 49,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						33,957
Barracks		m2 (SF)	12,383 ( 133,290)		1,298	(16,073)
Company Operations Facilities		m2 (SF)	8,817 ( 94,905)		1,260	(11,111)
Battalion Headquarters Building		m2 (SF)	2,640 ( 28,418)		1,326	(3,501)
Antiterrorism Force Protection		LS	--		--	(326)
IDS Installation		LS	--		--	(99)
Total from Continuation page						(2,847)
<u>SUPPORTING FACILITIES</u>						10,307
Electric Service		LS	--		--	(2,225)
Water, Sewer, Gas		LS	--		--	(245)
Steam And/Or Chilled Water Dist		LS	--		--	(1,119)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,403)
Storm Drainage		LS	--		--	(585)
Site Imp( 2,521) Demo( 105)		LS	--		--	(2,626)
Information Systems		LS	--		--	(224)
Antiterrorism/Force Protection		LS	--		--	(880)
ESTIMATED CONTRACT COST						44,264
CONTINGENCY PERCENT (5.00%)						<u>2,213</u>
SUBTOTAL						46,477
SUPV, INSP & OVERHEAD (5.70%)						<u>2,649</u>
TOTAL REQUEST						49,126
TOTAL REQUEST (ROUNDED)						49,000
INSTALLED EQT-OTHER APPROP						(1,983)
10.Description of Proposed Construction      This project was fully authorized in FY 2001 for \$130 million and received an appropriation of \$26 million. Construct Phase II of a whole barracks renewal complex for the 82d Separate Battalions. Work includes constructing a new barracks, company operations, parking, community green space, secondary access roads, and recreational areas. Construct company operations facilities (two large, nine medium), in-processing center, and battalion headquarters buildings (two medium with classrooms) based on the standard constrained site designs. Provide energy monitoring and control systems (EMCS), fire alarm, detection, and reporting systems, automatic building sprinklers, intrusion detection systems (IDS), and force protection measures. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs, and gutters; storm drainage; erosion control measures; information systems; and site improvements. Access for the handicapped will be provided. Heating and air conditioning (300 tons) will be provided by stand alone systems. Anti-terrorism/force protection measures will be incorporated into the design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be met. Laminated glass will be used. Demolish 2,448 m2 (26,350 SF) of existing facilities in the footprint						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
--------------------------	---	----------------------------

3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Barracks Complex - Butner Rd Ph 2	5. PROJECT NUMBER  44496
---	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connection	LS	--	--	(469)
In Processing Center	m2 (SF)	1,474 ( 15,864)	1,326	(1,954)
Building Information Systems	LS	--	--	(424)
			Total	2,847

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

of construction. Provide comprehensive building and furnishings related interior design services.

11. REQ:            14,077 PN    ADQT:            8,000 PN    SUBSTD:            6,077 PN

PROJECT: Construct a standard-design barracks, company operations facilities, battalion headquarters, in-processing center, and parking to meet the Whole Barracks Renewal Program Standard. (Current Mission)

REQUIREMENT: This project is required to provide housing for single soldiers in the 82d Airborne Division. Barracks are required to replace substandard facilities. Administrative and parking facilities are necessary to replace undersized and substandard buildings. The existing building systems cannot support the needs of soldiers to provide soldiers with a quality-of-life environment. This project will also correct spatial relationships between barracks, parking, recreation areas, training areas, work areas, and dining. Maximum utilization is 352 persons. Total intended utilization is 300 E1-E4 and 26 E5-E6. This project is the fourth of seven brigade complexes required to improve the quality-of-life for single soldiers in the 82d Airborne Division.

CURRENT SITUATION: These facilities, originally constructed in 1955 (Hammerhead Barracks) provide minimal adequacy standards for unaccompanied personnel housing. These barracks are nearly 45 years old, the infrastructure is decaying, the soldiers still use gang latrines and showers, and existing heating, ventilation, and existing HVAC and hot water systems require frequent repairing. There is evidence of reinforcement bar problems in some of the concrete structure, and water infiltration in the concrete slabs. The 82d Airborne Division uses permanent, dispersed, inadequate facilities to accommodate brigade and battalion administrative functions. A typical brigade must rely on small dispersed administrative facilities. Battalion headquarters use a combination of a module building designed for storage and converted barracks space. Administrative facilities have inefficient office layouts. Barracks space converted to battalion headquarters has not been upgraded to an adequate battalion headquarters standard. The multi-story designs are required due to the extremely constrained building sites caused by the need to preserve adjacent wooded area for the recovery of the endangered red-cockaded

1.COMONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
------------------------	--	---------------------------

3.INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4.PROJECT TITLE  Barracks Complex - Butner Rd Ph 2	5.PROJECT NUMBER  44496
--	-------------------------------

CURRENT SITUATION: (CONTINUED)  
woodpecker.  
IMPACT IF NOT PROVIDED: If this project is not provided, enlisted personnel will continue to be housed in marginal facilities, resulting in lower morale adverse impacts on readiness.  
ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. . An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles was integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$174K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Bragg. Upon completion of this multi-phased project, and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party deficit is 4,801 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	DEC 1999
(b) Percent Complete As Of January 2001.....	60.00
(c) Date 35% Designed.....	JUL 2000
(d) Date Design Complete.....	JUN 2001
(e) Parametric Cost Estimating Used to Develop Costs	YES
(f) Type of Design Contract: Design-bid-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	1,440
(b) All Other Design Costs.....	360
(c) Total Design Cost.....	1,800
(d) Contract.....	
(e) In-house.....	1,800

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Bragg, North Carolina

4. PROJECT TITLE Barracks Complex - Butner Rd Ph 2	5. PROJECT NUMBER 44496
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... NOV 2001
- (5) Construction Start..... DEC 2001
- (6) Construction Completion..... MAR 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Company operations furniture	OPA	2004	742
Battalion HQ furniture/equipment	OPA	2004	867
IDS Equipment	OPA	2002	70
Info Sys - ISC	OPA	2002	304
		TOTAL	<u>1,983</u>

Installation Engineer: COL Robert Shirron  
Phone Number: 910 396-4009

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina			4.PROJECT TITLE Parachute Team General Purpose Building			
5.PROGRAM ELEMENT  22096A		6.CATEGORY CODE  610	7.PROJECT NUMBER  46797		8.PROJECT COST (\$000) Auth                    7,700 Approp                 7,700	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,575
Parachute Team Hqs Facility		m2 (SF)	3,179 ( 34,219)		1,539	(4,893)
Antiterrorism Force Protection		LS	--		--	(567)
Building Information Systems		LS	--		--	(115)
<u>SUPPORTING FACILITIES</u>						1,149
Electric Service		LS	--		--	(92)
Water, Sewer, Gas		LS	--		--	(101)
Paving, Walks, Curbs & Gutters		LS	--		--	(236)
Storm Drainage		LS	--		--	(93)
Site Imp( 413) Demo( )		LS	--		--	(413)
Information Systems		LS	--		--	(136)
Antiterrorism/Force Protection		LS	--		--	(78)
ESTIMATED CONTRACT COST						6,724
CONTINGENCY PERCENT (5.00%)						<u>336</u>
SUBTOTAL						7,060
SUPV, INSP & OVERHEAD (5.70%)						402
DESIGN/BUILD - DESIGN COST						<u>282</u>
TOTAL REQUEST						7,744
TOTAL REQUEST (ROUNDED)						7,700
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a Parachute Team Headquarters Facility. Special areas include a recruiting support center, operation center, classroom, and rigging space. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; storm drainage; information systems; force protection systems; and site improvements. Heating and air conditioning (100 tons) will be provided. Access for the handicapped will be provided. Comprehensive interior design is required and will be provided.						
11. REQ:                    225,871 m2    ADQT:                    173,358 m2    SUBSTD:                    2,414 m2						
PROJECT: Construct a Parachute Team Headquarters Facility. (Current Mission)						
REQUIREMENT: This project is urgently required to provide adequate facilities for all US Army Parachute Team activities in one central location. This will enhance the overall image of these specialists both with the general public and other operational units. Projecting a strong positive image is consistent with their stated mission. The stated mission is three-fold: promote Army recruitment, public relations and Army prestige; compete in national and international parachute competitions; and research and develop new parachuting techniques and equipment. Additionally, the temporary World War II (WWII) wood facilities currently occupied are included on the Fort Bragg						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Parachute Team General Purpose Building	5. PROJECT NUMBER  46797
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REQUIREMENT: (CONTINUED)

Facility Reduction Plan.

CURRENT SITUATION: The US Army Parachute Team is currently located in multiple buildings, which does not allow for the efficient operation of the Team. The existing facilities are temporary facilities and are in need of repairs. It is more cost effective to provide a new facility in lieu of trying to repair and renovate the existing buildings. Operationally, it is inefficient to have these various activities located in separate buildings.

IMPACT IF NOT PROVIDED: If this project is not provided, the US Army Parachute Team will continue to operate inefficiently in multiple buildings and the ability of the unit to promote Army recruitment, public relations, and pride and confidence in the Army among the American public will be severely hindered. They will continue to be unable to perform their mission to the level envisioned by General Joseph W. Stillwell, Jr., when the US Army Parachute Team (Golden Knights) was brought into existence in 1959. Considering the thousands of visitors annually who tour the US Army Parachute Team facilities, a modern, public image enhancing facility is a key and essential requirement to accomplish the mission of promoting Army recruitment, public relations, and Army prestige.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUN 2001
- (b) Percent Complete As Of January 2001..... .00
- (c) Date 35% Designed..... SEP 2002
- (d) Date Design Complete..... DEC 2002
- (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4.PROJECT TITLE  Parachute Team General Purpose Building	5.PROJECT NUMBER  46797
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |            |
|---|------------|
| (a) Production of Plans and Specifications..... | <u>167</u> |
| (b) All Other Design Costs.....                 | <u>107</u> |
| (c) Total Design Cost.....                      | <u>274</u> |
| (d) Contract.....                               | <u>175</u> |
| (e) In-house.....                               | <u>99</u>  |
- (4) Construction Contract Award..... JUL 2002
- (5) Construction Start..... DEC 2002
- (6) Construction Completion..... DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Lance A. Locklear  
Phone Number: DSN 236-6761

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina			4. PROJECT TITLE Barracks Complex - Longstreet Rd Ph 2		
5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 721	7. PROJECT NUMBER 47347	8. PROJECT COST (\$000) Auth Approp      27,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					22,324
Barracks		m2 (SF)	9,713 ( 104,550)	1,030	(10,004)
Battalion Headquarters Building		m2 (SF)	4,356 ( 46,888)	1,045	(4,552)
Company Operation Facilities		m2 (SF)	5,076 ( 54,638)	1,010	(5,127)
Aero-Medical Facility		m2 (SF)	634 ( 6,824)	1,010	(640)
Brigade Headquarters Building		m2 (SF)	973 ( 10,473)	1,045	(1,017)
Total from Continuation page					(984)
<u>SUPPORTING FACILITIES</u>					1,617
Electric Service		LS	--	--	(150)
Water, Sewer, Gas		LS	--	--	(150)
Paving, Walks, Curbs & Gutters		LS	--	--	(300)
Storm Drainage		LS	--	--	(200)
Site Imp( 350) Demo( )		LS	--	--	(350)
Information Systems		LS	--	--	(417)
Antiterrorism/Force Protection		LS	--	--	(50)
ESTIMATED CONTRACT COST					23,941
CONTINGENCY PERCENT (5.00%)					<u>1,197</u>
SUBTOTAL					25,138
SUPV, INSP & OVERHEAD (5.70%)					1,433
DESIGN/BUILD - DESIGN COST					<u>900</u>
TOTAL REQUEST					27,471
TOTAL REQUEST (ROUNDED)					27,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction      Construct Phase II of a whole barracks renewal complex using standard constrained site design. This project includes barracks; six company operations facilities; one aero-medical facility; three large battalion headquarters with classrooms; and a brigade headquarters. The company operations facilities have a larger square footage than the standard design for additional TA-50 storage. Install energy monitoring and control systems (EMCS) and intrusion detection systems (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; parking; access roads; recreational areas; paving, walks, curbs, and gutters; storm drainage; erosion control measures; information systems; and site improvements. Access for the handicapped will be provided. Demolish 263,007 SF. Anti-terrorism/force protection (AT/FP) measures include laminated glass and barriers. Comprehensive interior design services are required.					
11. REQ:                    14,077 PN    ADQT:                    8,000 PN    SUBSTD:                    6,077 PN					
PROJECT: Construct barracks, company operations facilities, aero-medical facility, battalion headquarters, brigade headquarters, and parking to meet the Whole Barracks Renewal Program Standard. (Current Mission)					

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001		
3. INSTALLATION AND LOCATION  Fort Bragg, North Carolina				
4. PROJECT TITLE  Barracks Complex - Longstreet Rd Ph 2	5. PROJECT NUMBER  47347			
9. <u>COST ESTIMATES (CONTINUED)</u>				
	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(80)
EMCS Connection	LS	--	--	(150)
Antiterrorism Force Protection	LS	--	--	(300)
Building Information Systems	LS	--	--	(454)
Total				984
<u>REQUIREMENT:</u> This project is required to provide housing for single soldiers in the 82d Airborne Division. Barracks are required to replace substandard facilities. Administrative facilities are necessary to replace undersized and substandard buildings. This project will also correct spatial relationships between barracks, parking, recreational areas, and work areas.				
<u>CURRENT SITUATION:</u> The typical barracks for the 82d Airborne Division soldier were constructed over 45 years ago in 1955. Soldiers still use gang latrines and showers. The infrastructure to these buildings is decaying. Existing heating, vventilation and air conditioning and hot water systems require frequent repairing. In addition, there is evidence of reinforcement bar problems in some of the concrete structures and water infiltration in the concrete slabs. The 82d Airborne Division uses permanent, dispersed, inadequate facilities to accommodate brigade and battalion administrative functions. Valuable barracks space has been converted to battalion headquarters.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the barracks and administrative facilities currently being utilized by the soldiers will remain unsatisfactory. The 45+ year old facilities will deteriorate and the installation will waste money repairing them although they are not economically feasible to renovate. Soldiers will live in poorly planned and undersized barracks that foster poor morale. Also, command and control is adversely affected by the current site layout with respect to location of barracks, administration, recreation, and training facilities.				
<u>ADDITIONAL:</u> This project has been coordinated with the physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational				

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Barracks Complex - Longstreet Rd Ph 2	5. PROJECT NUMBER  47347
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ADDITIONAL: (CONTINUED)

considerations, and location are incompatible with use by other components. During the past two years, \$62K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Bragg. Upon completion of this multi-phased project and other projects approved through FY 2001, and projects requested for 2002, the remaining unaccompanied enlisted permanent party housing deficit is 4,801 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAR 1999
- (b) Percent Complete As Of January 2001..... 100.00
- (c) Date 35% Designed..... MAY 2000
- (d) Date Design Complete..... DEC 2000
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Fort Bragg

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 600
- (b) All Other Design Costs..... 200
- (c) Total Design Cost..... 800
- (d) Contract..... \_\_\_\_\_
- (e) In-house..... 800

(4) Construction Contract Award..... OCT 2001

(5) Construction Start..... DEC 2001

(6) Construction Completion..... DEC 2003

1.COMONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  Fort Bragg, North Carolina
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4.PROJECT TITLE  Barracks Complex - Longstreet Rd Ph 2	5.PROJECT NUMBER  47347
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Equipment	Procuring	Fiscal Year	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	Appropriated	(\$000)
		<u>Or Requested</u>	
	NA		

Installation Engineer: COL Robert Shirron  
Phone Number: 910 396-4009

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Bragg North Carolina	4. PROJECT TITLE Vehicle Maintenance Facility
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5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 214	7. PROJECT NUMBER 47894	8. PROJECT COST (\$000) Auth 13,600 Approp 13,600
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				9,819
Vehicle Maintenance Shops	m2 (SF)	5,180 ( 55,755)	1,151	(5,962)
Class IX Support Facility	m2 (SF)	2,787 ( 30,000)	676.23	(1,885)
Oil Storage Building,	m2 (SF)	22.30 ( 240)	939.55	(21)
Battery Shop	m2 (SF)	187.66 ( 2,020)	1,168	(219)
Deployment Storage Building	m2 (SF)	65.03 ( 700)	808.72	(53)
Total from Continuation page				(1,679)
<u>SUPPORTING FACILITIES</u>				1,919
Electric Service	LS	--	--	(176)
Water, Sewer, Gas	LS	--	--	(191)
Paving, Walks, Curbs & Gutters	LS	--	--	(331)
Storm Drainage	LS	--	--	(191)
Site Imp( 799) Demo( 118)	LS	--	--	(917)
Information Systems	LS	--	--	(82)
Antiterrorism/Force Protection	LS	--	--	(31)
ESTIMATED CONTRACT COST				11,738
CONTINGENCY PERCENT (5.00%)				587
SUBTOTAL				12,325
SUPV, INSP & OVERHEAD (5.70%)				703
DESIGN/BUILD - DESIGN COST				493
TOTAL REQUEST				13,521
TOTAL REQUEST (ROUNDED)				13,600
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct a vehicle maintenance complex to include a deployment equipment storage building, oil storage building, battery shop, open storage area, organization vehicle hardstand, a Class IX support facility, and a standard-design large company intermediate forward support vehicle maintenance facility. The vehicle maintenance facility includes repair bays, small shops, general item and compact item repair areas, special environmental shops, electrically operated bay doors, lubricant dispensing facilities, vehicle exhaust ventilation, fire protection system, compressed air systems, full-width traveling bridge cranes, maintenance pits, administration area, and shop control area. The Class IX support facility includes electrically operated bay doors and loading docks. Supporting facilities include utilities; electric service; storm drainage; storm drainage infrastructure; sewer systems; fire protection and alarm systems; security lighting, fencing and gates; parking; paving, walks, curbs and gutters; information systems; and site improvements. Install energy monitoring and control system (EMCS) and intrusion detection system (IDS) and force protection systems (temporary barriers and double glazed windows). Heating and air conditioning (200 tons) will be provided by self-contained units for administrative areas, crypto vaults, and special environment shops. Demolish 4,639 SF (215 SF permanent; 4,424 SF World War II wood) within the footprint

1.COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE

Vehicle Maintenance Facility

5.PROJECT NUMBER

47894

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Vehicle Parking	m2 (SY)	9,764 ( 11,678)	56.61	(553)
Hardstand/POL Parking	m2 (SY)	15,456 ( 18,485)	53.01	(819)
Open Storage Area,	m2 (SY)	195.65 ( 234)	36.25	(7)
IDS Installation	LS	--	--	(25)
EMCS Connections	LS	--	--	(26)
Antiterrorism Force Protection	LS	--	--	(158)
Building Information Systems	LS	--	--	(91)
			Total	1,679

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

of the facility.

11. REQ:            174,750 m2    ADQT:            110,093 m2    SUBSTD:            12,817 m2

PROJECT: Construct a vehicle maintenance complex. (Current Mission)

REQUIREMENT: This project is required to provide adequate facilities for the 659th Maintenance Company which provides direct support maintenance and Class IX repair parts support to the 1st Corps Support Command and five non-divisional XVIII Airborne Corps Brigades totaling 112 customer units. The equipment which would be repaired in the facility include tracked vehicles, engineer construction equipment, 40 ton cranes, community security equipment, electronic equipment, small arms, fabrication, and all types of wheeled vehicles. Facility for repair parts receiving and storage for approximately 2,000 separate line items. The readiness posture and effectiveness of the supported units depends on well-maintained equipment, a fully stocked class IX repair parts activity and adequate work facility. This project also provides organizational support spaces for the 659th Maintenance Company and direct support to the parent battalion, 189th Corps Support Battalion. The facility will accommodate 227 personnel along with unit equipment for a heavy maintenance company.

CURRENT SITUATION: The 659th Maintenance Battalion currently performs maintenance and class IX supply operations in 12 temporary buildings with attached loading docks. The existing facilities were constructed during World War II (WWII), designed to last ten years, and are poorly adapted for modern organizational and direct support supply and maintenance operations. The current maintenance facilities are too small for large equipment repair operations, lack overhead cranes, and environmentally controlled shops for maintenance of communications security (COMSEC) and electronic equipment. The exhaust system in the maintenance bays is not capable of providing necessary ventilation to perform major vehicle maintenance operations in the shop bays. The repair parts storage area is termite infested and cannot safely support



1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4.PROJECT TITLE  Vehicle Maintenance Facility	5.PROJECT NUMBER  47894
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>299</u>
(b) All Other Design Costs.....	<u>191</u>
(c) Total Design Cost.....	<u>490</u>
(d) Contract.....	<u>313</u>
(e) In-house.....	<u>177</u>
 (4) Construction Contract Award.....	<u>JUL 2002</u>
(5) Construction Start.....	<u>DEC 2002</u>
(6) Construction Completion.....	<u>JUN 2004</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Lance A. Locklear  
Phone Number: (910) 396-5564/5300

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Bragg North Carolina	4. PROJECT TITLE Barracks Complex - Tagaytay Rd Ph2C
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5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 721	7. PROJECT NUMBER 50230	8. PROJECT COST (\$000) Auth Approp 17,500
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				52,632
Barracks	m2 (SF)	19,326 ( 208,023)	1,272	(24,592)
Dining Facility	m2 (SF)	1,956 ( 21,051)	1,972	(3,856)
Company Operations Facilities	m2 (SF)	7,634 ( 82,169)	1,210	(9,237)
Soldier Community Bldgs	m2 (SF)	2,428 ( 26,130)	1,317	(3,196)
Battalion Headquarters Bldgs	m2 (SF)	4,354 ( 46,866)	1,209	(5,264)
Total from Continuation page				(6,487)
<u>SUPPORTING FACILITIES</u>				12,782
Electric Service	LS	--	--	(1,783)
Water, Sewer, Gas	LS	--	--	(599)
Steam And/Or Chilled Water Dist	LS	--	--	(936)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,127)
Storm Drainage	LS	--	--	(2,319)
Site Imp( 3,911) Demo( 1,268)	LS	--	--	(5,179)
Information Systems	LS	--	--	(664)
Antiterrorism/Force Protection	LS	--	--	(175)
ESTIMATED CONTRACT COST				65,414
CONTINGENCY PERCENT (5.00%)				<u>3,271</u>
SUBTOTAL				68,685
SUPV, INSP & OVERHEAD (5.70%)				<u>3,915</u>
TOTAL REQUEST				72,600
TOTAL REQUEST (ROUNDED)				73,000
INSTALLED EQT-OTHER APPROP				(3,066)

10. Description of Proposed Construction This project is incrementally funded. In FY 2000 Congress fully authorized this project \$74 million (M) and appropriated \$16.508M. Phase 2B was appropriated at \$38.6 million in FY 2001. This is the third and final increment (\$17.5M). Construct a standard-design whole barracks renewal complex for the 1st Brigade. Project includes barracks, company operations facilities, dining hall, community buildings, battalion headquarters, and brigade headquarters. Connect energy monitoring and control systems (EMCS). Install intrusion detection systems (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; recreation areas; storm drainage; erosion control measures; information systems; and site improvements. Access for the handicapped will be provided. Heating (gas-fired) will be provided from existing heat plant. Air conditioning (1,840 tons) will be provided from existing chiller plant. Demolish ten buildings (178,851 SF) within the footprint with asbestos removal. Anti-terrorism/force protection measures include maximum barrier and laminated glass. The support facility cost is high due to the relocation of a major steamline and the associated need to provide satellite heat plants; and due to construction of an underground storm water retention system to serve several Military Construction, Army (MCA) projects in the vicinity. Comprehensive interior

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4.PROJECT TITLE

Barracks Complex - Tagaytay Rd Ph2C

5.PROJECT NUMBER

50230

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Brigade Headquarters Bldg	m2 (SF)	973 ( 10,473)	1,351	(1,315)
IDS Installation	LS	--	--	(50)
Antiterrorism/Force Protection	m2 (SF)	19,326 ( 208,023)	80.00	(1,546)
EMCS Connection	LS	--	--	(1,355)
Building Information Systems	LS	--	--	(2,221)
			Total	6,487

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

design is required.

11. REQ:                    14,077 PN    ADQT:                    8,000 PN    SUBSTD:                    6,077 PN

PROJECT: Construct a standard-design barracks complex with soldier community building, brigade headquarters and battalion headquarters buildings, and two company headquarters to meet the Whole Barracks Renewal Program Standard. (Current Mission)

REQUIREMENT: This project is required to provide housing for single soldiers in the 82d Airborne Division, 1st Brigade. Barracks are required to replace substandard facilities. Administrative and parking facilities are necessary to replace undersized and substandard buildings. This project will also correct spatial relationships between barracks, parking, recreation areas, training areas, work areas, and dining. Maximum utilization for the brigade complex is 640 spaces. The total intended utilization is 488 spaces for E1-E4 and 76 for E5-E6.

CURRENT SITUATION: The typical barracks for the 82d Airborne Division soldier was constructed in 1955. The infrastructure is decaying, the soldiers still use gang latrines and showers, and existing heating, ventilation, air conditioning, and hot water systems require frequent repairing. There is evidence of reinforcement bar problems in some of the concrete structure and water infiltration in the concrete slabs. The 82d Airborne Division uses permanent, dispersed, and inadequate facilities to accommodate brigade and battalion administrative functions. A typical brigade must rely on these, small, dispersed administrative facilities. Battalion headquarters use a combination of a module building designed for storage and converted barracks space. Administrative facilities have inefficient office layouts. Barracks space converted to battalion headquarters has not been upgraded to an adequate battalion headquarters standard. The two-story designs are required due to the extremely constrained building sites caused by the need to preserve adjacent wooded area for the recovery of the endangered red-cockaded woodpecker.

IMPACT IF NOT PROVIDED: If this project is not provided, the soldier's barracks and administrative facilities conditions will remain unsatisfactory.

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Barracks Complex - Tagaytay Rd Ph2C	5. PROJECT NUMBER  50230
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IMPACT IF NOT PROVIDED: (CONTINUED)

These old facilities will continue to deteriorate and the installation will waste money repairing facilities that are not economically feasible to renovate. Soldiers will live in poorly planned and undersized barracks that foster poor morale. Also, command and control is adversely affected by the current site layout with respect to location of barracks, administration, recreation, and training facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$78K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Bragg. Upon completion of this multi-phased project, other projects approved through FY 2001, and projects requested in FY 2002, the remaining unaccompanied enlisted permanent party housing deficit is 4,801 personnel at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JUN 1998
  - (b) Percent Complete As Of January 2001..... 100.00
  - (c) Date 35% Designed..... NOV 1998
  - (d) Date Design Complete..... JUL 1999
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Fort Bragg
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 496
  - (b) All Other Design Costs..... 124
  - (c) Total Design Cost..... 620

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4.PROJECT TITLE  Barracks Complex - Tagaytay Rd Ph2C	5.PROJECT NUMBER  50230
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract..... \_\_\_\_\_

(e) In-house..... 620

(4) Construction Contract Award..... NOV 2001

(5) Construction Start..... DEC 2001

(6) Construction Completion..... OCT 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Info Sys - ISC	OPA	2002	3,066
		TOTAL	<u>3,066</u>

Installation Engineer: COL Robert Shirron  
Phone Number: 910 396-4009

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM				2. DATE 30 JUN 2001					
3. INSTALLATION AND LOCATION  Sunny Point Military Ocean Terminal North Carolina			4. COMMAND  Military Traffic Management Command			5. AREA CONSTRUCTION COST INDEX  0.91					
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS			SUPPORTED				
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000		7	71	239	0	0	0	0	0	93	410
B. END FY 2006		6	72	233	0	0	0	0	0	93	404
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		6,606 ha		(16,324 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							913,379				
C. AUTHORIZATION NOT YET IN INVENTORY.....							11,800				
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							11,400				
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							0				
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0				
G. REMAINING DEFICIENCY.....							2,750				
H. GRAND TOTAL.....							939,329				
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT						COST		DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)		START	COMPLETE		
851	14112	Road Improvements and Truck Pad				4,600		05/2000	06/2001		
452	14104	Open Storage Area				2,050		05/2000	05/2001		
730	31187	Fire Station				2,750		06/2001	12/2002		
141	43928	Deployment Staging Area				2,000		05/2000	05/2001		
						TOTAL		11,400			
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY						COST					
CODE	PROJECT TITLE				(\$000)						
A. INCLUDED IN THE FY 2003 PROGRAM: NONE											
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE											
10. MISSION OR MAJOR FUNCTIONS:											
Receiving, handling, loading and shipping outbound and retrograde ammunition, explosives and other DOD cargo.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:											
						(\$000)					
A. AIR POLLUTION						0					
B. WATER POLLUTION						0					
C. OCCUPATIONAL SAFETY AND HEALTH						0					

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Sunny Point Military Ocean TerminalNorth Carolina		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$664,000, based on the Installation Status Report Information on conditions as of October 1999. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$379, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Sunny Point Military Ocean Terminal North Carolina				4.PROJECT TITLE Open Storage Area		
5.PROGRAM ELEMENT  46029A		6.CATEGORY CODE  452	7.PROJECT NUMBER  14104		8.PROJECT COST (\$000) Auth                    2,050 Approp                 2,050	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,258
Paving		m2 (SY)	44,490 ( 53,210)		20.79	(925)
Storage Building		m2 (SF)	37.16 ( 400)		1,819	(68)
Fuel Dispensing Facility		EA	1 --		35,023	(35)
Exterior Lighting		LS	--		--	(230)
<u>SUPPORTING FACILITIES</u>						571
Electric Service		LS	--		--	(136)
Water, Sewer, Gas		LS	--		--	(16)
Storm Drainage		LS	--		--	(175)
Site Imp( 244) Demo( )		LS	--		--	(244)
ESTIMATED CONTRACT COST						1,829
CONTINGENCY PERCENT (5.00%)						<u>91</u>
SUBTOTAL						1,920
SUPV, INSP & OVERHEAD (5.70%)						<u>109</u>
TOTAL REQUEST						2,029
TOTAL REQUEST (ROUNDED)						2,050
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a hardstand staging area, a storage building and a fuel dispensing facility. Supporting facilities include utilities, electric service, lighting, storm drainage, and site improvements. Access for the handicapped will be provided. Supporting facility costs are high due to extensive earthwork required for the project.						
11. REQ:                    195,889 m2    ADQT:                    102,033 m2    SUBSTD:                    NONE						
PROJECT: Construct a staging area, fuel dispensing facility, and a storage building in support of the Army's Strategic Mobility Program. (Current Mission)						
REQUIREMENT: This project is required to provide a centralized work area for staging military owned container (MILVAN) chassis and for refueling and parking yard tractors used for towing MILVAN chassis.						
CURRENT SITUATION: The mobility of Military Ocean Terminal (MOT), Sunny Point is the coordination, holding, staging and transfer of deploying Army troop units, equipment, ammunition, and other cargo to ocean-going vessels, and to reverse this process when units and equipment return from deployed locations. Much of this equipment is packed in MILVANS. These MILVANS are mounted on removable chassis whenever land movement is required, transforming them into semi-trailers. Within the MOT, yard tractors tow the MILVANS about.						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Sunny Point Military Ocean Terminal, North Carolina

4. PROJECT TITLE  Open Storage Area	5. PROJECT NUMBER  14104
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CURRENT SITUATION: (CONTINUED)

When MILVANS are empty or need minor repairs they are stored wherever space is available on post, usually in various unpaved, remote muddy areas with no security-surveillance lighting. Likewise, the yard tractors are randomly parked wherever space can be found. Additionally, there is no fuel dispensing point near the areas where the tractors work, necessitating a round trip of four miles in order to refuel. These conditions make it difficult to meet cargo-loading schedules and results in increases in time and operating costs.

IMPACT IF NOT PROVIDED: If this project is not provided, staging of MILVAN chassis, and staging and refueling of yard tractors will continue to be performed at dispersed, unimproved locations throughout the terminal. This will continue to hinder effective fleet management on the terminal and cause increased time and cost for moving cargo. This will also negatively affect MOTSU's ability to conduct cargo handling operations at a maximum rate to meet accelerated shipping schedules during contingencies.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also no anti-terrorism/force protection measures are required. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAY 2000
- (b) Percent Complete As Of January 2001..... 40.00
- (c) Date 35% Designed..... OCT 2000
- (d) Date Design Complete..... MAY 2001
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 71

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Sunny Point Military Ocean Terminal, North Carolina

4.PROJECT TITLE  Open Storage Area	5.PROJECT NUMBER  14104
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs.....	<u>31</u>
(c) Total Design Cost.....	<u>102</u>
(d) Contract.....	<u>          </u>
(e) In-house.....	<u>102</u>

(4) Construction Contract Award..... NOV 2001

(5) Construction Start..... DEC 2001

(6) Construction Completion..... DEC 2002

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Bassaim Mansour  
Phone Number: 910 457-8291

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Sunny Point Military Ocean Terminal North Carolina			4. PROJECT TITLE Road Improvements and Truck Pad		
5. PROGRAM ELEMENT 46029A	6. CATEGORY CODE 851	7. PROJECT NUMBER 14112	8. PROJECT COST (\$000) Auth                    4,600 Approp                 4,600		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
New Pavement	m2 (SY)	29,081 ( 34,780)	20.78	2,704 (604)	
Resurface Existing Pavement	m2 (SY)	23,412 ( 28,000)	6.95	(163)	
Explosive Barricades	m3 (CY)	131,045 ( 171,400)	14.78	(1,937)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	1,428 (377)	
Storm Drainage	LS	--	--	(272)	
Site Imp( 779) Demo( )	LS	--	--	(779)	
ESTIMATED CONTRACT COST				4,132	
CONTINGENCY PERCENT (5.00%)				207	
SUBTOTAL				4,339	
SUPV, INSP & OVERHEAD (5.70%)				247	
TOTAL REQUEST				4,586	
TOTAL REQUEST (ROUNDED)				4,600	
INSTALLED EQT-OTHER APPROP				(0)	
10. Description of Proposed Construction      Construct seven truck pads with explosive barricades with a capacity of 25 trailers each (175 total). Widen 2.2 miles of road, improve three intersections, and resurface 2.2 miles of existing road. Supporting facilities include electric service, area lighting, lightning protection, storm drainage, and site improvements. Supporting costs are high due to extensive earthwork required for the project.					
11. REQ:                    52,493 m2    ADQT:                    NONE                    SUBSTD:                    23,403 m2					
PROJECT: Construct seven truck pads, widen existing road, resurface existing road, and realign three intersections in support of the Army's Strategic Mobility Program. (Current Mission)					
REQUIREMENT: This project is required to improve the safety, security, and the effectiveness of ammunition and other military cargo handling operations. The existing roadway system will be improved so that ammunition-laden trailers can travel safely using the most direct routes between the cargo holding areas and the wharves. Holding capacities of cargo pads for commercial truck trailers will be increased to support large volume cargo movements during national emergencies. Safety and security will be improved by providing lighting systems on ammunition and cargo holding pads.					

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Sunny Point Military Ocean Terminal, North Carolina		
4.PROJECT TITLE  Road Improvements and Truck Pad	5.PROJECT NUMBER  14112	
<p><u>CURRENT SITUATION:</u> The mobility mission of Sunny Point Military Ocean Terminal (MOT) is the coordination, holding and transfer of deploying Army troop units, munitions, equipment and personal property to ocean-going vessels, and to reverse this process when units and equipment return from deployed locations. The main circulation road between cargo holding areas and the wharves is only 18 feet wide. This road dating back to the 1930s, was not built for modern sized trucks and trailers, poses a significant potential for accident, and impedes the smooth, efficient flow of ammunition and other cargo. When high volumes of ammunition and other military cargo move through the installation, the additional cargo trailers are stored on open fields which become muddy when it rains. This results in delays in cargo movements as vehicles and trailers become mired in the mud. In addition, there are no explosion safety berms in the temporary storage areas to separate hazardous cargo and prevent a chain reaction type explosion. Inadequate lighting hampers nighttime security inspections of these temporary storage sites.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the safety, security and operational efficiency of the installation's mission will continue to be hampered during periods of high volume cargo movements. The one-way loop system will continue to be used with subsequent increases in operational costs. Trailers loaded with ammunition will continue to be stored on unprepared grass surfaces that can turn to mud and cause delays in cargo movement. In addition, the lack of explosion barricade berms in the temporary areas causes a potential for a small explosion to chain react into a major accident. Finally, when the temporary areas are used, inadequate lighting will hamper security checks.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and all required physical security measures are included. No anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
<p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>MAY 2000</u></p> <p>(b) Percent Complete As Of January 2001..... <u>30.00</u></p> <p>(c) Date 35% Designed..... <u>FEB 2001</u></p> <p>(d) Date Design Complete..... <u>JUN 2001</u></p>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Sunny Point Military Ocean Terminal, North Carolina

4. PROJECT TITLE  Road Improvements and Truck Pad	5. PROJECT NUMBER  14112
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 234
- (b) All Other Design Costs..... 92
- (c) Total Design Cost..... 326
- (d) Contract..... \_\_\_\_\_
- (e) In-house..... 326

(4) Construction Contract Award..... NOV 2001

(5) Construction Start..... DEC 2001

(6) Construction Completion..... DEC 2002

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: Bassam Mansour  
Phone Number: 910 457-8291

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Sunny Point Military Ocean Terminal North Carolina				4.PROJECT TITLE Fire Station		
5.PROGRAM ELEMENT  72896A		6.CATEGORY CODE  730	7.PROJECT NUMBER  31187		8.PROJECT COST (\$000) Auth                    2,750 Approp                 2,750	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,889
Fire Station		m2 (SF)	1,161 ( 12,500)		1,582	(1,838)
Flammable Material Storage		m2 (SF)	13.38 ( 144)		1,399	(19)
Building Information Systems		LS	--		--	(32)
<u>SUPPORTING FACILITIES</u>						490
Electric Service		LS	--		--	(128)
Water, Sewer, Gas		LS	--		--	(46)
Paving, Walks, Curbs & Gutters		LS	--		--	(201)
Storm Drainage		LS	--		--	(10)
Site Imp( 99) Demo( )		LS	--		--	(99)
Information Systems		LS	--		--	(6)
ESTIMATED CONTRACT COST						2,379
CONTINGENCY PERCENT (5.00%)						<u>119</u>
SUBTOTAL						2,498
SUPV, INSP & OVERHEAD (5.70%)						142
DESIGN/BUILD - DESIGN COST						<u>100</u>
TOTAL REQUEST						2,740
TOTAL REQUEST (ROUNDED)						2,750
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Construct a modified standard-design two-company headquarters fire station to house an aero-platform truck and a Hazardous Material (HAZMAT) truck as required for a Munitions terminal. Special considerations include a central fire alarm system, overhead vehicle tail pipe exhaust system (OVTES) with automatic disconnect, and flammable materials storage building. Supporting facilities include utilities; electric service; standby generator; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating (oil-fired) and air conditioning (20 tons) will be provided by self-contained systems. Access for the handicapped will be provided. Comprehensive interior design is required. No anti-terrorism/force protection measures are included since MOTSU is a closed post.						
11. REQ:		1,161 m2	ADQT:                    NONE		SUBSTD:	483 m2
PROJECT: Construct a modified, standard-design, two company headquarters fire station. (Current Mission)						
REQUIREMENT: This project is urgently required to provide an adequate facility to accommodate personnel and equipment assigned to the Fire and Emergency Services Branch at MOTSU. This branch is charged with the critical life safety missions of providing around the clock fire fighting, fire						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Sunny Point Military Ocean Terminal, North Carolina		
4. PROJECT TITLE  Fire Station	5. PROJECT NUMBER  31187	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>prevention, hazardous material response, and emergency medical response. A modern, adequate facility is an inherent necessity for achieving and sustaining the required response capabilities, training, support needed for assigned personnel and equipment and for ensuring a fully functional and continuous operation. Due to the unique mission at MOTSU, non-standard fire fighting equipment is required to provide adequate dock side fire protection to cargo vessels while in port and to control brush fires on the installation. Consequently, a modified standard fire station design must be employed in order to provide the additional area needed to accommodate the oversized equipment.</p> <p><u>CURRENT SITUATION:</u>    Currently, fire protection and emergency services operations occupy a facility that also serves as installation communication center. Constructed in 1955 and expanded in 1986 to provide a sleeping area, this facility has never been renovated and is in very poor physical condition. The engine room is structurally unsound; structural members are cracked, bowed, and a main member is completely severed in one place. The roof of the existing facility is too heavy for the roof supports and is under constant stress and subject to collapse. Although routinely maintained and still inhabitable without a waiver, utility systems and structural components are worn out by routine wear and tear. Previous hurricanes have demolished the roof fan and left a large hole in the roof of the engine room. During a Class 2 or higher hurricane the building must be evacuated since the structural degradation has rendered the building as unsafe for occupancy during these conditions. When the station was constructed, fewer emergency response vehicles were assigned and of smaller physical dimensions. The facility is now grossly undersized for its expanded emergency response missions and the larger vehicles and response equipment. The lack of adequate space requires parking of fire fighting and emergency medical equipment outside the existing facility. Offices for the Chief, supervisors, and inspectors are located in a leased trailer adjacent to the fire station. The existing kitchen is small and inadequate for two company operations. Storage space is severely restricted; supplies for the fire department must be stored in a loft above the restroom. Work and storage areas for the extinguishing agent are located in a metal building six miles from the fire station. The existing fire station lacks adequate provisions for bio-hazardous material storage, for hose repair, extinguisher repair, for servicing and testing the fire department's self-contained breathing apparatus, for physical fitness training as well as separate restrooms/showers for female fire fighters. Personnel support facilities are minimal at best and impose a hardship on fire fighters who essentially reside in the building for three full days and nights per week. The building does not comply with NFPA nor OSHA requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, continuing utilization of the existing fire station will eventually render the installation incapable of providing even the basic levels of emergency</p>		

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Sunny Point Military Ocean Terminal, North Carolina		
4. PROJECT TITLE  Fire Station	5. PROJECT NUMBER  31187	
<p><u>IMPACT IF NOT PROVIDED:</u>    (CONTINUED)</p> <p>response services. The fire station will continue to deteriorate beyond repair; structural members will continue to fail. Continuing operations in the existing facility will not only present a serious safety hazard to assigned fire personnel and equipment but also significantly increase the Fire Department's response time for critical life saving operations. The next major hurricane could destroy the entire facility and essentially render MOTSU without an operational fire department to respond to emergencies. Without adequate storage, critical equipment will remain outside exposed to the deteriorating effects of sun and rain. During the winter months pumping equipment will continue to be subjected to freeze damage. Both conditions will result in a higher frequency of equipment breakdowns, contribute to extended periods of maintenance and longer response times. The lack of adequate fire protection at MOTSU will present an unacceptable situation. Uncontrollable fires aboard ammunition laden vessels or in ammunition holding areas could produce a catastrophic event resulting in the loss of human life, equipment and property and essentially render MOTSU non functional for ammunition outloading.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and no additional provisions for physical security and/or antiterrorism/force protection measures are included since MOTSU is a closed post. An economic analysis was performed and alternate methods of meeting this requirement have been explored. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>JUN 2001</u></p> <p>(b) Percent Complete As Of January 2001..... <u>.00</u></p> <p>(c) Date 35% Designed..... <u>SEP 2002</u></p> <p>(d) Date Design Complete..... <u>DEC 2002</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(f) Type of Design Contract: Design-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(2) Basis:</p>		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Sunny Point Military Ocean Terminal, North Carolina

4. PROJECT TITLE Fire Station	5. PROJECT NUMBER 31187
----------------------------------	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	62
(b) All Other Design Costs.....	38
(c) Total Design Cost.....	100
(d) Contract.....	64
(e) In-house.....	36
(4) Construction Contract Award.....	JUL 2002
(5) Construction Start.....	DEC 2002
(6) Construction Completion.....	DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
---	--	--	-------------------------------

NONE

Installation Engineer: Bassam M. Mansour  
Phone Number: 910.457.8291

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Sunny Point Military Ocean Terminal North Carolina				4.PROJECT TITLE Deployment Staging Area		
5.PROGRAM ELEMENT  46029A		6.CATEGORY CODE  141	7.PROJECT NUMBER  43928		8.PROJECT COST (\$000) Auth                    2,000 Approp                 2,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Canopy, TA1		m2 (SF)	2,933 ( 31,572)		195.87	1,719 (575)
Canopies, TA2 & TA3		m2 (SF)	5,946 ( 64,000)		192.34	(1,144)
<u>SUPPORTING FACILITIES</u>						103
Electric Service		LS	--		--	(55)
Storm Drainage		LS	--		--	(23)
Site Imp( 25) Demo( )		LS	--		--	(25)
ESTIMATED CONTRACT COST						1,822
CONTINGENCY PERCENT (5.00%)						<u>91</u>
SUBTOTAL						1,913
SUPV, INSP & OVERHEAD (5.70%)						<u>109</u>
TOTAL REQUEST						2,022
TOTAL REQUEST (ROUNDED)						2,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Construct three, open-sided, multiple-bay, canopies at three existing rail/truck explosive cargo transfer areas (TA). Special design requires heavy frames, large spread footings, and frames to accommodate oversized bays and hurricane level lateral wind loads. Supporting facilities consist of electric service for interior lighting and receptacles, relocation of a security fence and construction of ramps for existing loading docks at TA1; and filling an existing drainage ditch and excavating a new ditch at TA2. Access for the handicapped will be provided.						
11. REQ:                    8,879 m2    ADQT:                    NONE                    SUBSTD:                    NONE						
<u>PROJECT:</u> Construct three canopies at three existing rail/truck explosive cargo transfer areas (TA) in support of the Army's Strategic Mobility Program. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to allow ammunition and other military cargo transfer operations to be conducted under wet weather conditions and at night to meet munitions movement and shipping schedules. Construction of these canopies will significantly enhance current operations in three specific areas. First it will increase personnel and operational safety by providing protection from inclement weather. Secondly, it will increase operational capacity by providing lighting for extended nighttime operations and						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Sunny Point Military Ocean Terminal, North Carolina		
4. PROJECT TITLE  Deployment Staging Area	5. PROJECT NUMBER  43928	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>protection from the elements to allow operations to continue during bad weather. Thirdly, it will increase operational efficiency by minimizing disruptions to operations and work schedules due to wet weather and by eliminating the constraint of daylight operations only. There are no alternative facilities of sufficient size, capacity, and physical attributes on or off the terminal which could be employed to otherwise accommodate this essential and highly specific function.</p> <p><u>CURRENT SITUATION:</u>    All ammunition and other military cargo moving through Military Ocean Terminal Sunny Point (MOTSU) arrive and depart via commercial rail/truck carriers. Once on the installation, cargo is transferred from the commercial carriers onto government owned equipment that moves it to the wharves for loading on ships, or to temporary holding areas awaiting shipment. For cargo returning from overseas the reverse procedure is followed. Cargo transfer operations are a critical element in the process of cargo handling and shipping and directly affect the overall throughput capacity of the terminal. At present, all explosive cargo transfer operations at MOTSU are accomplished on three exposed, unlighted, open paved areas designated as Transfer Areas TA1, TA2, and TA3. Because of the accident potential involved in handling large quantities of explosives and the need to maintain a high degree of safety, cargo transfer operations can be accomplished only under dry and well lit conditions. At all three locations, transfer operations must be suspended during bad weather and cease at nightfall. These two constraints severely limit the time available for this essential activity which, in turn, adversely impacts the entire cycle of cargo movement through the terminal. This ultimately has a significant negative effect on overall cargo throughput capacity and capability.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the inefficiencies and added costs associated with current operations will continue, and the potential will remain for severe adverse impact on emergency mission capability and accomplishment. MOTSU is the only east coast ammunition terminal for support of US and NATO forces, and any constraints to throughput under emergency conditions would impact the entire spectrum of deployment and sustainment operations.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other</p>		

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Sunny Point Military Ocean Terminal, North Carolina

4.PROJECT TITLE  Deployment Staging Area	5.PROJECT NUMBER  43928
--	-------------------------------

ADDITIONAL: (CONTINUED)  
components.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... MAY 2000
    - (b) Percent Complete As Of January 2001..... 40.00
    - (c) Date 35% Designed..... OCT 2000
    - (d) Date Design Complete..... MAY 2001
    - (e) Parametric Cost Estimating Used to Develop Costs YES
    - (f) Type of Design Contract: Design-bid-build
    - (g) An energy study and life cycle cost analysis will be documented during the final design.
  - (2) Basis:
    - (a) Standard or Definitive Design: NO
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 71
    - (b) All Other Design Costs..... 31
    - (c) Total Design Cost..... 102
    - (d) Contract..... \_\_\_\_\_
    - (e) In-house..... 102
  - (4) Construction Contract Award..... NOV 2001
  - (5) Construction Start..... DEC 2001
  - (6) Construction Completion..... DEC 2002

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: Bassam Mansour  
Phone Number: 910 457-8291

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Oklahoma	Fort Sill (TRADOC)				327
41549	Deployment Staging Complex	5,100	5,100	C	329
		-----	-----		
	Subtotal Fort Sill PART I	\$ 5,100	5,100		
	* TOTAL MCA FOR Oklahoma	\$ 5,100	5,100		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Sill Oklahoma			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  0.91	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	1355	9227	1515	496	7266	0	94 664 3911 24,528
B. END FY 2006	1297	9031	1359	495	7290	0	93 665 3871 24,101
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	37,972 ha		(93,831 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2000.....	2,420,641						
C. AUTHORIZATION NOT YET IN INVENTORY.....	111,575						
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....	5,100						
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....	0						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	2,100						
G. REMAINING DEFICIENCY.....	137,597						
H. GRAND TOTAL.....	2,677,013						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:							
CATEGORY PROJECT					COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE			(\$000)	START COMPLETE	
610	41549	Deployment Staging Complex			5,100	03/2000 02/2002	
TOTAL					5,100		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY					COST		
CODE	PROJECT TITLE			(\$000)			
A. INCLUDED IN THE FY 2003 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
10. MISSION OR MAJOR FUNCTIONS:							
Support and training of artillery and missile units, operation of the US Army Field Artillery Center and School, US Army Reception Center and provides support for tenant activities and Reserve Components summer training.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
					(\$000)		
A. AIR POLLUTION					0		
B. WATER POLLUTION					0		
C. OCCUPATIONAL SAFETY AND HEALTH					0		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Sill Oklahoma		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$460,321,000, based on the Installation Status Report Information on conditions as of October 2000. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$460,321, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Sill Oklahoma				4.PROJECT TITLE Deployment Staging Complex		
5.PROGRAM ELEMENT 46029A		6.CATEGORY CODE 610	7.PROJECT NUMBER 41549		8.PROJECT COST (\$000) Auth                    5,100 Approp                 5,100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,444
Unit Movement Ops Complex		m2 (SF)	1,695 ( 18,250)		1,313	(2,227)
General Purpose Warehouse		m2 (SF)	668.90 ( 7,200)		709.45	(475)
Storage Shed, General Purpose		m2 (SF)	185.81 ( 2,000)		385.88	(72)
Vehicle/Equipment Parking, Org.		m2 (SY)	11,522 ( 13,780)		44.83	(517)
Loading/Unloading Docks & Ramps		EA	2 --		7,400	(15)
Total from Continuation page						(138)
<u>SUPPORTING FACILITIES</u>						944
Electric Service		LS	--		--	(23)
Water, Sewer, Gas		LS	--		--	(95)
Paving, Walks, Curbs & Gutters		LS	--		--	(124)
Site Imp( 152) Demo( )		LS	--		--	(152)
Information Systems		LS	--		--	(268)
Antiterrorism/Force Protection		LS	--		--	(282)
ESTIMATED CONTRACT COST						4,388
CONTINGENCY PERCENT (5.00%)						<u>219</u>
SUBTOTAL						4,607
SUPV, INSP & OVERHEAD (5.70%)						263
DESIGN/BUILD - DESIGN COST						<u>184</u>
TOTAL REQUEST						5,054
TOTAL REQUEST (ROUNDED)						5,100
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a Unit Movement Operations Complex including an operations building, open storage, warehouse storage, an area for pre-joint inspection and an Airfield Holding Area (AHA), tank road and an organizational vehicle marshalling area. Heating (gas-fired) and air conditioning (45 tons) will be provided by self-contained units. Supporting facilities include utilities, electric service, exterior area lighting, storm drainage, paving, parking, information systems, and site improvements. Anti-terrorism/force protection include standoff zones, and laminated glass. Accessibility for the handicapped shall be provided.						
11. REQ:                    39,590 m2    ADQT:                    23,676 m2    SUBSTD:                    23,754 m2						
PROJECT: Construct a unit movement operations complex to support the Army's Strategic Mobility Program. (Current Mission)						
REQUIREMENT: This project is required to provide the capability to rapidly deploy the contingency task force. The Unit Movements Section provides critical direct support to units from the preparation phase through the final movement of personnel and equipment to aerial and sea ports of embarkation. This facility is strategically located adjacent to the customer where coordination and flow of personnel and equipment can be carried out in the most efficient and timely manner. Equipment marshalling hardstand areas are						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Sill, Oklahoma

4. PROJECT TITLE  Deployment Staging Complex	5. PROJECT NUMBER  41549
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Force protection	LS	--	--	(82)
Building Information Systems	LS	--	--	<u>(56)</u>
Total				138

REQUIREMENT: (CONTINUED)

necessary so unit equipment can be assembled, inspected, and readied for loading under the direct supervision of unit movement personnel. Personnel and palletized loads are assembled in the complex for onward movement to aerial ports of embarkation. This facility will also be used for normal peacetime operations to support the many training and deployment exercises conducted throughout the year. It will provide the maximum training opportunity and will insure the maximum readiness of each soldier to conduct a real-time deployment.

CURRENT SITUATION: The unit movements personnel and automated systems are currently located in a building several miles from the customer. This facility is a bottleneck - too small and poorly laid out to meet the unit movements functional and logistical needs. Alternative existing facilities for the unit movements function are not available. As a result, the unit movements personnel processing, scheduling, and automated systems cannot fully meet the maintenance, training, and deployment demands placed on the facility. Processing through unit movements, receiving training, or updating property book records is a lengthy process. Computer systems essential to these activities are in storage and cannot be hooked up because of restricted space. Areas for packing and holding shipping containers, building and loading pallets for airlift, and marshalling equipment and vehicles are created makeshift. Motorpools and parking lots are pressed into service as makeshift loading and holding areas. Solders work unprotected in extreme weather. Equipment and supplies supporting the unit movements section are scattered around the installation in temporary warehousing and sea/land containers.

IMPACT IF NOT PROVIDED: If this project is not provided, critical deployment and readiness time will be wasted by the inefficiency of our present facilities, and the rapid deployments expected of a Power Projection Platform will not be possible.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design,

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Sill, Oklahoma		
4.PROJECT TITLE  Deployment Staging Complex	5.PROJECT NUMBER  41549	
<p><u>ADDITIONAL:</u>            (CONTINUED)</p> <p>development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>MAR 2000</u>
(b) Percent Complete As Of January 2001.....		<u>15.00</u>
(c) Date 35% Designed.....		<u>DEC 2001</u>
(d) Date Design Complete.....		<u>FEB 2002</u>
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(f) Type of Design Contract: Design-build		
(2) Basis:		
(a) Standard or Definitive Design: NO		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>170</u>
(b) All Other Design Costs.....		<u>70</u>
(c) Total Design Cost.....		<u>240</u>
(d) Contract.....		<u>180</u>
(e) In-house.....		<u>60</u>
(4) Construction Contract Award..... <u>NOV 2001</u>		
(5) Construction Start..... <u>FEB 2002</u>		
(6) Construction Completion..... <u>JUN 2003</u>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Fort Sill, Oklahoma
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4. PROJECT TITLE  Deployment Staging Complex	5. PROJECT NUMBER  41549
--	--------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Dennis Hergenrether  
Phone Number: 580-442-3517

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
South Carolina	Fort Jackson (TRADOC)				335
51935	Basic Combat Training Complex, Ph I	62,000	26,000	C	337
		-----			
	Subtotal Fort Jackson PART I	\$ 62,000	26,000		
	* TOTAL MCA FOR South Carolina	\$ 62,000	26,000		

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM				2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION  Fort Jackson South Carolina			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  0.85	
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 30 SEP 2000		951	4130	1421	213	16378	14
B. END FY 2006		916	4361	1325	211	17649	9
						74	230
						2445	25,856
						2491	27,266
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		21,166 ha		(52,301 AC)			
B. INVENTORY TOTAL AS OF 30 SEP 2000.....						1,723,439	
C. AUTHORIZATION NOT YET IN INVENTORY.....						57,690	
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....						62,000	
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....						0	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						55,957	
H. GRAND TOTAL.....						1,899,086	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:							
CATEGORY PROJECT				COST		DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
721	51935	Basic Combat Training Complex, Ph I		26,000	01/2001	12/2002	
				TOTAL	26,000		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. INCLUDED IN THE FY 2003 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
10. MISSION OR MAJOR FUNCTIONS:							
To provide logistical support and facilities for a U.S. Army training center for enlisted personnel and a U.S. Army reception station. Support of summer reserve training and military entrance processing station. Also support of U.S. Army hospital (435) and TO&E/TDA STRAF units.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
						(\$000)	
A. AIR POLLUTION						0	
B. WATER POLLUTION						0	
C. OCCUPATIONAL SAFETY AND HEALTH						0	



1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Jackson South Carolina			4.PROJECT TITLE Basic Combat Training Complex, Ph I			
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 721	7.PROJECT NUMBER 51935		8.PROJECT COST (\$000) Auth                    62,000 Approp                 26,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						45,143
Barracks/Company Ops		m2 (SF)	28,800 ( 310,000)		1,058	(30,473)
BN HQS/Classrooms		m2 (SF)	2,111 ( 22,725)		1,211	(2,557)
Dining Facility		m2 (SF)	3,320 ( 35,735)		1,950	(6,475)
Run Track/PT/Trng		EA	1 --		101,566	(102)
EMCS Connections		LS	--		--	(862)
Total from Continuation page						(4,674)
<u>SUPPORTING FACILITIES</u>						8,635
Electric Service		LS	--		--	(1,250)
Water, Sewer, Gas		LS	--		--	(1,686)
Steam And/Or Chilled Water Dist		LS	--		--	(1,339)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,244)
Storm Drainage		LS	--		--	(435)
Site Imp( 2,141) Demo(            )		LS	--		--	(2,141)
Information Systems		LS	--		--	(249)
Antiterrorism/Force Protection		LS	--		--	(291)
ESTIMATED CONTRACT COST						53,778
CONTINGENCY PERCENT (5.00%)						<u>2,689</u>
SUBTOTAL						56,467
SUPV, INSP & OVERHEAD (5.70%)						3,219
DESIGN/BUILD - DESIGN COST						<u>2,259</u>
TOTAL REQUEST						61,945
TOTAL REQUEST (ROUNDED)						62,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design battalion-size, Basic Combat Trainee (BCT) complex for 1,200 soldiers-in-training consisting of open-bay billeting space, five company headquarters, classroom space, a battalion headquarters, and a BCT standard dining facility. Also construct a new Central Energy Plant. The Anti-Terrorism/Force Protection (AT/FP) measures include exterior security lighting, heavy landscaping, bollards, laminated glass windows, structural enhancements, and standard setback distances from parking areas, roads, and facilities. Access for handicapped will be provided. Comprehensive interior furnishings and equipment design services are requested for administration and operations areas. Supporting facilities include utilities; electric service; street lighting; fire protection and alarm systems; sanitary and storm sewer systems; heating, ventilation and air conditioning (HVAC) distribution lines; access roads and parking; paving, walks, curbs and gutters; fencing; loading docks; signage; a running track/outdoor instruction/physical training area; troop assembly and staging areas; information systems; and site improvements. Heating and air conditioning (750 tons) will be provided by connection to new Central Energy Plant.						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Jackson, South Carolina

4. PROJECT TITLE  Basic Combat Training Complex, Ph I	5. PROJECT NUMBER  51935
---	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Force Protection	LS	--	--	(982)
IDS Install	LS	--	--	(14)
Central Energy Plant	m2 (SF)	1,486 ( 15,995)	1,671	(2,484)
Building Information Systems	LS	--	--	(1,194)
			Total	4,674

11. REQ: 12,830 PN ADQT: 7,200 PN SUBSTD: 5,630 PN

PROJECT: Construct a battalion-size, BCT barracks complex for 1,200 trainees, a standard BCT dining facility sized to support 800-1300 soldiers, and a Central Energy Plant. (Current Mission)

REQUIREMENT: This project is required to provide a Basic Combat Training (BCT) barracks to support 1,200 trainees and a cadre of 130 personnel. The provision of BCT is the primary mission of Fort Jackson. This project is required to provide the permanent, modern facilities to support the projected growth in training loads and is designed to provide administrative and cadre support, dining facilities, billeting, and training areas for the 21st century BCT battalion.

CURRENT SITUATION: There is a severe shortage of adequate BCT facilities at Fort Jackson. Male and female soldiers are currently housed in crowded, deteriorating, 1960s era, one-company, rolling-pin style barracks which were not constructed to current space standards or to be able to accommodate Gender Integrated Training. These facilities are considered as only marginally satisfactory and are an expensive and continuing problem to maintenance and repair. They also do not meet current construction and energy conservation standards. BCT is presently being conducted in separate billeting, dining, instructional, operations, training, and supply facilities. The excess distances between these buildings causes numerous control problems for supporting cadre personnel. These one-company barracks are filled to maximum capacity with extra strains felt during peak summer surge periods. Barracks designed for a capacity of 220 personnel are regularly filled with up to 300 trainees. Inefficient and substandard heating, ventilation, and air conditioning (HVAC) systems in these facilities causes increased incidences of upper respiratory infections for personnel. These barracks' lack of adequate air-conditioning causes many sleepless nights for trainees and supporting cadre during the summer months due to the extreme heat and humidity. Latrine usage must be divided between male and female soldiers causing long lines to toilets, sinks, showers, and changing rooms. These deficient facilities force trainers to schedule additional personal hygiene periods between physical training activities which ultimately leads to a reduction in valuable training

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Jackson, South Carolina		
4.PROJECT TITLE  Basic Combat Training Complex, Ph I	5.PROJECT NUMBER  51935	
<p><u>CURRENT SITUATION:</u>    (CONTINUED)</p> <p>time. Areas for clothes washing and laundry disposition are also woefully inadequate. The accelerated training loads have forced Fort Jackson to utilize trailers to accommodate the annual summer surge.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, this will result in a severe shortage of adequate BCT troop housing at Fort Jackson. The Army has also recently increased the course length for BCT by one week for a total of nine weeks of training time. This has intensified the acute pressure already placed on overcrowded facilities. Basic trainees will be forced to continue utilizing substandard, obsolete, and decaying facilities dispersed throughout a large area poorly suited for basic training. Failure to provide this project will also result in higher attrition rates and a general loss in efficiency, effectiveness, functional and operational ability, morale, quality of training, and quality of life for soldiers.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. Upon completion of this multi-phased project, the remaining Basic Combat Training housing deficit is 4,430 personnel at this installation.</p>		
<p>12.    <u>SUPPLEMENTAL DATA:</u></p> <p>    A.    Estimated Design Data:</p> <p>        (1)    Status:</p> <p>            (a)    Date Design Started.....    <u>JAN 2001</u></p> <p>            (b)    Percent Complete As Of January 2001.....    <u>.00</u></p> <p>            (c)    Date 35% Designed.....    <u>SEP 2002</u></p> <p>            (d)    Date Design Complete.....    <u>DEC 2002</u></p> <p>            (e)    Parametric Cost Estimating Used to Develop Costs    <u>YES</u></p> <p>            (f)    Type of Design Contract:    Design-build</p> <p>            (g)    An energy study and life cycle cost analysis will be documented during the final design.</p> <p>        (2)    Basis:</p> <p>            (a)    Standard or Definitive Design:    YES</p> <p>            (b)    Where Most Recently Used:                     Fort Leonard Wood</p>		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Jackson, South Carolina

4. PROJECT TITLE Basic Combat Training Complex, Ph I	5. PROJECT NUMBER 51935
---	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	<u>572</u>
(b) All Other Design Costs.....	<u>364</u>
(c) Total Design Cost.....	<u>936</u>
(d) Contract.....	<u>598</u>
(e) In-house.....	<u>338</u>
(4) Construction Contract Award.....	<u>JUL 2002</u>
(5) Construction Start.....	<u>DEC 2002</u>
(6) Construction Completion.....	<u>DEC 2004</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
---	--	--	-------------------------------

NA

Installation Engineer: Franklin D. Cooper Jr.  
Phone Number: 803-751-5641

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Texas	Fort Hood (FORSCOM)				343
19699	Vehicle Maintenance Facility	12,200	12,200	C	345
22993	Vehicle Maintenance Facility	23,000	23,000	C	348
37102	Command and Control Facility, Phase 2	10,000	10,000	C	352
54058	Multi-purpose Digital Training Range Ph II	3,000	13,000	C	355
54459	Barracks Complex - 21003 Block	41,000	41,000	C	359
	Subtotal Fort Hood PART I	\$ 89,200	99,200		
	Fort Sam Houston (MEDCOM)				363
17154	General Instruction Building	2,250	2,250	C	365
	Subtotal Fort Sam Houston PART I	\$ 2,250	2,250		
	* TOTAL MCA FOR Texas	\$ 91,450	101,450		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001																																										
3. INSTALLATION AND LOCATION  Fort Hood Texas	4. COMMAND  US Army Forces Command	5. AREA CONSTRUCTION COST INDEX  0.86																																										
<p>6. PERSONNEL STRENGTH:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">PERMANENT</th> <th colspan="3">STUDENTS</th> <th colspan="3">SUPPORTED</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> </tr> </thead> <tbody> <tr> <td>A. AS OF 30 SEP 2000</td> <td>4656</td> <td>36895</td> <td>3108</td> <td>0</td> <td>358</td> <td>0</td> <td>71</td> <td>307</td> <td>2819</td> <td>48,214</td> </tr> <tr> <td>B. END FY 2006</td> <td>4790</td> <td>36445</td> <td>2877</td> <td>3</td> <td>555</td> <td>0</td> <td>71</td> <td>307</td> <td>2819</td> <td>47,867</td> </tr> </tbody> </table>				PERMANENT			STUDENTS			SUPPORTED			TOTAL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	A. AS OF 30 SEP 2000	4656	36895	3108	0	358	0	71	307	2819	48,214	B. END FY 2006	4790	36445	2877	3	555	0	71	307	2819	47,867
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<p>8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CATEGORY</th> <th style="text-align: left;">PROJECT</th> <th style="text-align: left;">PROJECT TITLE</th> <th style="text-align: right;">COST (\$000)</th> <th style="text-align: left;">DESIGN START</th> <th style="text-align: left;">STATUS COMPLETE</th> </tr> </thead> <tbody> <tr> <td>214</td> <td>19699</td> <td>Vehicle Maintenance Facility</td> <td style="text-align: right;">12,200</td> <td>07/2001</td> <td>12/2002</td> </tr> <tr> <td>214</td> <td>22993</td> <td>Vehicle Maintenance Facility</td> <td style="text-align: right;">23,000</td> <td>07/2001</td> <td>12/2002</td> </tr> <tr> <td>141</td> <td>37102</td> <td>Command and Control Facility, Phase 2</td> <td style="text-align: right;">10,000</td> <td>10/2000</td> <td>05/2002</td> </tr> <tr> <td>178</td> <td>54058</td> <td>Multi-purpose Digital Training Range Ph II</td> <td style="text-align: right;">13,000</td> <td>05/1999</td> <td>08/2001</td> </tr> <tr> <td>721</td> <td>54459</td> <td>Barracks Complex - 21003 Block</td> <td style="text-align: right;">41,000</td> <td>08/2000</td> <td>09/2001</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right;">99,200</td> <td></td> <td></td> </tr> </tbody> </table>			CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN START	STATUS COMPLETE	214	19699	Vehicle Maintenance Facility	12,200	07/2001	12/2002	214	22993	Vehicle Maintenance Facility	23,000	07/2001	12/2002	141	37102	Command and Control Facility, Phase 2	10,000	10/2000	05/2002	178	54058	Multi-purpose Digital Training Range Ph II	13,000	05/1999	08/2001	721	54459	Barracks Complex - 21003 Block	41,000	08/2000	09/2001	TOTAL			99,200		
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TOTAL			99,200																																									
<p>9. FUTURE PROJECT APPROPRIATIONS:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CATEGORY</th> <th style="text-align: left;">PROJECT TITLE</th> <th style="text-align: right;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="3">A. INCLUDED IN THE FY 2003 PROGRAM:</td> </tr> <tr> <td>721</td> <td>Barracks Complex - Clear Creek Road</td> <td style="text-align: right;">40,000</td> </tr> <tr> <td colspan="2" style="text-align: right;">TOTAL</td> <td style="text-align: right;">40,000</td> </tr> <tr> <td colspan="3">B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE</td> </tr> </tbody> </table>			CATEGORY	PROJECT TITLE	COST (\$000)	A. INCLUDED IN THE FY 2003 PROGRAM:			721	Barracks Complex - Clear Creek Road	40,000	TOTAL		40,000	B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																													
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B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE																																												
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>Support and training of III Corps Headquarters and organizations assigned to III Corps, including 1st CAV Division. Ensure the most efficient utilization of resources to operate Fort Hood and accomplish all assigned missions. Ensure Fort Hood is prepared for mobilization.</p>																																												



1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Hood Texas				4.PROJECT TITLE Vehicle Maintenance Facility		
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 214	7.PROJECT NUMBER 19699		8.PROJECT COST (\$000) Auth                    12,200 Approp                 12,200	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,537
Vehicle Maintenance Shop, Org		m2 (SF)	5,142 (	55,343)	1,140	(5,862)
Hardstand		m2 (SY)	33,027 (	39,500)	66.35	(2,191)
Oil/Water Separators		LS	--	--	--	(21)
Waste Oil/Anti-Freez		LS	--	--	--	(16)
Lubricant Storage Facility		m2 (SF)	54.81 (	590)	823.04	(45)
Total from Continuation page						(402)
<u>SUPPORTING FACILITIES</u>						2,022
Electric Service		LS	--	--	--	(274)
Water, Sewer, Gas		LS	--	--	--	(106)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(333)
Storm Drainage		LS	--	--	--	(402)
Site Imp( 482) Demo( 15)		LS	--	--	--	(497)
Information Systems		LS	--	--	--	(214)
Traffic Signal		LS	--	--	--	(196)
ESTIMATED CONTRACT COST						10,559
CONTINGENCY PERCENT (5.00%)						<u>528</u>
SUBTOTAL						11,087
SUPV, INSP & OVERHEAD (5.70%)						632
DESIGN/BUILD - DESIGN COST						<u>443</u>
TOTAL REQUEST						12,162
TOTAL REQUEST (ROUNDED)						12,200
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a direct support(DS) maintenance facility to include vehicle maintenance shops, scheduled maintenance bays, storage areas, and hardstand. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; security fencing with clear zone and gates; security lighting; traffic signal; parking and access drives; storm drainage; information systems; and site improvements. Heating will be provided by infrared unit heaters in maintenance bays, and self-contained gas-fired units. Air conditioning (15 tons) will be provided by self-contained units for administration and special environmental areas. Special foundations required by expansive soils found at Fort Hood. Anti-Terrorism/Force Protection measures include laminated glass, harding the doors and traffic control barriers. Access for the handicapped will be provided.						
11. REQ:                    227,667 m2    ADQT:                    160,432 m2    SUBSTD:                    NONE						
PROJECT: Construct a standard-design direct support maintenance facility. (Current Mission)						
REQUIREMENT: This project is required to provide adequate maintenance facilities for the 13th Corps Support Command.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Vehicle Maintenance Facility	5. PROJECT NUMBER  19699
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(8)
Special Foundations	LS	--	--	(305)
Building Information Systems	LS	--	--	(89)
			Total	402

CURRENT SITUATION: Existing permanent tactical equipment shop buildings constitute about half of the total requirements for tactical equipment shop space at Fort Hood. Consequently, permanent tactical equipment shops, designed to accommodate only one tactical unit, are double occupied. Adequate space, installed equipment such as overhead cranes, and the dimensions to accommodate modern vehicles are lacking or deficient. These permanent assets are partially augmented by deteriorated World War II temporary facilities. These fall far short of current standards for health, safety, environmental compliance, structural soundness, and functional adequacy. No other facilities exist at Fort Hood to satisfy this requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Hood units will be forced to continue double occupancy of existing permanent facilities, that are already undersized by current standards. These facilities cannot accommodate modern tactical equipment. These conditions result in excessive down time, impair the effective employment of skilled personnel, and adversely affect mission training and deployment readiness capabilities.

ADDITIONAL: This project has been coordinated with the installation Anti-terrorism/Force Protection (AT/FP) plan and all physical security measures are included. Also, all required antiterrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUL 2001
- (b) Percent Complete As Of January 2001..... .00
- (c) Date 35% Designed..... SEP 2002

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
------------------------	---	---------------------------

3.INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4.PROJECT TITLE  Vehicle Maintenance Facility	5.PROJECT NUMBER  19699
---	-------------------------------

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (d) Date Design Complete..... DEC 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build
  - (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
- (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Fort Hood
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 255
  - (b) All Other Design Costs..... 163
  - (c) Total Design Cost..... 418
  - (d) Contract..... 267
  - (e) In-house..... 151
- (4) Construction Contract Award..... JUL 2002
- (5) Construction Start..... DEC 2002
- (6) Construction Completion..... JUN 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: COL Michael W. Pratt  
Phone Number: (254) 287-5707

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Fort Hood Texas				4. PROJECT TITLE Vehicle Maintenance Facility		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 214	7. PROJECT NUMBER 22993		8. PROJECT COST (\$000) Auth                    23,000 Approp                23,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,900
Vehicle Maintenance Shop, Org		m2 (SF)	7,180 ( 77,284)		1,123	(8,065)
Hardstand		m2 (SY)	58,529 ( 70,000)		66.87	(3,914)
Deployment Equip Stg Bldg		m2 (SF)	520.26 ( 5,600)		542.71	(282)
Oil Storage Bldg		m2 (SF)	89.19 ( 960)		808.34	(72)
Motor Pool Dispatch Bldg		m2 (SF)	14.86 ( 160)		837.01	(12)
Total from Continuation page						(2,555)
<u>SUPPORTING FACILITIES</u>						4,794
Electric Service		LS	--		--	(638)
Water, Sewer, Gas		LS	--		--	(140)
Paving, Walks, Curbs & Gutters		LS	--		--	(2,093)
Storm Drainage		LS	--		--	(865)
Site Imp( 932) Demo( )		LS	--		--	(932)
Information Systems		LS	--		--	(126)
ESTIMATED CONTRACT COST						19,694
CONTINGENCY PERCENT (5.00%)						985
SUBTOTAL						20,679
SUPV, INSP & OVERHEAD (5.70%)						1,179
DESIGN/BUILD - DESIGN COST						827
TOTAL REQUEST						22,685
TOTAL REQUEST (ROUNDED)						23,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction      Construct a standard-design vehicle maintenance facility to include maintenance shop, storage areas, oil and paint storage buildings, scheduled maintenance facilities, sentry station, and hardstand. Install an intrusion detection system (IDS) for the arms room. Supporting facilities include utilities; electric service; fire protection and alarm system; security fencing and lighting; paving, walks, curbs and gutters; storm drainage; access roads with clear zone and gates; information systems; and site improvements. Access drives and extensions included. Access for the handicapped will be provided. Heating will be provided by self-contained gas-fired units. Radiant heat will be provided in maintenance bay areas. Air conditioning (administration space and special environmental areas) will be provided by self-contained unit ( 100 tons). Special foundation work is required due to expansive soils. Anti-terrorism/Force Protection measures include laminated glass, harding of the doors, and traffic control barriers.						
11. REQ:		227,667 m2	ADQT:		160,432 m2	SUBSTD:            NONE
PROJECT: Construct a standard-design vehicle maintenance shop and supporting facilities. (Current Mission)						

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4.PROJECT TITLE  Vehicle Maintenance Facility	5.PROJECT NUMBER  22993
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Roadways	m2 (SY)	12,542 ( 15,000)	35.87	(450)
Special Foundations	LS	--	--	(1,836)
Oil/Water Seperator	EA	2 --	67,293	(135)
Waste Oil/ Anti-Freez	EA	1 --	17,600	(18)
IDS Installation	EA	2 --	2,582	(5)
Antiterrorism Force Protection	LS	--	--	(48)
Building Information Systems	LS	--	--	(63)
			Total	2,555

REQUIREMENT: This project is required to provide adequate maintenance facilities to support the 4th Infantry Division at Fort Hood. At present, one vehicle maintenance shop must support the entire Engineer Brigade requirements.

CURRENT SITUATION: Existing permanent tactical equipment shop buildings constitute about half of the total requirements for tactical equipment shop space at Fort Hood. Consequently, existing permanent shops, designed to accommodate only one tactical unit, are occupied by two or more units. For example, at present, one shop must support the maintenance and repair requirements of an entire Engineer Brigade. Adequate space, installed equipment such as overhead cranes, and the dimensions required to accommodate modern vehicles are lacking or deficient. These permanent assets are partially augmented by deteriorated World War II temporary facilities. These fall far short of current standards for health, safety, structural soundness, environmental compliance, and functional adequacy. No other facilities exist at Fort Hood to satisfy this requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, the unit will be forced to continue using already crowded maintenance facilities. Without adequate maintenance facilities, crowded conditions will continue to impair operational effectiveness and safety, reduce troop morale, and adversely affect mission accomplishment and the deployment readiness of Fort Hood.

ADDITIONAL: This project has been coordinated with the installation Anti-terrorism/Force Protection (AT/FP) plan and all physical security measures are included. Also, all required antiterrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirements. Sustainable principles will be integrated into the development, design, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Vehicle Maintenance Facility	5. PROJECT NUMBER  22993
--	--------------------------------

ADDITIONAL: (CONTINUED)  
Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JUL 2001
  - (b) Percent Complete As Of January 2001..... .00
  - (c) Date 35% Designed..... SEP 2002
  - (d) Date Design Complete..... DEC 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build
  - (g) An energy study and life cycle cost analysis will be documented during the final design.
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 506
  - (b) All Other Design Costs..... 322
  - (c) Total Design Cost..... 828
  - (d) Contract..... 529
  - (e) In-house..... 299
  
- (4) Construction Contract Award..... JUL 2002
- (5) Construction Start..... DEC 2002
- (6) Construction Completion..... DEC 2004

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001								
3.INSTALLATION AND LOCATION  Fort Hood, Texas										
4.PROJECT TITLE  Vehicle Maintenance Facility	5.PROJECT NUMBER  22993									
<p>12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th><u>Equipment</u> <u>Nomenclature</u></th> <th><u>Procuring</u> <u>Appropriation</u></th> <th><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4">NA</td> </tr> </tbody> </table> <p style="text-align: right;">Installation Engineer: COL Michael W. Pratt Phone Number: (254) 287-5707</p>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	NA			
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
NA										

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Hood Texas	4. PROJECT TITLE Command and Control Facility, Phase 2
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5. PROGRAM ELEMENT 88911A	6. CATEGORY CODE 141	7. PROJECT NUMBER 37102	8. PROJECT COST (\$000) Auth 10,000 Approp 10,000
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				7,874
Brigade Headquarters Building	m2 (SF)	1,898 ( 20,430)	1,227	(2,329)
Company Operations Facilities	m2 (SF)	2,775 ( 29,870)	1,227	(3,405)
IDS Installation	LS	--	--	(25)
Organizational Classroom	m2 (SF)	908.59 ( 9,780)	1,099	(998)
Special Foundations Piers	m (LF)	3,048 ( 10,000)	150.92	(460)
Total from Continuation page				(657)
<b>SUPPORTING FACILITIES</b>				1,182
Electric Service	LS	--	--	(172)
Water, Sewer, Gas	LS	--	--	(482)
Paving, Walks, Curbs & Gutters	LS	--	--	(162)
Storm Drainage	LS	--	--	(48)
Site Imp( 159) Demo( )	LS	--	--	(159)
Information Systems	LS	--	--	(159)
ESTIMATED CONTRACT COST				9,056
CONTINGENCY PERCENT (5.00%)				453
SUBTOTAL				9,509
SUPV, INSP & OVERHEAD (5.70%)				542
TOTAL REQUEST				10,051
TOTAL REQUEST (ROUNDED)				10,000
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct two standard-design brigade headquarters buildings, two classrooms, and a standard-design company operations facility for five small companies. Supporting facilities include utilities; electric service; exterior lighting; paving, walks, curbs and gutters; parking; fire protection and alarm systems; storm drainage; information systems; and site improvements. Access for handicapped will be provided where required. Heating will be provided by gas-fired self-contained systems. Air conditioning (165 tons) will be provided by self-contained systems. Installation of intrusion detection systems (IDS) is included. Special foundations required by expansive soil.

11. REQ: 255,967 m2 ADQT: 135,789 m2 SUBSTD: 21,827 m2  
PROJECT: Construct standard-design command and control facilities. (Current Mission)  
REQUIREMENT: Existing brigade and battalion command and control facilities constitute approximately 44 percent of the square footage required for these categories in the current two-division configuration for Fort Hood. Similar shortfalls exist with company operations facilities. Construction will enable the installation to provide a significant amount of the required balance of these facilities. Maximum utilization of both existing and proposed assets

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE

Command and Control Facility, Phase 2

5. PROJECT NUMBER

37102

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Force Protection	LS	--	--	(86)
Building Information Systems	LS	--	--	(571)
			Total	657

REQUIREMENT: (CONTINUED)

will still be required.

CURRENT SITUATION: Existing shortfalls of brigade, battalion, and company level command and control facilities are partially augmented by the use of temporary World War II vintage buildings and diverted barracks space. The temporary facilities are deteriorated and lack the most minimal amenities such as adequate power, lighting, heating, and air-conditioning. The use of diverted barracks space is also inefficient in facilitating these requirements. They lack the same amenities as temporary buildings with little flexibility to provide the modern office space, classrooms and training areas, and supply and storage required. Many of the existing permanent battalion headquarters are small and were constructed in the mid-50s and 60s. Additional command and control space has been obtained by converting older dining facilities. No other facilities are available to support these requirements.

IMPACT IF NOT PROVIDED: If this project is not provided, units will continue to occupy inadequate administrative facilities. Units will be required to double occupy permanent and deteriorated temporary facilities. Sensitive equipment and arms storage problems such as doubling up will persist. Use of inadequate facilities will cause major disruptions to command, control, and operations of each unit, greatly reducing mission capability and readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Hood, Texas

4. PROJECT TITLE Command and Control Facility, Phase 2	5. PROJECT NUMBER 37102
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... OCT 2000
  - (b) Percent Complete As Of January 2001..... 15.00
  - (c) Date 35% Designed..... FEB 2002
  - (d) Date Design Complete..... MAY 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
  - (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 260
- (b) All Other Design Costs..... 40
- (c) Total Design Cost..... 300
- (d) Contract..... 40
- (e) In-house..... 260

(4) Construction Contract Award..... DEC 2001

(5) Construction Start..... MAY 2002

(6) Construction Completion..... JAN 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested (\$000)</u>

NA

Installation Engineer: COL Michael W. Pratt  
Phone Number: 254 287-5707

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Hood Texas			4.PROJECT TITLE Multi-purpose Digital Training Range Ph II			
5.PROGRAM ELEMENT  22696A		6.CATEGORY CODE  178	7.PROJECT NUMBER  54058		8.PROJECT COST (\$000) Auth                    3,000 Approp                 13,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						17,740
Central Control Building		m2 (SF)	200 ( 2,153)		1,700	(340)
Central Maintenance Facility		m2 (SF)	200 ( 2,153)		1,053	(211)
General Instruction Building (2		m2 (SF)	149 ( 1,604)		1,031	(154)
Field Service Latrines (2 Each)		m2 (SF)	44 ( 473.61)		2,811	(124)
After Action Review Building		m2 (SF)	279 ( 3,003)		1,110	(310)
Total from Continuation page						(16,601)
<u>SUPPORTING FACILITIES</u>						8,030
Electric Service		LS	--		--	(838)
Paving, Walks, Curbs & Gutters		LS	--		--	(236)
Storm Drainage		LS	--		--	(165)
Site Imp( 6,099) Demo(            )		LS	--		--	(6,099)
Information Systems		LS	--		--	(165)
Ordnance Removal		LS	--		--	(527)
ESTIMATED CONTRACT COST						25,770
CONTINGENCY PERCENT (5.00%)						<u>1,289</u>
SUBTOTAL						27,059
SUPV, INSP & OVERHEAD (5.70%)						<u>1,542</u>
TOTAL REQUEST						28,601
TOTAL REQUEST (ROUNDED)						28,601
INSTALLED EQT-OTHER APPROP						(9,791)
10.Description of Proposed Construction      This project was authorized at \$26 million in FY 2001 and received an appropriation for \$16 million. This phase will complete the project. Modernize and configure two existing multi-use ranges, Clabber Creek and Jack Mountain, to support modernization to a digital force. The new range will contain 28 moving infantry targets, 210 stationary infantry targets, 12 evasive capable armor moving targets, 140 stationary armor targets, single point controller capable of interfacing with Force XXI Battle Command Brigade and Below (FBCB2) and all priority one systems, eight turret down defilade positions, 32 hull down defilade positions. Other range requirements include breach sites, infantry trenches and machinegun bunkers. Primary facilities are located inside the perimeter of the range complex and consist of central control building, central after action review (AAR) building, central maintenance building, latrines, classrooms, helipad, improved Heavy Equipment Transport Truck (HETT) site, bore sight line, tow field, screen line, tactical vehicle staging and parking area, range flagpole, storm drainage, tank trails, service roads, improved low water crossings, primary electric, secondary power and data distribution system, emulsified service roads with culverts, heated and illuminated limit markers, berms, synchronization pads and ramps, and site improvements. Heating and air conditioning (15 tons) will be provided by a self-contained system in each						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION

Fort Hood, Texas

4. PROJECT TITLE

Multi-purpose Digital Training Range Ph II

5. PROJECT NUMBER

54058

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Machinegun Bunkers	EA	4 --	4,590	(18)
Defensive Trenches	m (LF)	92 ( 301.84)	2,342	(215)
Helipad	m2 (SF)	1,572 ( 16,921)	96.52	(152)
Screen & Boresight Lane Pad	m2 (SF)	600 ( 6,458)	66.49	(40)
Misfire Pit	EA	2 --	3,876	(8)
Obstacle Breach Site	EA	4 --	2,040	(8)
Stationary Armor Target Emplace	EA	140 --	12,237	(1,713)
Infantry Moving Target Emplacem	EA	28 --	27,481	(769)
Armor Moving Target Emplacement	EA	12 --	309,351	(3,712)
Stationary Infantry Target Empl	EA	210 --	1,227	(258)
Hull Down Defilade	EA	32 --	30,599	(979)
Turrent Down Defilade	EA	8 --	66,297	(530)
Plumb & Synchronize Station	EA	2 --	23,459	(47)
Targetry power	m (LF)	33,040 ( 108,399)	75.07	(2,480)
Power Center	EA	22 --	12,349	(272)
Data Cabling	m (LF)	40,203 ( 131,900)	33.99	(1,367)
Camera Tower	EA	5 --	5,156	(26)
Trails, Roads & Parking	m3 (CY)	80,000 ( 104,636)	37.79	(3,023)
Concrete Turning Pads, 120 Ea.	m3 (CY)	6,000 ( 7,848)	159.79	(959)
Building Information Systems	LS	--	--	(25)
			Total	16,601

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

building. Supporting facilities include electrical distribution, fiber optic communications, copper twisted pair phone lines, security fencing, and site improvements. Unexploded ordnance surface clearing will be done by Fort Hood Explosive Ordnance Personnel while sub-surface clearing during construction will be done by the construction contractor. Targetry, AAR Equipment, training data collection, digital range C3 enhancement and single point controller will be funded by other procurement, Army (OPA).

11. REQ: 10 EA ADQT: NONE SUBSTD: 14 EA

PROJECT: Construct a Digital Multi-Purpose Range Complex. (Current Mission)

REQUIREMENT: Provide digitally enhanced combat platforms with all the constituent elements featured in Force XXI (digital) warfighting operations. The range will extend the breadth and depth of crew through Platoon live fire engagements against a wide variety of targetry. The range is required to safely, but effectively, control lethal fires from diverse combat platforms without intrusion into unit command integrity. The range is required to create a realistic digital environment; synthetically generating all the situational

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Hood, Texas		
4.PROJECT TITLE  Multi-purpose Digital Training Range Ph II	5.PROJECT NUMBER  54058	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>awareness and relevant common picture data for the unit's battlespace. The DMPRC must facilitate the simultaneous employment of all close combat and supporting systems contained in the emerging digital force. Moreover, the downrange area of the DMPRC must allow for the safe, simultaneous engagement by both direct and indirect fire systems in a footprint that is tactically realistic. DMPRC must accommodate the full range of target practice and service munitions.</p> <p><u>CURRENT SITUATION:</u>    Current range facilities cannot support current and future standard live-fire training requirements for the M1 series tank or the M2/M3 Bradley Fighting Vehicle. The current ranges do not support the advanced weapons and command and control systems being fielded by the Digitized Force. Existing ranges are not capable of processing digital information, nor do they possess the systems to provide digital situational feedback to firing vehicles and units or receive digital reports. Present targetry, although current state-of-the-art technology, will not interact with either the firing element or the Range Operations Center Command and Control System. Additionally, the dimensions of present Fort Hood Live-fire complexes do not allow for the increased vehicle dispersion and longer weapons effective ranges for digital units.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, there will be a continuation of major training shortfalls for the Active Army, Army Reserve, and National Guard units training at Fort Hood. The mounted force cannot step forward to meet the realities of current and future deployments without a training facility aligned to readiness for this mission. Support of armor, combined arms training strategy (CATS), regional training center (RTC), and readiness of the armor force will be severely impaired.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, no anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Multi-purpose Digital Training Range Ph II	5. PROJECT NUMBER  54058
--	--------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAY 1999
  - (b) Percent Complete As Of January 2001..... 35.00
  - (c) Date 35% Designed..... NOV 2000
  - (d) Date Design Complete..... AUG 2001
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 1,400
  - (b) All Other Design Costs..... 840
  - (c) Total Design Cost..... 2,240
  - (d) Contract..... 1,680
  - (e) In-house..... 560
  
- (4) Construction Contract Award..... SEP 2001
  
- (5) Construction Start..... OCT 2001
  
- (6) Construction Completion..... APR 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Next GEN Army TGTY (NGAT)	OPA	2001	9,507
Info Sys - ISC	OPA	2002	284
		TOTAL	<u>9,791</u>

Installation Engineer: COL Michael W. Pratt  
Phone Number: 254 287-5707

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Fort Hood Texas			4. PROJECT TITLE Barracks Complex - 21003 Block			
5. PROGRAM ELEMENT 22696A		6. CATEGORY CODE 721	7. PROJECT NUMBER 54459		8. PROJECT COST (\$000) Auth                    41,000 Approp                 41,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						33,264
Barracks		m2 (SF)	15,831 ( 170,403)		1,268	(20,074)
Company Operations Facilities		m2 (SF)	2,775 ( 29,870)		1,231	(3,416)
Soldier Community Building		m2 (SF)	1,612 ( 17,351)		1,268	(2,044)
Dining Facility		m2 (SF)	2,560 ( 27,556)		2,036	(5,212)
Special Foundations		LS	--		--	(611)
Total from Continuation page						(1,907)
<u>SUPPORTING FACILITIES</u>						4,076
Electric Service		LS	--		--	(285)
Water, Sewer, Gas		LS	--		--	(393)
Steam And/Or Chilled Water Dist		LS	--		--	(979)
Paving, Walks, Curbs & Gutters		LS	--		--	(943)
Storm Drainage		LS	--		--	(316)
Site Imp( 581) Demo( )		LS	--		--	(581)
Information Systems		LS	--		--	(124)
Antiterrorism/Force Protection		LS	--		--	(455)
ESTIMATED CONTRACT COST						37,340
CONTINGENCY PERCENT (5.00%)						<u>1,867</u>
SUBTOTAL						39,207
SUPV, INSP & OVERHEAD (5.70%)						<u>2,235</u>
TOTAL REQUEST						41,442
TOTAL REQUEST (ROUNDED)						41,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction      Construct a new barracks complex. Project includes a 480 person soldier community building (SCB); an 800 person consolidated dining facility; five small company operation facilities (COF). Install intrusion detection systems (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Air conditioning (740 tons) will be provided by an air conditioning plant and chilled water distribution. The AT/FP includes laminated glass, hardening doors and walls. Special foundation work is required due to expansive soils found at Fort Hood. Comprehensive interior design is required.						
11. REQ:                    13,326 PN    ADQT:                    10,530 PN    SUBSTD:                    2,796 PN						
PROJECT: Construct a new barracks complex to meet the Whole Barracks Renewal Program Standard. (Current Mission)						
REQUIREMENT: This project is required to continue modernizing existing barracks to provide adequate housing for a total (intended utilization) of 444 enlisted personnel (408 E1-E4 and 36 E5-E6). Maximum utilization for the barracks is 480 personnel. This project will provide a greatly improved quality-of-life environment for today's enlisted soldier.						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Barracks Complex - 21003 Block	5. PROJECT NUMBER  54459
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Air Conditioning Plant	kWr(TN)	2,603 ( 740.12)	364.23	(948)
IDS Installation	LS	--	--	(30)
Antiterrorism Force Protection	LS	--	--	(248)
Building Information Systems	LS	--	--	(681)
			Total	1,907

CURRENT SITUATION: There are 100 permanent barracks buildings on Fort Hood. These barracks were constructed in FY 1971 as troop billets and are now substandard. They include multiple person rooms and gang latrines with rapidly deteriorating mechanical, electrical and plumbing systems. The air conditioning system is inefficient and requires frequent repairs. The hot water system is unable to meet the demand at peak use times. This building is presently utilized at 504 spaces. The existing building will be diverted to other use when this project is completed.

IMPACT IF NOT PROVIDED: If this project is not provided, outdated, inefficient utilities will continue to deteriorate. Current routine maintenance will not meet the heavy demands and major system failures will occur. Man hours expended for backlog maintenance and repair will continue to increase. Quality-of-life program goals for enlisted soldiers cannot be met without this barracks rebuild project. Also, shortfalls of company operations and supply requirements will continue to be met with diverted barracks space, resulting in inefficient administrative and storage capabilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE

CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$4.3M has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Hood. Upon completion of this multi-phased project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is 2,316 personnel at this installation at

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
------------------------	---	---------------------------

3.INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4.PROJECT TITLE  Barracks Complex - 21003 Block	5.PROJECT NUMBER  54459
---	-------------------------------

ADDITIONAL: (CONTINUED)  
maximum utilization.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... AUG 2000
    - (b) Percent Complete As Of January 2001..... 30.00
    - (c) Date 35% Designed..... JAN 2001
    - (d) Date Design Complete..... SEP 2001
    - (e) Parametric Cost Estimating Used to Develop Costs YES
    - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Fort Hood

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 2,000
  - (b) All Other Design Costs..... 160
  - (c) Total Design Cost..... 2,160
  - (d) Contract..... 170
  - (e) In-house..... 1,990

- (4) Construction Contract Award..... DEC 2001
- (5) Construction Start..... JAN 2002
- (6) Construction Completion..... APR 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>
	NA		

Installation Engineer: COL Michael W. Pratt  
Phone Number: 817 287-5707

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001																																								
3. INSTALLATION AND LOCATION  Fort Sam Houston Texas	4. COMMAND  US Army Forces Command	5. AREA CONSTRUCTION COST INDEX  0.82																																								
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">6. PERSONNEL STRENGTH:</td> <td style="width:15%;">PERMANENT</td> <td colspan="3" style="width:20%;">STUDENTS</td> <td colspan="3" style="width:20%;">SUPPORTED</td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td>OFFICER ENLIST CIVIL</td> <td>TOTAL</td> <td></td> <td></td> </tr> <tr> <td>A. AS OF 30 SEP 2000</td> <td>2080 5129 3479</td> <td>796 3749 35</td> <td>131 232 3410</td> <td>19,041</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>B. END FY 2006</td> <td>2185 5161 3285</td> <td>756 4725 31</td> <td>130 236 3410</td> <td>19,919</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>			6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS			SUPPORTED						OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL			A. AS OF 30 SEP 2000	2080 5129 3479	796 3749 35	131 232 3410	19,041						B. END FY 2006	2185 5161 3285	756 4725 31	130 236 3410	19,919					
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<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>Command and control Fort Sam Houston, its sub-installations and assigned or attached FORSCOM units or activities; provide support to activities within its geographical support area. Major activities on Fort Sam Houston include: HQ, Fifth US Army; HQ, US Army Medical Command; AMEDD Center and School; Brooke Army Medical Center; and HQ 5th Recruiting Brigade. Camp Bullis sub- installation, in addition to its function as a reserve component training site, serves as a range and maneuver training area for active component AMEDD Center and School, Fort Sam Houston; 3287th Technical Squadron, Lackland AFB; and numerous units from Fort Hood.</p>																																										

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001								
INSTALLATION AND LOCATION: Fort Sam Houston Texas										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$365,353, based on the Installation Status Report Information on conditions as of October 2000.</p>										

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Sam Houston Texas			4.PROJECT TITLE General Instruction Building			
5.PROGRAM ELEMENT 87796A		6.CATEGORY CODE 171	7.PROJECT NUMBER 17154		8.PROJECT COST (\$000) Auth                    2,250 Approp                 2,250	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
General Instruction Building		m2 (SF)	929.03 ( 10,000)		1,345	1,418 (1,250)
Building Information systems		LS	--		--	(168)
<u>SUPPORTING FACILITIES</u>						523
Electric Service		LS	--		--	(92)
Water, Sewer, Gas		LS	--		--	(123)
Paving, Walks, Curbs & Gutters		LS	--		--	(164)
Storm Drainage		LS	--		--	(34)
Site Imp( 94) Demo( )		LS	--		--	(94)
Information Systems		LS	--		--	(16)
ESTIMATED CONTRACT COST						1,941
CONTINGENCY PERCENT (5.00%)						97
SUBTOTAL						2,038
SUPV, INSP & OVERHEAD (5.70%)						116
DESIGN/BUILD - DESIGN COST						82
TOTAL REQUEST						2,236
TOTAL REQUEST (ROUNDED)						2,250
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Construct a standard-design, general instruction building to include modular classrooms with operable walls, instructor preparation area, storage area, and latrines. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Anti-terrorism/Force Protection includes laminated glass and barriers. Access for the handicapped will be provided. Air conditioning: 75 tons.						
11. REQ:		929 m2	ADQT:	NONE	SUBSTD:	4,290 m2
PROJECT: Construct a general instruction building for soldiers and students training at Camp Bullis. (Current Mission)						
REQUIREMENT: This project is required to replace failing, temporary, wood and portable buildings used as general instruction buildings for soldiers training at Camp Bullis. There are 35,000 soldiers annually in training conducted at Camp Bullis by Army Medical Department Center and School (AMEDD C&S). The new facility is needed for classroom instruction to support field training and combat exercises. Field and classroom training includes combat casualty care courses for Army, Air Force, and Navy students. The new facility will also support active and reserve components from Texas and other states, as well as students in Reserve Officer Training Course (ROTC). Alternate						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Sam Houston, Texas		
4. PROJECT TITLE  General Instruction Building	5. PROJECT NUMBER  17154	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>methods of meeting this requirement have been explored. This project is the only feasible option to meet the requirement. This project is supported by the installation Capital Investment Strategy for general instruction buildings (Facility Category Code 17120).</p> <p><u>CURRENT SITUATION:</u> Classroom instruction at Camp Bullis takes place in substandard, temporary, wood or portable buildings. The wood buildings were built in 1930. Portable buildings (trailers) were manufactured in 1975. The buildings do not comply with National Fire Protection Agency Life Safety Code and Military Handbook 1008C. The structures are extremely combustible and have no sprinkler, fire alarm, or other fire protection system. The wood structures (Class 5, Combustible Building) are not acceptable for use on military installations. Some of the trailers do not have air conditioning. Most wood buildings and trailers have window air conditioners, which are inefficient and break down during peak use. When summer temperatures rise to over 105 degrees Fahrenheit and window air conditioners fail, buildings and trailers become heat stress hazards. In winter, buildings are difficult to heat because doors and windows are not airtight and also because of the loss of insulation. Buildings have little ventilation. Instructional facilities have damaged, missing, or sagging wood ceilings and insulation; walls, doors, and windows that are not watertight; leaking roof; and flooding and ponding water inside the building during and after heavy rains. Standing water inside buildings is a health hazard due to mold and insects. Deficiencies of existing old facilities include loose, exposed, electrical wiring that does not meet the National Electric Code; dim lighting or lack of lighting when old wiring short circuits; and lack of electrical capacity for improved lighting, audio-visual equipment, and computer instruction.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers at Camp Bullis, in support of their field training and combat exercises, will continue to utilize old classroom facilities that are not designed to current standards for fire protection, health and safety, effective learning environment, and use of computer technology in classroom instruction. The conditions in existing instructional facilities at Camp Bullis have the potential to adversely affect soldier health and safety. This would result in downtime for soldiers during field training or exercises; and loss of effectiveness of the overall training mission at Camp Bullis.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army</p>		



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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)				NEW/
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION
	-----	-----	-----	-----	PAGE
Virginia		Fort Belvoir (MDW)			371
	47011	Chapel	4,950	4,950	C 373
	52038	Operations Building	31,000	31,000	C 377
		Subtotal Fort Belvoir PART I	\$ 35,950	35,950	
		Fort Eustis (TRADOC)			383
	19983	Field Operations Facility	1,750	1,750	385
	21177	Main Pier	23,000	23,000	C 388
		Subtotal Fort Eustis PART I	\$ 24,750	24,750	
		Fort Lee (TRADOC)			391
	33075	Airborne Training Facility	17,500	17,500	C 393
	53677	Military Entrance Processing Station	6,400	6,400	C 396
		Subtotal Fort Lee PART I	\$ 23,900	23,900	
		* TOTAL MCA FOR Virginia	\$ 84,600	84,600	

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM				2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION  Fort Belvoir Virginia			4. COMMAND  US Army Military District of Washington			5. AREA CONSTRUCTION COST INDEX  0.95	
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 30 SEP 2000		1146	2335	4054	34	268	142
B. END FY 2006		1066	2236	3434	42	264	133
					506	609	8291
							TOTAL
							17,385
							16,651
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		3,501 ha		(8,650 AC)			
B. INVENTORY TOTAL AS OF 30 SEP 2000.....						1,860,882	
C. AUTHORIZATION NOT YET IN INVENTORY.....						16,057	
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....						35,950	
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....						0	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						0	
G. REMAINING DEFICIENCY.....						361,763	
H. GRAND TOTAL.....						2,274,652	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:							
CATEGORY PROJECT				COST		DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
730	47011	Chapel		4,950	06/2001	12/2002	
141	52038	Operations Building		31,000	04/2001	01/2003	
				TOTAL	35,950		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. INCLUDED IN THE FY 2003 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
10. MISSION OR MAJOR FUNCTIONS:							
Fort Belvoir is undergoing a transition from a "training" post to a "command and control" post. Formerly the home of the Engineer School, Fort Belvoir in the future will support a number of units, organizations, and activities moving from other locations within the National Capitol Region.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
				(\$000)			
A. AIR POLLUTION						0	
B. WATER POLLUTION						0	
C. OCCUPATIONAL SAFETY AND HEALTH						0	

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Belvoir Virginia		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$297,236, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Belvoir Virginia			4.PROJECT TITLE Chapel			
5.PROGRAM ELEMENT 22896A		6.CATEGORY CODE 730	7.PROJECT NUMBER 47011		8.PROJECT COST (\$000) Auth                    4,950 Approp                 4,950	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,309
Chapel		m2 (SF)	1,873 ( 20,159)		1,593	(2,984)
EMCS Connection		LS	--		--	(12)
Antiterrorism Force Protection		LS	--		--	(143)
Building Information Systems		LS	--		--	(170)
<u>SUPPORTING FACILITIES</u>						972
Electric Service		LS	--		--	(58)
Water, Sewer, Gas		LS	--		--	(66)
Paving, Walks, Curbs & Gutters		LS	--		--	(226)
Storm Drainage		LS	--		--	(80)
Site Imp( 237) Demo( 225)		LS	--		--	(462)
Information Systems		LS	--		--	(51)
Antiterrorism/Force Protection		LS	--		--	(29)
ESTIMATED CONTRACT COST						4,281
CONTINGENCY PERCENT (5.00%)						<u>214</u>
SUBTOTAL						4,495
SUPV, INSP & OVERHEAD (5.70%)						256
DESIGN/BUILD - DESIGN COST						<u>180</u>
TOTAL REQUEST						4,931
TOTAL REQUEST (ROUNDED)						4,950
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design Army chapel (600-seat capacity). Supporting facilities include utility connections; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; anti-terrorism/force protection measures, and site improvements. Access for the handicapped will be provided. Heating and air conditioning (130 tons) will be provided by self-contained systems. Demolition of four World War II (WWII) wood buildings (21,292 SF) will be accomplished under this project. Comprehensive interior design is required and will be provided.						
11. REQ:		3,458 m2	ADQT:	1,587 m2	SUBSTD:	938 m2
<u>PROJECT:</u> Construct a standard-design Army chapel (600 seat capacity). (Current Mission)						
<u>REQUIREMENT:</u> This project is required to provide a 600-seat chapel in order to consolidate numerous religious activities that are currently being conducted in WWII wood chapels. Fort Belvoir needs a new, consolidated chapel to completely fulfill its religious responsibilities to the Army family, including service members deployed to foreign lands while their families continue to reside at Fort Belvoir or in its area of responsibility.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Belvoir, Virginia		
4. PROJECT TITLE  Chapel	5. PROJECT NUMBER  47011	
<p><u>CURRENT SITUATION:</u> Fort Belvoir has five chapels, a religious education center and a family life center. Four of the chapels are wooden World War II (WWII) vintage constructed in 1941. One of the WWII wooden chapels, in the historical district, has been maintained and will be retained. The remaining three WWII wood chapels have antiquated heating systems, window air-conditioning units, and a deteriorating electrical system. These three chapels also have a failing foundation and rotting frames. Additionally, they lack classrooms, music rooms, social meeting rooms and adequate restrooms for male and female attendees. Collectively, the Fort Belvoir chapels conduct 12 religious events for various faiths and denominations each weekend. Eight of these events are Roman Catholic masses with an average attendance of 2,200+. Additionally, the Roman Catholic faith conducts the largest religious education program in the US Army with an average attendance of 800+ children. Due to lack of classrooms in the chapels, the Religious Education Program requires that classes be conducted in the Education Center. In addition to the weekend religious events, the chapels are in constant use during the week for other events, such as baptisms, weddings, bible studies, prayer meetings, choir practice and youth groups.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Belvoir will continue to conduct religious activities in deteriorated WWII wooden structures. The installation will not be able to consolidate numerous religious services and reduce the number of contract chaplains. The small seating area in the current facilities force installation to schedule two to eight services for the large denominations. This project will allow the installation to reduce the number of services, and reduce the contracted chaplains from six to one. This reduction will save the installation \$42,000 annually. Without this project the installation must expend dwindling maintenance dollars on failing wooden structures that will soon collapse due to age, and routine wear and tear. These structures are poorly insulated, and poorly ventilated. These structures have costly and poorly distributed heating and cooling systems. These WWII structures do not have handicapped access, bathrooms, conference areas, or classrooms. The structures are also ill-suited to handle the current religious educational and counseling missions. Most importantly, Fort Belvoir will be unable to provide total religious support to military family, to include the families of deployed service members. This will adversely impact the morale, unit cohesion, and mission accomplishment of the Armed Forces.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no physical security measures are required. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget</p>		



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Fort Belvoir, Virginia
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4. PROJECT TITLE  Chapel	5. PROJECT NUMBER  47011
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Debbie Haynes  
Phone Number: (703) 806-0070

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Belvoir Virginia				4.PROJECT TITLE Operations Building		
5.PROGRAM ELEMENT 88911A		6.CATEGORY CODE 141	7.PROJECT NUMBER 52038		8.PROJECT COST (\$000) Auth                    31,000 Approp                 31,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						22,939
Special Compartmented Info. Fac		m2 (SF)	5,792 (	62,345)	2,031	(11,762)
Mission Equip Maint/Preparation		m2 (SF)	938.13 (	10,098)	1,630	(1,530)
Arms & Ammo Room		m2 (SF)	75.53 (	813)	1,490	(113)
Administrative Facility, G.P.		m2 (SF)	1,237 (	13,317)	1,445	(1,788)
Specialized Training Facility		m2 (SF)	540.05 (	5,813)	1,204	(650)
Total from Continuation page						(7,096)
<u>SUPPORTING FACILITIES</u>						4,074
Electric Service		LS	--		--	(110)
Water, Sewer, Gas		LS	--		--	(120)
Paving, Walks, Curbs & Gutters		LS	--		--	(168)
Storm Drainage		LS	--		--	(53)
Site Imp( 403) Demo( 529)		LS	--		--	(932)
Information Systems		LS	--		--	(227)
Antiterrorism/Force Protection		LS	--		--	(2,464)
ESTIMATED CONTRACT COST						27,013
CONTINGENCY PERCENT (5.00%)						<u>1,351</u>
SUBTOTAL						28,364
SUPV, INSP & OVERHEAD (5.70%)						1,617
DESIGN/BUILD - DESIGN COST						<u>1,135</u>
TOTAL REQUEST						31,116
TOTAL REQUEST (ROUNDED)						31,000
INSTALLED EQT-OTHER APPROP						(2,012)
10.Description of Proposed Construction      Construct a multi-purpose sensitive compartmented information facility (SCIF) certified operations building with administrative area, mission equipment maintenance and preparation area, arms room, ammunition storage, warehouse, specialized training facility, mission specific training and development area, electronics maintenance shop, loading dock, intrusion detection system (IDS), and heating and air-conditioning (400 tons). Additional cost for site preparation and building foundation work is needed due to location and soil conditions. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; parking; security lighting and fencing; storm drainage; information systems; and site improvements. Anti-terrorism/Force Protection measures include upgraded construction requirements, laminated glass, improved perimeter fencing, passive vehicle barriers, etc. Demolish two existing buildings (105,450 SF). Access for the handicapped will be provided. Comprehensive interior design is required and will be provided.						
11. REQ:		11,063 m2	ADQT:		NONE	SUBSTD:                    9,458 m2
PROJECT: Construct a multi-story, multi-purpose sensitive compartmented information facility (SCIF)-certified operations building at Humphreys Engineer Center (HEC), Fort Belvoir, Virginia. (Current Mission)						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Belvoir, Virginia

4. PROJECT TITLE  Operations Building	5. PROJECT NUMBER  52038
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Training & Development Area	m2 (SF)	1,335 ( 14,375)	1,637	(2,186)
Electronic Maintenance Shop	m2 (SF)	233.09 ( 2,509)	1,239	(289)
Gen Purpose Warehouse, Highbay	m2 (SF)	911.19 ( 9,808)	987.59	(900)
Emergency Geenerator, 500 KVA	EA	2 --	120,316	(241)
IDS Installation	LS	--	--	(168)
Antiterrorism Force Protection	LS	--	--	(1,687)
Special Foundation	LS	--	--	(281)
Building Information Systems	LS	--	--	<u>(1,344)</u>
			Total	7,096

REQUIREMENT: This project provides a SCIF, training, and special purpose space for a Department of the Army (DA) organization that is currently occupying a substandard facility at Humphreys Engineer Center (HEC). This organization is responsible for identification and evaluation of newly developed foreign and civilian technical equipment and materials for possible military applications, and also provides specialized security support to selected DA-level projects. There are no available facilities, either on or off the installation, which can meet this requirement.

CURRENT SITUATION: The organization occupies a structure, built in 1976, which was designed as a laboratory and large wave tank basin for researching tidal effects. The facility is poorly configured to meet the operational requirements of the units occupying it. The laboratory space has been converted to accommodate some administrative elements, while 27 temporary trailers placed within the wave tank are used for a SCIF, a bathroom and related operational functions. Mezzanines and many small structures have also been built within the wave tank area in efforts to make the space fit unit needs. The building utilities were never intended to support the quantity of personnel, with associated communications and data processing systems, that is currently on hand. Electrical, mechanical, plumbing, and fire alarm systems have been modified so frequently over the years in attempts to meet unit requirements that troubleshooting and repair efforts are challenging, time-consuming, and costly. The building's roof and interior HVAC systems and ductwork, all well beyond their replacement life cycle, leak so much that there are wet and moldy ceiling tiles and puddles found throughout the entire building. The utilities backbone is outdated and overtaxed, leading to frequent breakdowns and annual increases in maintenance and repair funding. Beyond the obvious incompatibilities of the units fitting into an antiquated building of this configuration, the overriding concerns for a new building are the compelling health and safety problems affecting the occupants of the facility. The existing building was not constructed on piles, yet lies in a

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Belvoir, Virginia		
4.PROJECT TITLE  Operations Building	5.PROJECT NUMBER  52038	
<p><u>CURRENT SITUATION:</u>    (CONTINUED)</p> <p>very wet flood plain. The wave tank portion of the building is located several feet below ground, and as such, a large volume of ground water routinely seeps into the wave tank during normal rainfall/snowfall. The 27 trailers in the wave tank area are all climate conditioned with wall mounted heat pumps, which simply recirculate existing trailer and wave tank air back into the trailers. The result is extremely high levels of carbon dioxide in the trailers year-round. The situation is further compounded when the ground water seeps into the wave tank. The heat pumps then intake the humid evaporative air from the standing water, which contains fungi, molds, and insects. The trailer occupants are routinely treated for symptoms consistent with Sick Building Syndrome. Industrial hygienists have also stated that the conditions are ripe for Legionaire's Disease, due to black molds located under the heat pump intakes. Further compounding the problem are the trailer utilities that run on the floor of the wave tank. The electrical lines, conduit, and junction boxes are not designed for wet conditions. When rains are significant, water levels in the tank often reach the midpoint on the live junction boxes and conduit. Because the conduit and boxes are rusted after over 15 years of this type of flooding, the potential for a catastrophic electrical explosion is ever increasing. The results could potentially affect over 100 occupants who work in and around these trailers. The overall effect of the building's extremely poor conditions is degradation of the organization's ability to perform its missions, continued problems with antiquated, patchwork utility systems, and increasing health and safety risks due to systems not meeting current building and OSHA codes.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the organization must continue to occupy a facility that does not meet their operational requirements. The organization's operational SCIF will remain in temporary facilities that have reached the end of their useful life. The organization's operations will continue to be plagued by power outages, flooding, and inadequate space. The organization will spend an increasing amount of their operational budget to repair and maintain the aging building infrastructure, while attempting to update systems to comply with code requirements and reconfigure the building as funding permits. This piecemeal approach to solving the organization's facility problem has failed in the past, and will continue to adversely affect soldier morale and compromise organizational readiness.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. An economic analysis was prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the</p>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Belvoir, Virginia

4. PROJECT TITLE  Operations Building	5. PROJECT NUMBER  52038
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ADDITIONAL: (CONTINUED)

requirement. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operations considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2001
- (b) Percent Complete As Of January 2001..... .00
- (c) Date 35% Designed..... OCT 2002
- (d) Date Design Complete..... JAN 2003
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 682
- (b) All Other Design Costs..... 434
- (c) Total Design Cost..... 1,116
- (d) Contract..... 713
- (e) In-house..... 403

(4) Construction Contract Award..... AUG 2002

(5) Construction Start..... JAN 2003

(6) Construction Completion..... JAN 2005

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001																								
3.INSTALLATION AND LOCATION  Fort Belvoir, Virginia																										
4.PROJECT TITLE  Operations Building	5.PROJECT NUMBER  52038																									
<p>12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table border="0"> <thead> <tr> <th><u>Equipment</u> <u>Nomenclature</u></th> <th><u>Procuring</u> <u>Appropriation</u></th> <th><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Info Systems (ISC)</td> <td>OPA</td> <td>2004</td> <td>195</td> </tr> <tr> <td>Installed Equipment</td> <td>OPA</td> <td>2004</td> <td>659</td> </tr> <tr> <td>UPS and IDS</td> <td>OPA</td> <td>2004</td> <td>963</td> </tr> <tr> <td>Info Sys - ISC</td> <td>OPA</td> <td>2002</td> <td>195</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="border-top: 1px solid black;">2,012</td> </tr> </tbody> </table> <p style="text-align: center;">Installation Engineer: DEBBIE HAYNES, PROGRAMMER Phone Number: C/703-806-0070</p>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	Info Systems (ISC)	OPA	2004	195	Installed Equipment	OPA	2004	659	UPS and IDS	OPA	2004	963	Info Sys - ISC	OPA	2002	195	TOTAL			2,012
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>																							
Info Systems (ISC)	OPA	2004	195																							
Installed Equipment	OPA	2004	659																							
UPS and IDS	OPA	2004	963																							
Info Sys - ISC	OPA	2002	195																							
TOTAL			2,012																							

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Eustis Virginia			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  0.92	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	748	5098	1963	202	2596	21	37 646 1811 13,122
B. END FY 2006	723	5242	1956	185	2385	17	37 641 1803 12,989
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	3,330 ha		(8,228 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2000.....	1,270,655						
C. AUTHORIZATION NOT YET IN INVENTORY.....	100,561						
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....	24,750						
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....	0						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0						
G. REMAINING DEFICIENCY.....	56,500						
H. GRAND TOTAL.....	1,452,466						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
151	21177	Main Pier		23,000	01/2000	09/2001	
141	19983	Field Operations Facility		1,750	06/2001	12/2002	
TOTAL				24,750			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2003 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
10. MISSION OR MAJOR FUNCTIONS:							
The mission of the US Army Transportation Center is to provide organization and training of all types of aircraft maintenance and transportation units as well as to provide logistical support to the US Army Transportation and Air Logistics School, the US Army Training Support Center, The 7th Transportation Group, the Transportation Engineering Agency and numerous support activities.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
				(\$000)			
A. AIR POLLUTION				0			
B. WATER POLLUTION				0			
C. OCCUPATIONAL SAFETY AND HEALTH				0			

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Eustis Virginia		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$331,164,000, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Eustis Virginia			4.PROJECT TITLE Field Operations Facility			
5.PROGRAM ELEMENT 91520A		6.CATEGORY CODE 141	7.PROJECT NUMBER 19983		8.PROJECT COST (\$000) Auth                    1,750 Approp                 1,750	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,012
CIDC Field Operations Building		m2 (SF)	662.68 ( 7,133)		1,378	(913)
Antiterrorism Force Protection		LS	--		--	(29)
IDS Installation		LS	--		--	(8)
EMCS Connection		LS	--		--	(20)
Building Information Systems		LS	--		--	(42)
<u>SUPPORTING FACILITIES</u>						498
Electric Service		LS	--		--	(71)
Water, Sewer, Gas		LS	--		--	(46)
Paving, Walks, Curbs & Gutters		LS	--		--	(172)
Storm Drainage		LS	--		--	(18)
Site Imp( 138) Demo( )		LS	--		--	(138)
Information Systems		LS	--		--	(13)
Antiterrorism/Force Protection		LS	--		--	(40)
ESTIMATED CONTRACT COST						1,510
CONTINGENCY PERCENT (5.00%)						76
SUBTOTAL						1,586
SUPV, INSP & OVERHEAD (5.70%)						90
DESIGN/BUILD - DESIGN COST						63
TOTAL REQUEST						1,739
TOTAL REQUEST (ROUNDED)						1,750
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a modified standard-design Criminal Investigation Command (CIDC) Field Operations Building. Project includes administrative space, a polygraph suite, a secured evidence depository, suspect isolation areas, observation and interview areas with acoustic separation, photo identification and fingerprint room, property and supply storage and maintenance areas. Install an intrusion detection system (IDS). Connect to the energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service and underground electrical distribution; exterior lighting; fire protection and alarm systems; sanitary sewer and pumping station; paving, walks, curbs and gutters; parking and access roads; fencing; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be by natural gas and air conditioning (15 tons) will be provided by a self-contained system. Anti-Terrorism/Force Protection measures will include laminated glass, traffic control barriers, resisting framing structural systems, and reinforced exterior masonry walls.						
11. REQ:		663 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct a modified standard-design Criminal Investigation Command (CIDC) Field Operations Building. (Current Mission)						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Eustis, Virginia		
4. PROJECT TITLE  Field Operations Facility	5. PROJECT NUMBER  19983	
<p><u>REQUIREMENT:</u> This project is required to provide adequate operating facilities for a Resident Agency and a new Procurement Fraud Branch Office, both of which are criminal investigative field offices of the US Army Criminal Investigation Command. This organization requires a facility with special purpose space to perform its mission. Examples are a polygraph room and an evidence depository. In addition, space for nine non-tactical vehicles, support space for eleven High Mobility Multi-Purpose Wheeled Vehicles (HMMWV) and a repository for storage of other Modified Table of Organization and Equipment (MTOE) for a 26-person detachment is required, since the Resident Agency converted from a Table of Distribution and Allowances (TDA) to a Table of Organization and Equipment (TOE) combat support unit. Thirteen full-time personnel will occupy the facility.</p> <p><u>CURRENT SITUATION:</u> The present semi-permanent metal building, constructed in 1967, is too small for the present operations. The building is jointly occupied by the Resident Agency and the Equal Opportunity Office. It does not have a suspect waiting room or an interview/line-up room, and the evidence room is too small. Since the overall layout is not functional and efficient, it impedes operation. Obtaining testimony and maintaining confidentiality is difficult due to a suspect-victim-witness separation problem. The reliability and speed of the always sensitive polygraph examination is affected by the working environment: for example, temperature extremes and extraneous noise distractions impact test responses and interpretation. The facility is cold and drafty in the winter and hot in the summer. The existing lighting is inadequate.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the CIDC at Fort Eustis will continue to operate in inadequate facilities. Victim, witness and suspect processing will also continue to suffer. MTOE and storage space will continue to be inadequate. The failure to provide adequate facilities lowers both the morale and productivity of a small, overworked, specially-skilled force and is not encouraging to soldiers.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1.COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Eustis, Virginia

4.PROJECT TITLE  Field Operations Facility	5.PROJECT NUMBER  19983
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUN 2001
- (b) Percent Complete As Of January 2001..... .00
- (c) Date 35% Designed..... SEP 2002
- (d) Date Design Complete..... DEC 2002
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 39
- (b) All Other Design Costs..... 24
- (c) Total Design Cost..... 63
- (d) Contract..... 40
- (e) In-house..... 23

(4) Construction Contract Award..... JUL 2002

(5) Construction Start..... DEC 2002

(6) Construction Completion..... DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>

NA

Installation Engineer: Susan E. Walker  
Phone Number: (757) 878-3509, x289

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Eustis Virginia	4. PROJECT TITLE Main Pier
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5. PROGRAM ELEMENT 46029A	6. CATEGORY CODE 151	7. PROJECT NUMBER 21177	8. PROJECT COST (\$000) Auth 23,000 Approp 23,000
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				17,748
Main Pier	m2 (SF)	7,098 ( 76,400)	1,692	(12,010)
Finger Piers	m (LF)	329.18 ( 1,080)	580.19	(191)
Refueling Dolphin	EA	3 --	49,516	(149)
Mooring Dolphin	EA	26 --	133,855	(3,480)
Turning Dolphin	EA	10 --	114,589	(1,146)
Total from Continuation page				(772)
<u>SUPPORTING FACILITIES</u>				3,281
Electric Service	LS	--	--	(807)
Water, Sewer, Gas	LS	--	--	(315)
Site Imp( 2,159) Demo( )	LS	--	--	(2,159)
ESTIMATED CONTRACT COST				21,029
CONTINGENCY PERCENT (5.00%)				<u>1,051</u>
SUBTOTAL				22,080
SUPV, INSP & OVERHEAD (5.70%)				<u>1,259</u>
TOTAL REQUEST				23,339
TOTAL REQUEST (ROUNDED)				23,000
INSTALLED EQT-OTHER APPROP				(0)

10. Description of Proposed Construction Construct a pile supported, pier structure and mooring dolphins, to provide berthing/support for vessels, Roll-On/Roll-Off (RO/RO) and Load-On/Load-Off (LO/LO) capability for Logistic Support Vessels (LSV) and Landing Craft Utility (LCU) vessels assigned to the 7th Transportation Group. Supporting facilities include utilities, electric service and site improvements. Demolition of the existing 1,000 feet main pier and minor dredging is included in this project.

11. REQ: 7,098 m2 ADQT: NONE SUBSTD: 7,098 m2  
PROJECT: Provide berthing, Roll-On/Roll-Off (RO/RO), Load-On/Load-Off (LO/LO) facilities for vessels assigned to the Third Port at Fort Eustis supporting mission requirements of the 7th Transportation Group. (Current Mission)  
REQUIREMENT: The Third Port at Fort Eustis is a multi-purpose marine facility. Fort Eustis is the home base of the 7th Transportation Group (Terminal), the only active Army component unit with the mission to provide port and terminal operations as well as support the Army Strategic Mobility Program. The 7th Transportation Group has an existing requirement to provide berthing, RO/RO, LO/LO, and maintenance support for three Landing Ship Vessels (LSV), 16 Landing Craft Utility (LCU-2000) vessels, and two 128 foot ocean tugs. These vessels are part of a modernized Army fleet and are capable of

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001		
3.INSTALLATION AND LOCATION  Fort Eustis, Virginia				
4.PROJECT TITLE  Main Pier	5.PROJECT NUMBER  21177			
9. <u>COST ESTIMATES (CONTINUED)</u>				
	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Bulkhead	LS	--	--	(144)
Dredging	m3 (CY)	28,289 ( 37,000)	22.21	(628)
Total				772
<u>REQUIREMENT: (CONTINUED)</u>				
transporting equipment listed in the Army Tables of Organization and Equipment (TOE).				
<u>CURRENT SITUATION:</u> The vessels and ocean tugs are currently insufficiently supported by a 1,000 foot by 100 foot main pier at the Third Port. The existing pier provides inadequate and unsafe berthing for the number of vessels it must support. Inadequate berthing/mooring fitting capacities on the pier will not provide safe berthing during severe weather. Deteriorated condition of the pier's structural elements requires reduced, less efficient loadings on the pier deck. This prevents the use of material handling equipment on the pier and restrict the accomplishment of mission requirements. Existing loading restrictions on the pier also prevent RO/RO and LO/LO operations.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, support for the vessels maintained at the Third Port is severely limited and restricts the port's ability to meet strategic deployment timelines. The safety of personnel and vessels is jeopardized and increased vessel maintenance can be anticipated that is attributable to insufficient support requirements of the pier.				
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, no anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.				

1. COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Eustis, Virginia

4. PROJECT TITLE  Main Pier	5. PROJECT NUMBER  21177
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... JAN 2000
  - (b) Percent Complete As Of January 2001..... 35.00
  - (c) Date 35% Designed..... JAN 2001
  - (d) Date Design Complete..... SEP 2001
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
- (2) Basis:
- (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 1,040
  - (b) All Other Design Costs..... 150
  - (c) Total Design Cost..... 1,190
  - (d) Contract..... \_\_\_\_\_
  - (e) In-house..... 1,190
- (4) Construction Contract Award..... DEC 2001
- (5) Construction Start..... JAN 2002
- (6) Construction Completion..... JAN 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NONE

Installation Engineer: COL Robert Reardon  
Phone Number: 757 878-3642

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001
3. INSTALLATION AND LOCATION  Fort Lee Virginia			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  0.94	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	683	2527	1708	488	4687	248	74 133 2329 12,877
B. END FY 2006	636	2636	1579	565	4713	140	74 147 2322 12,812
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....	2,256 ha		(5,574 AC)				
B. INVENTORY TOTAL AS OF 30 SEP 2000.....	1,156,256						
C. AUTHORIZATION NOT YET IN INVENTORY.....	0						
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....	23,900						
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....	0						
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0						
G. REMAINING DEFICIENCY.....	55,757						
H. GRAND TOTAL.....	1,235,913						
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE			COST	DESIGN STATUS	
CODE	NUMBER				(\$000)	START COMPLETE	
171	33075	Airborne Training Facility			17,500	03/1999 04/2002	
610	53677	Military Entrance Processing Station			6,400	06/2001 12/2002	
TOTAL					23,900		
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE			COST		
CODE				(\$000)			
A. INCLUDED IN THE FY 2003 PROGRAM: NONE							
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE							
10. MISSION OR MAJOR FUNCTIONS:							
Provides support facilities to house National Ground Intelligence Center (NGIC) employees and customers.							
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
					(\$000)		
A. AIR POLLUTION					0		
B. WATER POLLUTION					0		
C. OCCUPATIONAL SAFETY AND HEALTH					0		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Fort Lee Virginia		
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$280,492, based on the Installation Status Report Information on conditions as of October 2000.		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Lee Virginia				4.PROJECT TITLE Airborne Training Facility		
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 171	7.PROJECT NUMBER 33075		8.PROJECT COST (\$000) Auth            17,500 Approp        17,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,237
ADFSD Building		m2 (SF)	10,430 ( 112,268)		1,184	(12,352)
Relocate Running Track		LS	--		--	(600)
EMCS Connection		LS	--		--	(203)
Tower for ADFSD Building		LS	--		--	(502)
IDS Installation		LS	--		--	(20)
Total from Continuation page						(560)
<u>SUPPORTING FACILITIES</u>						1,704
Electric Service		LS	--		--	(162)
Water, Sewer, Gas		LS	--		--	(82)
Paving, Walks, Curbs & Gutters		LS	--		--	(254)
Storm Drainage		LS	--		--	(220)
Site Imp( 96) Demo( 560)		LS	--		--	(656)
Information Systems		LS	--		--	(158)
Antiterrorism/Force Protection		LS	--		--	(20)
Exterior Building Sign		LS	--		--	(152)
ESTIMATED CONTRACT COST						15,941
CONTINGENCY PERCENT (5.00%)						797
SUBTOTAL						16,738
SUPV, INSP & OVERHEAD (5.70%)						954
TOTAL REQUEST						17,692
TOTAL REQUEST (ROUNDED)						17,500
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct an aerial delivery rigger training facility, consisting of classrooms, applied instruction space, instructor areas, administrative support areas and special purpose parachute drying and storage areas. Connect energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Relocate running track. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; sewer service; paving, walks, curbs and gutters; parking; information systems; and site improvements. Access for the handicapped will be provided. Air conditioning (500 tons) and heating will be provided. Demolish eight buildings (60,244 SF). Anti-terrorism/force protection measures include additional building access controls.						
11. REQ:                    47,830 m2    ADQT:                    21,947 m2    SUBSTD:                    22,218 m2						
PROJECT: Construct an Aerial Delivery and Field Services Training Facility. (Current Mission)						
REQUIREMENT: This project is required to provide adequate training and administrative facilities to support the Enlisted Parachute Rigger Course and the Aerial Delivery and Material Officers Course. The courses support approximately 125 students taught by each branch of the Aerial Delivery and Field Service Division (ADFSD) of the Quartermaster School yielding an average						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Lee, Virginia

4. PROJECT TITLE Airborne Training Facility	5. PROJECT NUMBER 33075
--	----------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Force Protection	LS	--	--	(50)
Building Information Systems	LS	--	--	(510)
			Total	560

REQUIREMENT: (CONTINUED)

daily student load of 200 persons. Training and/or storage space is required for parachute and rigging systems for the C-130 and C-17 aircraft.

CURRENT SITUATION: Training operations are conducted in deteriorating temporary and semi-permanent World War II type buildings. Facility deficiencies are causing parachutes to deteriorate within the facility, primarily from sunlight and heat and cold. The existing buildings have no partitions between classrooms resulting in degradation of training due to the noise. Interior training spaces are not large enough to allow the students to properly operate their machines. Correctly configured or conditioned storage space is not available to store parachutes in need of repair. Training and operations are curtailed during high heat and high humidity periods in the summer months. Many classes are held in hallways. Lack of adequate break rooms disrupts the training schedule. Modern automated training cannot be properly configured in these substandard facilities.

IMPACT IF NOT PROVIDED: If this project is not provided, continued aggravated deficiencies in training and possible damage to parachutes due to the poor storage area and lack of a drying tower will exist. The high utility costs presently incurred from operating temporary, uninsulated, 40-year-old facilities will continue.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis was prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop the budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Lee, Virginia

4.PROJECT TITLE  Airborne Training Facility	5.PROJECT NUMBER  33075
---	-------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... MAR 1999
  - (b) Percent Complete As Of January 2001..... 8.00
  - (c) Date 35% Designed..... SEP 2001
  - (d) Date Design Complete..... APR 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
  - (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
- (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 890
  - (b) All Other Design Costs..... 375
  - (c) Total Design Cost..... 1,265
  - (d) Contract..... 100
  - (e) In-house..... 1,165
- (4) Construction Contract Award..... JUL 2002
- (5) Construction Start..... AUG 2002
- (6) Construction Completion..... DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: LTC James E. Alty, Jr.  
Phone Number: 804 734-4015

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Fort Lee Virginia			4. PROJECT TITLE Military Entrance Processing Station		
5. PROGRAM ELEMENT 88911A	6. CATEGORY CODE 610	7. PROJECT NUMBER 53677	8. PROJECT COST (\$000) Auth                    6,400 Approp                 6,400		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					4,097
Military Entrance Processing St		m2 (SF)	2,661 ( 28,638)	1,277	(3,399)
Antiterrorism Force Protection		LS	--	--	(179)
EMCS Connection		LS	--	--	(344)
Building Information Systems		LS	--	--	(175)
<u>SUPPORTING FACILITIES</u>					1,443
Electric Service		LS	--	--	(100)
Water, Sewer, Gas		LS	--	--	(72)
Paving, Walks, Curbs & Gutters		LS	--	--	(335)
Storm Drainage		LS	--	--	(227)
Site Imp( 622) Demo( )		LS	--	--	(622)
Information Systems		LS	--	--	(30)
Antiterrorism/Force Protection		LS	--	--	(57)
ESTIMATED CONTRACT COST					5,540
CONTINGENCY PERCENT (5.00%)					277
SUBTOTAL					5,817
SUPV, INSP & OVERHEAD (5.70%)					332
DESIGN/BUILD - DESIGN COST					232
TOTAL REQUEST					6,381
TOTAL REQUEST (ROUNDED)					6,400
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction      Construct a standard design Military Entrance Processing Station Facility. Supporting facilities include utilities; electric service; fire protection and alarm systems; parking, walks, curbs and gutters; storm drainage and storm water management; information systems; landscaping and site improvements. Access for the handicapped will be provided. Heating and air conditioning (114 tons) will be provided by self contained unit. Anti-terrorism/force protection (AT/FP) measures include barriers and laminated glass. Comprehensive interior design is required. Supporting facility costs exceed 25 percent of the primary facility cost due to earthwork costs associated with construction of a storm water retention pond.					
11. REQ:                    67,115 m2    ADQT:                    47,853 m2    SUBSTD:                    13,941 m2					
PROJECT: Construct a Military Entrance Processing Station (MEPS) facility. (Current Mission)					
REQUIREMENT: This project is required to provide a more efficient and cost effective facility for processing applicants into military service while improving the quality of life of the 68-person MEPS staff. The MEPS facility has the responsibility for processing applicants from 77 counties in the state of Virginia.					

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Lee, Virginia		
4.PROJECT TITLE  Military Entrance Processing Station	5.PROJECT NUMBER  53677	
<p><u>CURRENT SITUATION:</u> Currently, the MEPS occupies a leased General Services Administration (GSA) facility located in downtown in Richmond, Virginia. The lease cost for this location has escalated annually by approximately three percent since the lease began in 1988. Fiscal year 2001 saw a tremendous increase in the annual payment as the rate almost doubled, rising from \$429,359 to \$854,621. The layout of floor space within the current facility is detrimental to orderly processing and control of applicants; the station is divided over two floors of the facility. This results in an inefficient facility which is poorly configured for the intended use and does not convey a favorable impression of military service to new service members.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the Department of the Army will continue to pay premium rent for a leased facility that no longer meets its needs. An economic analysis comparing the cost of continued leasing versus new construction has been prepared for this project. Results of this analysis indicate that a net present value savings of \$14.2 million and a discounted pay back period of approximately 2.4 years after occupancy can be achieved through implementation of this project. No other adequate facilities are available for this requirement at Fort Lee.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
<p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... JUN 2001</p> <p>(b) Percent Complete As Of January 2001..... .00</p> <p>(c) Date 35% Designed..... SEP 2002</p> <p>(d) Date Design Complete..... DEC 2002</p> <p>(e) Parametric Cost Estimating Used to Develop Costs _____ YES</p> <p>(f) Type of Design Contract: Design-build</p> <p>(g) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: YES</p>		

1. COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Lee, Virginia

4. PROJECT TITLE  Military Entrance Processing Station	5. PROJECT NUMBER  53677
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:  
Fort George G Meade

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications..... 141

(b) All Other Design Costs..... 89

(c) Total Design Cost..... 230

(d) Contract..... 147

(e) In-house..... 83

(4) Construction Contract Award..... JUL 2002

(5) Construction Start..... DEC 2002

(6) Construction Completion..... DEC 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>(\$000)</u>	

NA

Installation Engineer: LTC James E. Alty, Jr.

Phone Number: 804 734-4015

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
----- PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT	
NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----
Washington	Fort Lewis (FORSCOM)				401
41570	Deployment Staging Complex	15,500	15,500	C	403
41572	Pallet Handling Facility	13,200	13,200	C	407
41746	Barracks Complex - 17th & B Streets, Ph 1	150,000	48,000	C	410
49840	Deployment Staging Complex/Rail	16,500	16,500	C	414
53638	Combat Vehicle Trail	7,300	7,300	C	417
54023	Ammunition Supply Point Expansion	17,000	17,000	C	420
54068	Vehicle Maintenance Facility	9,100	9,100	C	423
54113	Vehicle Maintenance Facility	9,600	9,600	C	426
	Subtotal Fort Lewis PART I	\$ 238,200	136,200		
	* TOTAL MCA FOR Washington	\$ 238,200	136,200		
	** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 1,310,930	1,337,600		

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001			
3. INSTALLATION AND LOCATION  Fort Lewis Washington			4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  1.09				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	2251	15911	1827	20	238	0	123	132	2322	22,824
B. END FY 2006	2349	16957	1627	16	241	0	124	132	2322	23,768
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	34,873 ha			(86,174 AC)						
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							4,321,817			
C. AUTHORIZATION NOT YET IN INVENTORY.....							123,442			
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							238,200			
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							49,400			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							8,700			
G. REMAINING DEFICIENCY.....							176,370			
H. GRAND TOTAL.....							4,917,929			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST		DESIGN STATUS				
CODE	NUMBER			(\$000)		START	COMPLETE			
141	41572	Pallet Handling Facility		13,200		06/2000	03/2002			
141	41570	Deployment Staging Complex		15,500		01/2000	03/2002			
721	41746	Barracks Complex - 17th & B Streets, Ph 1		48,000		12/1999	08/2001			
860	49840	Deployment Staging Complex/Rail		16,500		01/2000	04/2002			
857	53638	Combat Vehicle Trail		7,300		06/2000	04/2001			
214	54068	Vehicle Maintenance Facility		9,100		06/2000	03/2002			
422	54023	Ammunition Supply Point Expansion		17,000		06/2000	09/2001			
214	54113	Vehicle Maintenance Facility		9,600		06/2000	03/2002			
				TOTAL		136,200				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST						
CODE					(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM:										
721	Barracks Complex - 17th & B Streets Ph2				49,400					
				TOTAL		49,400				
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
10. MISSION OR MAJOR FUNCTIONS:										
Support and training of I Corps Headquarters and organizations assigned to I Corps, including a motorized brigade. Support Madigan Army Medical Center and Reserve Component annual training. Ensure the										

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001								
INSTALLATION AND LOCATION: Fort Lewis Washington										
<p>10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED)</p> <p>most efficient utilization of resources to operate Fort Lewis and accomplish all assigned missions. Conduct mobilization operations to meet wartime requirements. Conduct operations in support of civil authorities in domestic emergencies.</p>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$707,144,000, based on the Installation Status Report Information on conditions as of October 2000. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$707,144, based on the Installation Status Report Information on conditions as of October 2000.</p>										

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Lewis Washington			4.PROJECT TITLE Deployment Staging Complex			
5.PROGRAM ELEMENT 46029A		6.CATEGORY CODE 141	7.PROJECT NUMBER 41570		8.PROJECT COST (\$000) Auth                    15,500 Approp                 15,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,737
Transportation Inspection Point		m2 (SF)	2,960 ( 31,860)		1,044	(3,090)
Access Control House		m2 (SF)	5.02 ( 54)		3,582	(18)
Deployment Control Facility		m2 (SF)	92.90 ( 1,000)		1,475	(137)
Scale House		m2 (SF)	325.16 ( 3,500)		1,129	(367)
Wash Platform, Organizational		m2 (SF)	343.74 ( 3,700)		297.09	(102)
Total from Continuation page						(5,023)
<u>SUPPORTING FACILITIES</u>						4,500
Electric Service		LS	--		--	(252)
Water, Sewer, Gas		LS	--		--	(449)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,008)
Storm Drainage		LS	--		--	(236)
Site Imp( 743) Demo( 537)		LS	--		--	(1,280)
Information Systems		LS	--		--	(283)
Antiterrorism/Force Protection		LS	--		--	(992)
ESTIMATED CONTRACT COST						13,237
CONTINGENCY PERCENT (5.00%)						<u>662</u>
SUBTOTAL						13,899
SUPV, INSP & OVERHEAD (5.70%)						792
DESIGN/BUILD - DESIGN COST						<u>562</u>
TOTAL REQUEST						15,253
TOTAL REQUEST (ROUNDED)						15,500
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a transportation inspection point (TIP) facility and vehicle assembly and staging area. Upgrade a tank trail. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; information systems; and site improvements. Anti-terrorism/force protection measures include laminated glass. Demolish five buildings (38,269 SF) and pavement (7,500 SY). Air conditioning for computer data processing equipment is required. Mechanical ventilation: 60,000 CFM. Accessibility for the handicapped shall be provided.						
11. REQ:		10,381 m2	ADQT:	NONE	SUBSTD:	5,413 m2
<u>PROJECT:</u> Construct a vehicle deployment processing and staging facility. This project supports the Army's Strategic Mobility Program. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to provide a vehicle deployment processing center to include vehicle inspection, weighing, and staging for processing military vehicles and equipment for deployment by air, sea, rail and land. A small maintenance facility will provide the corrective maintenance for vehicle breakdowns during the inspection process. An enclosed two bay scale facility with two electronic wheel balance scales and center of balance capability is required for weighing of military vehicles for air, rail or sea deploying. A deployment control facility is required to control the movement						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Lewis, Washington

4. PROJECT TITLE Deployment Staging Complex	5. PROJECT NUMBER 41570
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Defueling facility	m2 (SF)	209.03 ( 2,250)	194.29	(41)
Tank Trail	m2 (SY)	15,607 ( 18,666)	41.56	(649)
Hardstand Marshalling Area	m2 (SY)	45,987 ( 55,000)	57.65	(2,651)
Convoy Holding area	m2 (SY)	63,546 ( 76,000)	21.65	(1,376)
Antiterrorism Force Protection	LS	--	--	(221)
Building Information Systems	LS	--	--	(85)
			Total	5,023

REQUIREMENT: (CONTINUED)

of vehicles and equipment through the deployment process and interfacing with the installation command and McChord Air Force Base Departure Air Control Group (DACG) facility. A defueling station for correcting the fuel level for air or sea shipment is needed and a wash rack station for removing any mud and dirt. Also required is permanent vehicle assembly and staging area to marshall the vehicles of a battalion of the Initial Brigade on hardstand.

CURRENT SITUATION: Currently, vehicles are inspected in temporary World War II wooden buildings with little or no insulation, poor lighting and heating systems. The two scales are above ground platforms located outdoors. The maintenance facility is a four bay, single story, metal enclosed building with poor heating and no overhead crane. When vehicles break down during the inspection process, they have to wait for vehicles being processed ahead before being pushed to the maintenance facility for corrective repairs. The deployment control is also in a wooden building with poor insulation and heating. There is no defueling station or wash rack in the area. The assembly area is an asphalt area only large enough to handle a Company's inventory of non-track vehicles. Latrines are located in a separate building. Defueling must be done by hand and cleaning accomplished by water hoses. The vehicle staging area is a graveled area in the existing rail yard.

IMPACT IF NOT PROVIDED: If this project is not provided, vehicle inspections will continue to be processed in wooden buildings with poor insulation and heating, one inspection pit for undercarriage inspections, and no ability to move disabled vehicles out of the processing line. The current deployment processing causes vehicles to travel back and forth through common area before being staged causing inefficiency, confusion, and safety problems. Delays in deployment due to manually defueling and washing of vehicles will also continue. The vehicles will still have to be staged on gravel surface for transport or convoy causing potential environmental problems.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Fort Lewis, Washington		
4.PROJECT TITLE  Deployment Staging Complex	5.PROJECT NUMBER  41570	
<p><u>ADDITIONAL:</u>        (CONTINUED)</p> <p>economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		<u>JAN 2000</u>
(b) Percent Complete As Of January 2001.....		<u>15.00</u>
(c) Date 35% Designed.....		<u>DEC 2001</u>
(d) Date Design Complete.....		<u>MAR 2002</u>
(e) Parametric Cost Estimating Used to Develop Costs		<u>YES</u>
(f) Type of Design Contract: Design-build		
(g) An energy study and life cycle cost analysis will be documented during the final design.		
(2) Basis:		
(a) Standard or Definitive Design: NO		
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)		
(a) Production of Plans and Specifications.....		<u>315</u>
(b) All Other Design Costs.....		<u>199</u>
(c) Total Design Cost.....		<u>514</u>
(d) Contract.....		<u>331</u>
(e) In-house.....		<u>183</u>
(4) Construction Contract Award..... <u>OCT 2001</u>		
(5) Construction Start..... <u>MAR 2002</u>		
(6) Construction Completion..... <u>JUN 2003</u>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Fort Lewis, Washington
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4. PROJECT TITLE  Deployment Staging Complex	5. PROJECT NUMBER  41570
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: COL Richard L. Conte  
Phone Number: 253 967-3191

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Lewis Washington			4.PROJECT TITLE Pallet Handling Facility			
5.PROGRAM ELEMENT  22696A		6.CATEGORY CODE  141	7.PROJECT NUMBER  41572		8.PROJECT COST (\$000) Auth                    13,200 Approp                 13,200	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						9,228
Container/Pallet Handling Fac.		m2 (SF)	6,968 ( 75,000)		849.81	(5,921)
Truck Loading Dock		m2 (SY)	1,008 ( 1,206)		126.56	(128)
Container Loading/Storage		m2 (SY)	25,920 ( 31,000)		53.76	(1,393)
Vehicle Storage Area		m2 (SY)	41,806 ( 50,000)		34.50	(1,443)
Antiterrorism Force Protection		LS	--		--	(147)
Building Information Systems		LS	--		--	(196)
<u>SUPPORTING FACILITIES</u>						2,307
Electric Service		LS	--		--	(443)
Water, Sewer, Gas		LS	--		--	(266)
Paving, Walks, Curbs & Gutters		LS	--		--	(308)
Storm Drainage		LS	--		--	(269)
Site Imp( 861) Demo( )		LS	--		--	(861)
Information Systems		LS	--		--	(140)
Antiterrorism/Force Protection		LS	--		--	(20)
ESTIMATED CONTRACT COST						11,535
CONTINGENCY PERCENT (5.00%)						<u>577</u>
SUBTOTAL						12,112
SUPV, INSP & OVERHEAD (5.70%)						690
DESIGN/BUILD - DESIGN COST						<u>488</u>
TOTAL REQUEST						13,290
TOTAL REQUEST (ROUNDED)						13,200
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a deployment container/pallet handling facility, loading areas, hardstand, a vehicle storage yard, storage shed, and road upgrades. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; fire protection and alarm; storm drainage; security; information systems; and site improvements. Anti-terrorism/force protection measures include laminated glass. Mechanical ventilation: 100,000 CFM. Accessibility for the handicapped shall be provided.						
11. REQ:		10,381 m2	ADQT:	NONE	SUBSTD:	5,413 m2
PROJECT: Construct a deployment palletizing facility and a container handling area. This project supports the Army's initiative to transform to Initial Brigade Combat Teams. (Current Mission)						
REQUIREMENT: This project is required to provide contingency supply and equipment handling area for readiness supplies placed on 1,400 463L pallets which will be deployed with the soldiers of the Initial Brigades to the forward combat area. The cargo loading area will process the loading and unloading of cargo, palletizing and repacking for the prepositioning or container storage areas. The container truck loading and handling area will consolidate the handling of containerized equipment. The vehicle storage yard will handle the logistics operation of a vehicle receiving and shipping which						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Pallet Handling Facility	5. PROJECT NUMBER  41572
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REQUIREMENT: (CONTINUED)  
was displaced by the new Transportation Inspection and Processing facility and new railhead facility. (Project Number 49840, FY 2002).  
CURRENT SITUATION: Currently readiness deployment supplies and equipment are handled and prepositioned in World War II wood facilities and sheds in various locations on Fort Lewis and the Logistics Center. The facilities lack adequate heating, ventilation and air conditioning systems, insulation, and lighting. The palletizing is done at one location and then the pallets transported to another location for prepositioning and processing in the Logistic Center. These contingency preposition locations are spread throughout the installation.  
IMPACT IF NOT PROVIDED: If this project is not provided, the coordination of equipment, supplies and materials to the right transport place will require handling at several locations causing delays and extending the time needed to process them for rapid deployment.  
ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE  
CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JUN 2000
  - (b) Percent Complete As Of January 2001..... 15.00
  - (c) Date 35% Designed..... DEC 2001
  - (d) Date Design Complete..... MAR 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 284
  - (b) All Other Design Costs..... 139
  - (c) Total Design Cost..... 423

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4.PROJECT TITLE  Pallet Handling Facility	5.PROJECT NUMBER  41572
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (d) Contract..... 316
  - (e) In-house..... 107
  
  - (4) Construction Contract Award..... OCT 2001
  - (5) Construction Start..... MAR 2002
  - (6) Construction Completion..... JUN 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: COL Richard L. Conte  
Phone Number: 253 967-3191

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Lewis Washington	4. PROJECT TITLE Barracks Complex - 17th & B Streets, Ph 1
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5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 721	7. PROJECT NUMBER 41746	8. PROJECT COST (\$000) Auth 150,000 Approp 48,000
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				29,838
Barracks	m2 (SF)	9,704 ( 104,453)	1,593	(15,458)
Soldier Community Building	m2 (SF)	496 ( 5,339)	1,593	(790)
Company Operations Facilities	m2 (SF)	4,952 ( 53,303)	1,418	(7,022)
Battalion Headquarters Building	m2 (SF)	1,327 ( 14,284)	1,633	(2,167)
IDS Installation	LS	--	--	(150)
Total from Continuation page				(4,251)
<u>SUPPORTING FACILITIES</u>				13,430
Electric Service	LS	--	--	(2,190)
Water, Sewer, Gas	LS	--	--	(1,121)
Paving, Walks, Curbs & Gutters	LS	--	--	(2,436)
Storm Drainage	LS	--	--	(1,900)
Site Imp( 4,247) Demo( 91)	LS	--	--	(4,338)
Information Systems	LS	--	--	(990)
Antiterrorism/Force Protection	LS	--	--	(455)
ESTIMATED CONTRACT COST				43,268
CONTINGENCY PERCENT (5.00%)				<u>2,163</u>
SUBTOTAL				45,431
SUPV, INSP & OVERHEAD (5.70%)				<u>2,590</u>
TOTAL REQUEST				48,021
TOTAL REQUEST (ROUNDED)				48,000
INSTALLED EQT-OTHER APPROP				(1,844)

10. Description of Proposed Construction The Army is requesting full authorization of \$150M for this phased complex. Construct a barracks complex and improve installation access security. The project includes barracks, four medium and two large company operations facilities; one battalion headquarters with classroom; and storage facilities. Construct an arterial infrastructure to include two sentry stations and access control facility. Supporting facilities include utilities; electric service; security and street lighting; fire protection and alarm systems; paving, walks, curbs and gutters; fencing and gates; storm and sanitary sewers; oil water separator; information systems; and site improvements. Demolish six buildings (529 m2). Remove pavement (58,800 m2). Anti-terrorism/force protection (AT/FP) measures include laminated glass. Access for the handicapped will be provided. Heating will be provided by self contained gas-fired systems with dual fuel capability. Mechanical ventilation: 800,000 CFM. Supporting facility costs are high due to replacement of streets and associated utilities. Comprehensive interior design is required.

11. REQ:	5,550 PN	ADQT:	3,097 PN	SUBSTD:	2,453 PN
PROJECT: Construct a standard-design barracks complex including company administration and supply, battalion headquarters, arterial infrastructure and improve installation access security. (Current Mission)					

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4.PROJECT TITLE  Barracks Complex - 17th & B Streets, Ph 1	5.PROJECT NUMBER  41746
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorim Force Protection	LS	--	--	(790)
Arterial Infrastructure	LS	--	--	(2,182)
Lawn Mower Storage Facilities	m2 (SF)	40 ( 430.56)	1,043	(42)
Building Information Systems	LS	--	--	<u>(1,237)</u>
			Total	4,251

REQUIREMENT: This project is required to revitalize by replacement of existing barracks to provide adequate housing for enlisted personnel, in accordance with the Whole Barracks Renewal program. This project will provide housing for 225 enlisted personnel (150 E1-E4, 75 E5-56). Maximum utilization is 300 personnel.

CURRENT SITUATION: Generally, the permanent barracks on Fort Lewis range in age from 37 to 65 years old. These barracks were initially built with open-bay sleeping areas and were modernized in the mid 70s to provide separate sleeping rooms and office space. However, sleeping areas are inefficient in many cases and do not meet current barracks standards. Most buildings still contain gang latrines with deteriorated plumbing. Floors, walls, and ceilings show substantial wear and tear, giving the barracks a dingy appearance. The building layout and treatments give the barracks an institutional atmosphere, detracting from quality-of-life and affecting unit pride. Existing buildings do not meet current seismic codes.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in barracks which lack authorized living space, security, and privacy as required by current Army standards. Plumbing, heating, and other utility systems will continue to deteriorate resulting in more frequent system repairs, possible system failure, and jeopardized health and life safety. A study has determined that these buildings would suffer approximately 80 percent destruction in the event of a major earthquake due to insufficient seismic resistance in the building construction, as a result, life safety would be at risk. Continued shortfalls of administration space will result in inefficient operations. Quality-of-life, morale, and readiness will be increasingly impacted as inadequate facilities are utilized. Also, using the old, inadequately sized arterials will cause increased traffic congestion.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design,

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Barracks Complex - 17th & B Streets, Ph 1	5. PROJECT NUMBER  41746
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ADDITIONAL: (CONTINUED)  
development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$420K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Fort Lewis. Upon completion of this multi-phased project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is 2,153 personnel at this installation at maximum utilization.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... DEC 1999
  - (b) Percent Complete As Of January 2001..... 50.00
  - (c) Date 35% Designed..... NOV 2000
  - (d) Date Design Complete..... AUG 2001
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
  - (g) An energy study and life cycle cost analysis will be documented during the final design.
  
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Fort Lewis
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 2,279
  - (b) All Other Design Costs..... 180
  - (c) Total Design Cost..... 2,459
  - (d) Contract..... 777
  - (e) In-house..... 1,682
  
- (4) Construction Contract Award..... OCT 2001
- (5) Construction Start..... NOV 2001
- (6) Construction Completion..... MAR 2004

1.COMONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 30 JUN 2001
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3.INSTALLATION AND LOCATION  
Fort Lewis, Washington

4.PROJECT TITLE Barracks Complex - 17th & B Streets, Ph 1	5.PROJECT NUMBER 41746
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
IDS Equipment	OPA	2003	73
Info Sys - ISC	OPA	2002	1,257
Info Sys - PROP	OPA	2002	514
		TOTAL	<u>1,844</u>

Installation Engineer: COL Richard Conte  
Phone Number: 253 967-3191

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Lewis Washington	4. PROJECT TITLE Deployment Staging Complex/Rail
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5. PROGRAM ELEMENT 46029A	6. CATEGORY CODE 860	7. PROJECT NUMBER 49840	8. PROJECT COST (\$000) Auth 16,500 Approp 16,500
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				11,095
Railroad Tracks	m (LF)	10,668 ( 35,000)	837.93	(8,939)
Vehicle Hardstand, Concrete	m2 (SY)	10,870 ( 13,000)	56.59	(615)
Vehicle Stationing, A/C	m2 (SY)	22,408 ( 26,800)	29.19	(654)
Concrete Loading Ramp	m2 (SY)	928.10 ( 1,110)	947.74	(880)
Signage	LS	--	--	(6)
Building Information Systems	LS	--	--	(1)
<u>SUPPORTING FACILITIES</u>				3,140
Electric Service	LS	--	--	(418)
Paving, Walks, Curbs & Gutters	LS	--	--	(312)
Storm Drainage	LS	--	--	(166)
Site Imp( 2,049) Demo( )	LS	--	--	(2,049)
Information Systems	LS	--	--	(27)
Antiterrorism/Force Protection	LS	--	--	(168)
ESTIMATED CONTRACT COST				14,235
CONTINGENCY PERCENT (5.00%)				712
SUBTOTAL				14,947
SUPV, INSP & OVERHEAD (5.70%)				852
DESIGN/BUILD - DESIGN COST				602
TOTAL REQUEST				16,401
TOTAL REQUEST (ROUNDED)				16,500
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Project includes eight railroad loading spurs with ramps; container dock; staging area hardstand; ammunition upload area. Upgrade all existing storage tracks. Supporting facilities include utilities, lighting, storm drainage, paving, hardstand, information systems, and electrical power. Supporting facility costs are high due to site improvements, road upgrades, and unsuitable soil replacement costs. Anti-terrorism/force protection measures include security lighting, fencing and gates.

11. REQ: 10,668 m ADQT: NONE SUBSTD: NONE  
PROJECT: Construct a rail loading facility to support the Army's Strategic Mobility Program. (Current Mission)  
REQUIREMENT: This project is required to provide a consolidated railhead for deployment. This facility will process both track and wheeled military vehicles and equipment for rail transport to the nearest port in the 18 to 96 hour timeline. A railhead operation capable of a 320 rail car loading cycle per day is the minimum requirement to meet this deployment mission.  
CURRENT SITUATION: The rail shipping and receiving area has four tracks capable of staging 16 rail cars each, two tracks on each side of a graveled staging area. Additionally, there are six tracks at four different locations in the Logistics Center of Fort Lewis for the shipping and receiving of



1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Lewis, Washington

4. PROJECT TITLE Deployment Staging Complex/Rail	5. PROJECT NUMBER 49840
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract.....	<u>315</u>
(e) In-house.....	<u>135</u>
(4) Construction Contract Award.....	<u>NOV 2001</u>
(5) Construction Start.....	<u>APR 2002</u>
(6) Construction Completion.....	<u>JUN 2003</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: COL Richard L. Conte  
Phone Number: 253 967-3191

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Lewis Washington			4.PROJECT TITLE Combat Vehicle Trail			
5.PROGRAM ELEMENT 22696A		6.CATEGORY CODE 857	7.PROJECT NUMBER 53638		8.PROJECT COST (\$000) Auth                    7,300 Approp                 7,300	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Combat Vehicle Trail		m2 (SY)	229,935 ( 275,000)		20.20	5,761 (4,644)
Relocate Power Substation		LS	--		--	(1,117)
<u>SUPPORTING FACILITIES</u>						794
Electric Service		LS	--		--	(275)
Paving, Walks, Curbs & Gutters		LS	--		--	(426)
Storm Drainage		LS	--		--	(93)
ESTIMATED CONTRACT COST						6,555
CONTINGENCY PERCENT (5.00%)						<u>328</u>
SUBTOTAL						6,883
SUPV, INSP & OVERHEAD (5.70%)						<u>392</u>
TOTAL REQUEST						7,275
TOTAL REQUEST (ROUNDED)						7,300
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Construct a combat vehicle trail. Relocate a power regulating station. Supporting facilities include paving, walks, curbs and gutters; storm drainage near the water well, a treatment plant area, and additional road lighting.						
11. REQ:                    229,935 m2    ADQT:                    NONE                    SUBSTD:                    NONE						
<u>PROJECT:</u> Construct a combat vehicle trail. This project supports the Army's initiative to transform to Initial Brigade Combat Teams. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to provide a combat vehicle trail for combat vehicles stationed on NFL and Main Post Fort Lewis. The combat vehicle trail will provide access to the training ranges on main post and permit the timely deployment to the Deployment Center located in the Logistic Center without having to use the main arterials or main gates of the installation.						
<u>CURRENT SITUATION:</u> Currently two brigades are located on North Fort Lewis (NFL) and would have to use the main arterial through the main gate to the installation to get to the training ranges or to the deployment center. The other brigades located on main post would use the existing gravel and dirt trail or use the main arterials to get to the ranges or the deployment center.						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Combat Vehicle Trail	5. PROJECT NUMBER  53638
--	--------------------------------

IMPACT IF NOT PROVIDED: If this project is not provided, the troops on NFL will continue to use the NFL Gate and the Main Gate to reach the deployment facility at the Logistics Center. This will cause traffic jams through both the NFL Gate and the Main Gate, which is the main access to the commercial area of the installation. This will cause traffic delays and increase the potential for accidents. The existing roadways and gates will be unable to handle a brigade size movement and will adversely impact the unit's ability to deploy in a timely manner. This will create traffic safety concerns due to the congestion on the roadways and gates and will back up traffic onto Interstate 5. Access to NFL cannot be restricted to non-military vehicles during convoys because it is the only access to NFL.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JUN 2000
  - (b) Percent Complete As Of January 2001..... 60.00
  - (c) Date 35% Designed..... OCT 2000
  - (d) Date Design Complete..... APR 2001
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 395
  - (b) All Other Design Costs..... 34
  - (c) Total Design Cost..... 429
  - (d) Contract.....
  - (e) In-house..... 429
  
- (4) Construction Contract Award..... OCT 2001

1.COMONENT  ARMY	<b>FY 2002    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
------------------------	--	---------------------------

3.INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4.PROJECT TITLE  Combat Vehicle Trail	5.PROJECT NUMBER  53638
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... NOV 2001

(6) Construction Completion..... FEB 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>
NONE			

Installation Engineer: COL Richard L. Conte  
Phone Number: 253 967-3191

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Fort Lewis Washington	4. PROJECT TITLE Ammunition Supply Point Expansion
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5. PROGRAM ELEMENT 22696A	6. CATEGORY CODE 422	7. PROJECT NUMBER 54023	8. PROJECT COST (\$000) Auth 17,000 Approp 17,000
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				
Igloo Storage	EA	14 --	582,700	10,022 (8,158)
Ammunition Surveillance Shop	m2 (SF)	993.41 ( 10,693)	1,588	(1,578)
Access Control Building	m2 (SF)	7.43 ( 80)	1,925	(14)
IDS Installation	LS	--	--	(84)
Building Information Systems	LS	--	--	(188)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	5,385 (263)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,897)
Site Imp( 1,628) Demo( )	LS	--	--	(1,628)
Information Systems	LS	--	--	(1,597)
ESTIMATED CONTRACT COST				15,407
CONTINGENCY PERCENT (5.00%)				770
SUBTOTAL				16,177
SUPV, INSP & OVERHEAD (5.70%)				922
TOTAL REQUEST				17,099
TOTAL REQUEST (ROUNDED)				17,000
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct 14 standard-design, earth mounded, oval arched, primary ammunition igloos; ammunition holding area; ammunition inspection facility; access control building; and lightning protection. Munitions storage areas will be equipped with intrusion detection systems (IDS) with a central monitor panel in the administration facility and a control panel at the Military Police station. Work also includes pole-mounted security lights, floodlights mounted above each entrance, and information systems. Supporting facilities include utilities, electric service, storm drainage, paving, access roads, information systems, and site improvements. Supporting costs are high due to significant site work and information systems. Heating will be provided by a self-contained unit.

11. REQ: 12,905 m2 ADQT: 7,742 m2 SUBSTD: NONE  
PROJECT: Construct 14 earth covered ammunition igloos, and construct an ammunition inspection facility. This project supports the Army's initiative to transform to Initial Brigade Combat Teams. (Current Mission)  
REQUIREMENT: This project is required to handle the basic load for two Initial Brigades to allow timely air deployment. Storage capacity for approximately 112 463L ammunition pallets is required. The ammunition holding area is required to safely hold the loaded vehicles prior to movement to



1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Fort Lewis, Washington

4. PROJECT TITLE Ammunition Supply Point Expansion	5. PROJECT NUMBER 54023
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	952
(b) All Other Design Costs.....	34
(c) Total Design Cost.....	986
(d) Contract.....	
(e) In-house.....	986
(4) Construction Contract Award.....	OCT 2001
(5) Construction Start.....	DEC 2001
(6) Construction Completion.....	MAY 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: COL Richard L. Conte  
Phone Number: 253 967-3191

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Fort Lewis Washington			4.PROJECT TITLE  Vehicle Maintenance Facility			
5.PROGRAM ELEMENT  22696A		6.CATEGORY CODE  214	7.PROJECT NUMBER  54068		8.PROJECT COST (\$000) Auth                    9,100 Approp                 9,100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,799
Vehicle Maintenance Shop		m2 (SF)	2,152 ( 23,168)		1,532	(3,297)
Oil Storage Building		m2 (SF)	72.46 ( 780)		1,238	(90)
Deployment Equip. Storage Bldg		m2 (SF)	1,398 ( 15,050)		874.03	(1,222)
Access Control Building		m2 (SF)	7.43 ( 80)		2,713	(20)
Oil/Water Separator		EA	2 --		4,800	(10)
Total from Continuation page						(1,160)
<u>SUPPORTING FACILITIES</u>						2,143
Electric Service		LS	--		--	(112)
Water, Sewer, Gas		LS	--		--	(235)
Paving, Walks, Curbs & Gutters		LS	--		--	(141)
Storm Drainage		LS	--		--	(122)
Site Imp( 724) Demo( )		LS	--		--	(724)
Information Systems		LS	--		--	(809)
ESTIMATED CONTRACT COST						7,942
CONTINGENCY PERCENT (5.00%)						397
SUBTOTAL						8,339
SUPV, INSP & OVERHEAD (5.70%)						475
DESIGN/BUILD - DESIGN COST						335
TOTAL REQUEST						9,149
TOTAL REQUEST (ROUNDED)						9,100
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design Brigade organizational maintenance facility for an Initial Brigade Combat Team. This Phase 1 of the project includes vehicle maintenance shop; a petroleum, oils, and lubricants (POL) facility; a deployment equipment storage facility; waste oil tank; and hardstand and organization vehicle parking area; A single bay shop; deployment storage building and POL storage building. Supporting facilities include utilities; electric service; fire protection and alarm system; paving, walks, curbs and gutters; security fencing, gates, and lighting; information systems; and site improvements. Supporting facilities cost is high because of extensive site work. Heating will be provided by a self-contained gas-fired system with dual-fuel capability. Mechanical ventilation: 75,000 CFM. Access for the handicapped will be provided.						
11. REQ:                    87,429 m2    ADQT:                    48,816 m2    SUBSTD:                    17,655 m2						
PROJECT: Construct a Brigade Combat Team tactical equipment maintenance shop. This project supports the Army's initiative to transform to Initial Brigade Combat Teams. (Current Mission)						
REQUIREMENT: This project is required to provide adequate organizational maintenance facilities, POL and deployment equipment storage, hardstand and organizational vehicle parking for the new Initial Brigade Combat Team						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Vehicle Maintenance Facility	5. PROJECT NUMBER  54068
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Vehicle Parking, m2 (SY)		14,508 ( 17,352)	68.08	(988)
IDS Installation	LS	--	--	(20)
Physical Security	LS	--	--	(25)
Building Information Systems	LS	--	--	(127)
			Total	1,160

REQUIREMENT: (CONTINUED)

tactical vehicles of the MARC, RSTA, HIMARS, Engineer and Brigade Headquarters units. The maintenance facility will support shop, maintenance teams, administrative persone, and parking for the units tactical vehicles.

CURRENT SITUATION: These new Brigade Combat Team units will be stationed on North Fort Lewis. There are no suitable maintenance facilities on North Fort Lewis that these units can utilize. The maintenance facilities that are available are located on main post some four to five miles from the new Brigade complex.

IMPACT IF NOT PROVIDED: If this project is not provided, maintenance facilities for this unit will have to be provided on main post some four to five miles from the unit's Command and Control facilities, resulting in segmentation and logistical and operational inefficiencies resulting from transporting the unit four to five times everyday to and from the alternate facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, no anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUN 2000
- (b) Percent Complete As Of January 2001..... 15.00
- (c) Date 35% Designed..... DEC 2001

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4.PROJECT TITLE  Vehicle Maintenance Facility	5.PROJECT NUMBER  54068
---	-------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... MAR 2002
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Seattle District-INST

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 130
- (b) All Other Design Costs..... 135
- (c) Total Design Cost..... 265
- (d) Contract..... 130
- (e) In-house..... 135

(4) Construction Contract Award..... OCT 2001

(5) Construction Start..... MAR 2002

(6) Construction Completion..... FEB 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>(\$000)</u>	

NA

Installation Engineer: COL Richard L. Conte  
Phone Number: 253 967-3191

1. COMPONENT <b>ARMY</b>		<b>FY 2002      MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE <b>30 JUN 2001</b>	
3. INSTALLATION AND LOCATION <b>Fort Lewis Washington</b>			4. PROJECT TITLE <b>Vehicle Maintenance Facility</b>		
5. PROGRAM ELEMENT <b>22696A</b>	6. CATEGORY CODE <b>214</b>	7. PROJECT NUMBER <b>54113</b>	8. PROJECT COST (\$000) Auth <b>9,600</b> Approp <b>9,600</b>		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>					<b>6,342</b>
Vehicle Maintenance Shop		m2 (SF)	2,568 ( 27,640)	1,505	(3,864)
Oil Storage Building, Non-DOL/D		m2 (SF)	44.59 ( 480)	1,238	(55)
Deployment Equip. Storage Bldg		m2 (SF)	617.80 ( 6,650)	874.04	(540)
Access Control Building		m2 (SF)	7.43 ( 80)	2,713	(20)
Oil/Water Separator		EA	2 --	4,800	(10)
Total from Continuation page					(1,853)
<b>SUPPORTING FACILITIES</b>					<b>1,952</b>
Electric Service		LS	--	--	(156)
Water, Sewer, Gas		LS	--	--	(229)
Paving, Walks, Curbs & Gutters		LS	--	--	(113)
Storm Drainage		LS	--	--	(95)
Site Imp( 600) Demo( )		LS	--	--	(600)
Information Systems		LS	--	--	(759)
ESTIMATED CONTRACT COST					8,294
CONTINGENCY PERCENT (5.00%)					<u>415</u>
SUBTOTAL					8,709
SUPV, INSP & OVERHEAD (5.70%)					496
DESIGN/BUILD - DESIGN COST					<u>351</u>
TOTAL REQUEST					9,556
TOTAL REQUEST (ROUNDED)					9,600
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction      Construct a standard-design Brigade organizational maintenance facility. This phase 2 of the project includes vehicle maintenance shop; a petroleum, oils, and lubricants (POL) facility; a deployment equipment storage facility; waste oil tank; hardstand; and organizational vehicle parking area. A single bay shop; deployment storage building and POL storage. Supporting facilities include utilities; electric service; fire protection and alarm system; paving, walks, curbs and gutters; security fencing, gates, and lighting; storm drainage; information systems; and site improvements. Supporting facilities cost is high because of extensive site work. Heating will be provided by a self-contained system. Mechanical ventilation: 75,000 CFM. Access for the handicapped will be provided.					
11. REQ:                    87,429 m2    ADQT:                    48,816 m2    SUBSTD:                    17,655 m2					
PROJECT: Construct a Brigade Combat Team tactical equipment maintenance shop. This project supports the Army's initiative to transform to Initial Brigade Combat Teams. (Current Mission)					
REQUIREMENT: This project is required to provide adequate organizational maintenance facilities, POL and deployment equipment storage, hardstand and organizational vehicle parking for the new Initial Brigade Combat Team tactical vehicles of the CSSC and Infantry Battalion units. The maintenance					

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Vehicle Maintenance Facility	5. PROJECT NUMBER  54113
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Organizational Vehicle Parking, m2 (SY)		34,525 ( 41,291)	48.68	(1,681)
IDS Installation	LS	--	--	(20)
Physical Security	LS	--	--	(25)
Building Information Systems	LS	--	--	(127)
			Total	1,853

REQUIREMENT: (CONTINUED)

facilities will support shop, maintenance teams, administrative personnel, and parking for the units tactical vehicles.

CURRENT SITUATION: These new Bridgaae Combat Team units will be stationed on North Fort Lewis. There are no suitable maintenance facilities on North Fort Lewis that these units can utilize. The maintenance facilities that are available are located on main post some four to five miles from the new Brigade complex.

IMPACT IF NOT PROVIDED: If this project is not provided, maintenance facilities for this unit will have to be provided on main post some four to five miles from the unit's Command and Control facilities, resulting in segmentation and logistical and operational inefficiencies resulting from transporting the unit four or five times everyday to and from the alternate facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUN 2000
- (b) Percent Complete As Of January 2001..... 15.00
- (c) Date 35% Designed..... DEC 2001
- (d) Date Design Complete..... MAR 2002

1. COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Fort Lewis, Washington

4. PROJECT TITLE  Vehicle Maintenance Facility	5. PROJECT NUMBER  54113
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ YES
- (f) Type of Design Contract: Design-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Seattle District-INST

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 135
- (b) All Other Design Costs..... 140
- (c) Total Design Cost..... 275
- (d) Contract..... 135
- (e) In-house..... 140

(4) Construction Contract Award..... OCT 2001

(5) Construction Start..... MAR 2002

(6) Construction Completion..... FEB 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: COL Richard L. Conte  
Phone Number: 253 967-3191

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)				NEW/
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION PAGE
-----	-----	-----	-----	-----	-----
Germany		Germany Various (USAREUR)			431
		Bamberg			
	23333	Barracks Complex - Warner's 3	20,000	20,000	C 433
	23443	Physical Fitness Training Center	16,000	16,000	C 436
		Baumholder			
	30408	Vehicle Maintenance Facility	9,000	9,000	C 439
		Darmstadt			
	51048	Barracks Complex - Kelley 4163	6,800	6,800	C 442
	52298	Barracks Complex - Cambrai Fritsch 4028	6,700	6,700	C 445
		Hanau			
	52613	Barracks Complex - Pioneer 8	7,200	7,200	C 448
		Heidelberg			
	52306	Barracks Complex - Patton 114	6,800	6,800	C 451
	52634	Barracks Complex - Tompkins 4253	8,500	8,500	C 454
		Mannheim			
	52751	Vehicle Maintenance Facility	16,000	16,000	C 457
		Wiesbaden			
	51727	Child Development Center	6,800	6,800	C 461
	53164	Physical Fitness Training Center	19,500	19,500	C 464
		Subtotal Germany Various PART I	\$ 123,300	123,300	
		* TOTAL MCA FOR Germany	\$ 123,300	123,300	

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1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM				2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION  Germany Various Germany			4. COMMAND  US Army Europe and Seventh Army			5. AREA CONSTRUCTION COST INDEX  1.24	
6. PERSONNEL STRENGTH:							
		PERMANENT		STUDENTS		SUPPORTED	
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL
A. AS OF 30 SEP 2000		0	0	0	0	0	0
B. END FY 2006		10105	58033	40324	0	0	0
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....		0 ha		(0 AC)			
B. INVENTORY TOTAL AS OF 30 SEP 2000.....						0	
C. AUTHORIZATION NOT YET IN INVENTORY.....						542,146	
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....						123,300	
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....						103,350	
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....						581,600	
G. REMAINING DEFICIENCY.....						1,273,850	
H. GRAND TOTAL.....						2,624,246	
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:							
CATEGORY PROJECT				COST		DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE		(\$000)	START	COMPLETE	
721	23333	Barracks Complex - Warner's 3		20,000	04/2000	09/2001	
740	23443	Physical Fitness Training Center		16,000	11/2000	08/2001	
214	30408	Vehicle Maintenance Facility		9,000	11/2000	09/2001	
721	51048	Barracks Complex - Kelley 4163		6,800	02/2000	07/2001	
740	51727	Child Development Center		6,800	11/2000	12/2001	
721	52298	Barracks Complex - Cambrai Fritsch 4028		6,700	02/2000	07/2001	
721	52306	Barracks Complex - Patton 114		6,800	04/2000	08/2001	
721	52613	Barracks Complex - Pioneer 8		7,200	03/2000	09/2001	
721	52634	Barracks Complex - Tompkins 4253		8,500	04/2000	09/2001	
214	52751	Vehicle Maintenance Facility		16,000	04/2001	03/2002	
740	53164	Physical Fitness Training Center		19,500	07/2001	04/2002	
TOTAL				123,300			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY				COST			
CODE		PROJECT TITLE		(\$000)			
A. INCLUDED IN THE FY 2003 PROGRAM:							
214		Central Vehicle Wash Facility		1,400			
721		Barracks Complex - Warner Bldg. 7002		9,300			
214		Vehicle Maintenance Facility		10,400			
721		Barracks Complex - Sullivan Bldg. 205		3,900			
721		Barracks Complex - Leighton Bldg. 28		3,150			
721		Barracks Complex - Coleman Bldg. 18		44,000			
721		Barracks Complex - Leighton Bldgs. 192&193		31,200			
TOTAL				103,350			

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001								
INSTALLATION AND LOCATION: Germany Various Germany										
10. MISSION OR MAJOR FUNCTIONS: Support of US Army, Europe and Seventh Army.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
REMARKS : The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$6,628,254,000, based on the Installation Status Report Information on conditions as of October 2000. Germany Only. The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$6,628,254, based on the Installation Status Report Information on conditions as of October 2000.										

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Warner Barracks Bamberg, Germany				4.PROJECT TITLE Barracks Complex - Warner's 3		
5.PROGRAM ELEMENT  22396A		6.CATEGORY CODE  721	7.PROJECT NUMBER  23333		8.PROJECT COST (\$000) Auth                    20,000 Approp                 20,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						16,651
Renovate Building 7044		m2 (SF)	7,023 (	75,595)	915.58	(6,430)
Renovate Building 7049		m2 (SF)	4,267 (	45,925)	983.71	(4,197)
Renovate Building 7082		m2 (SF)	5,541 (	59,648)	1,007	(5,578)
Asbestos Removal		LS	--	--	--	(21)
IDS Installation		LS	--	--	--	(50)
Building Information Systems		LS	--	--	--	(375)
<u>SUPPORTING FACILITIES</u>						1,231
Electric Service		LS	--	--	--	(51)
Water, Sewer, Gas		LS	--	--	--	(197)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(379)
Site Imp( 273) Demo( )		LS	--	--	--	(273)
Information Systems		LS	--	--	--	(36)
Antiterrorism/Force Protection		LS	--	--	--	(295)
ESTIMATED CONTRACT COST						17,882
CONTINGENCY PERCENT (5.00%)						894
SUBTOTAL						18,776
SUPV, INSP & OVERHEAD (6.50%)						1,220
TOTAL REQUEST						19,996
TOTAL REQUEST (ROUNDED)						20,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Modernize three barracks buildings to current standards including the company operations area. Supporting facilities include utility systems, auxiliary services systems, cable services; storage areas; paving, walks, curbs and gutters; bicycle racks and parking. Arms room equipped with intrusion detection systems (IDS). Provide asbestos removal. Anti-terrorism/force protection measures include laminated windows and pressure rated exterior doors. Comprehensive interior design is required. Accessibility for the handicapped shall be provided.						
11. REQ:                    1,522 PN    ADQT:                    806 PN    SUBSTD:                    716 PN						
PROJECT: Modernize three barracks buildings to meet current standards. (Current Mission)						
REQUIREMENT: The buildings were constructed in 1935. The buildings consists of a basement, two floors and an attic supported by a robust masonry shell and clay tile covered gable roof. Maximum and intended utilization is 282 soldiers. The last major repair was in 1974. The building was constructed to house soldiers in platoon and squad elements with gang latrines.						
CURRENT SITUATION: The buildings are currently being used as barracks buildings. They were originally built as barracks when the standard was to house unit squad size elements in one room. Rooms are large and provide little						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Warner Barracks, Bamberg, Germany

4. PROJECT TITLE  Barracks Complex - Warner's 3	5. PROJECT NUMBER  23333
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CURRENT SITUATION: (CONTINUED)

privacy. The latrines are centrally located on a hallway to serve a large group of residents. These types of latrines offer no privacy. They are large, drafty and are prone to mildew and odors. They are maintenance intensive for both the occupant and the Directorate of Public Works (DPW). The present co-location of laundry rooms with the gang latrines on each floor causes a disturbance to the adjacent bedrooms. Due to a lack of separate individual storage bins, the soldiers must store their field gear in their rooms.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will be forced to continue living in substandard conditions. The gang latrines will continue to cause intensive maintenance problems. The current soldier housing situation lowers morale, and thereby impacts readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE

CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$643K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Warner Barracks. Upon completion of this project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is for 439 personnel at maximum utilization at this installation.

NATO SECURITY INVESTMENT: This project is not eligible for NATO infrastructure support, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2000
- (b) Percent Complete As Of January 2001..... 45.00
- (c) Date 35% Designed..... NOV 2000
- (d) Date Design Complete..... SEP 2001
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Warner Barracks, Bamberg, Germany

4.PROJECT TITLE  Barracks Complex - Warner's 3	5.PROJECT NUMBER  23333
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)  
documented during the final design.

- (2) Basis:  
(a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |       |
|---|-------|
| (a) Production of Plans and Specifications..... | 740   |
| (b) All Other Design Costs.....                 | 480   |
| (c) Total Design Cost.....                      | 1,220 |
| (d) Contract.....                               | 950   |
| (e) In-house.....                               | 270   |
- (4) Construction Contract Award..... FEB 2002
- (5) Construction Start..... MAR 2002
- (6) Construction Completion..... JUL 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: LTC Pat Findlay  
Phone Number: 011-49-9312961360

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Warner Barracks Bamberg, Germany	4. PROJECT TITLE Physical Fitness Training Center
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5. PROGRAM ELEMENT 22396A	6. CATEGORY CODE 740	7. PROJECT NUMBER 23443	8. PROJECT COST (\$000) Auth 16,000 Approp 16,000
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				12,720
Physical Fitness Trng Center	m2 (SF)	6,950 ( 74,814)	1,800	(12,509)
Antiterrorism Force Protection	LS	--	--	(125)
Building Information Systems	LS	--	--	(86)
<u>SUPPORTING FACILITIES</u>				1,424
Electric Service	LS	--	--	(29)
Water, Sewer, & Gas	LS	--	--	(75)
Steam And/Or Chilled Water Dist	LS	--	--	(69)
Paving, Walks, Curbs & Gutters	LS	--	--	(231)
Storm Drainage	LS	--	--	(3)
Site Imp( 366) Demo( 470)	LS	--	--	(836)
Information Systems	LS	--	--	(96)
Antiterrorism/Force Protection	LS	--	--	(85)
ESTIMATED CONTRACT COST				14,144
CONTINGENCY PERCENT (5.00%)				707
SUBTOTAL				14,851
SUPV, INSP & OVERHEAD (6.50%)				965
TOTAL REQUEST				15,816
TOTAL REQUEST (ROUNDED)				16,000
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct a standard-design physical fitness facility. Supporting facilities include utilities; electric service and area lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; building information systems; and site improvements. Access for the handicapped will be provided. Anti-terrorism/force protection measures include laminated glass and barriers. Heating will be supplied by central heating plant. Demolish four buildings (30,302 SF). Mechanical ventilation (64,584 CFM). Comprehensive interior design is required.

11. REQ: 6,950 m2 ADQT: NONE SUBSTD: 2,284 m2  
PROJECT: Construct a standard-design physical fitness facility. (Current Mission)  
REQUIREMENT: This project is required to provide a physical fitness facility for military personnel and authorized civilian personnel. Warner Barracks has a military community of approximately 7,500 personnel.  
CURRENT SITUATION: Warner Barracks in Bamberg has only one main gymnasium and a temporary "bubble" gymnasium. The existing gymnasium, built in 1952, has failing structural and systems components. It lacks sufficient space to support the population served. The failing, inefficient, and dramatically undersized facilities cannot support the fitness and physical activity needs

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Warner Barracks, Bamberg, Germany		
4.PROJECT TITLE  Physical Fitness Training Center	5.PROJECT NUMBER  23443	
<p><u>CURRENT SITUATION:</u>    (CONTINUED) of soldiers and the community.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, soldiers will not have an adequate facility in which to conduct physical fitness programs, organized indoor sports, or pursue individual fitness activities during off-duty hours. This situation will continue to adversely affect physical conditioning, quality-of-life, health and morale, retention rates, and combat readiness.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p><u>NATO SECURITY INVESTMENT:</u>    This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p>		
<p>12.    <u>SUPPLEMENTAL DATA:</u></p> <p>    A.    Estimated Design Data:</p> <p>        (1)    Status:</p> <p>            (a)    Date Design Started.....    <u>NOV 2000</u></p> <p>            (b)    Percent Complete As Of January 2001.....    <u>15.00</u></p> <p>            (c)    Date 35% Designed.....    <u>APR 2001</u></p> <p>            (d)    Date Design Complete.....    <u>AUG 2001</u></p> <p>            (e)    Parametric Cost Estimating Used to Develop Costs    <u>YES</u></p> <p>            (f)    Type of Design Contract:    Design-bid-build</p> <p>            (g)    An energy study and life cycle cost analysis will be documented during the final design.</p> <p>        (2)    Basis:</p> <p>            (a)    Standard or Definitive Design:    YES</p> <p>            (b)    Where Most Recently Used:                     USACE</p> <p>        (3)    Total Design Cost (c) = (a)+(b) OR (d)+(e):    (\$000)</p> <p>            (a)    Production of Plans and Specifications.....    <u>475</u></p> <p>            (b)    All Other Design Costs.....    <u>255</u></p> <p>            (c)    Total Design Cost.....    <u>730</u></p>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Warner Barracks, Bamberg, Germany

4. PROJECT TITLE  Physical Fitness Training Center	5. PROJECT NUMBER  23443
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract.....	610
(e) In-house.....	120
(4) Construction Contract Award.....	NOV 2001
(5) Construction Start.....	DEC 2001
(6) Construction Completion.....	APR 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Robert Gardner  
Phone Number: DSN 469-1560

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Smith Barracks Baumholder, Germany				4.PROJECT TITLE Vehicle Maintenance Facility		
5.PROGRAM ELEMENT  22396A		6.CATEGORY CODE  214	7.PROJECT NUMBER  30408		8.PROJECT COST (\$000) Auth                    9,000 Approp                 9,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,128
Vehicle Maintenance Shop, Org.		m2 (SF)	2,226 ( 23,964)		1,451	(3,231)
Building Alterations (2)		LS	--		--	(21)
Concrete Apron		m2 (SY)	11,122 ( 13,302)		65.52	(729)
Organizational Parking Area		m2 (SY)	13,378 ( 16,000)		65.52	(876)
Deployment Storage Building		m2 (SF)	1,301 ( 14,000)		453.48	(590)
Total from Continuation page						(1,681)
<u>SUPPORTING FACILITIES</u>						891
Electric Service		LS	--		--	(122)
Water, Sewer, Gas		LS	--		--	(12)
Steam And/Or Chilled Water Dist		LS	--		--	(40)
Paving, Walks, Curbs & Gutters		LS	--		--	(244)
Storm Drainage		LS	--		--	(29)
Site Imp( 226) Demo( 194)		LS	--		--	(420)
Information Systems		LS	--		--	(24)
ESTIMATED CONTRACT COST						8,019
CONTINGENCY PERCENT (5.00%)						<u>401</u>
SUBTOTAL						8,420
SUPV, INSP & OVERHEAD (6.50%)						<u>547</u>
TOTAL REQUEST						8,967
TOTAL REQUEST (ROUNDED)						9,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct two vehicle maintenance shop additions with apron, and organizational vehicle parking areas. Class A vault with an intrusion detection system (IDS). Construct three deployment equipment storage buildings, vehicle maintenance sheds, and covered grease racks. Supporting facilities include utilities; electric service; transformer station; heat distribution lines; paving, walks, curbs and gutters; parking and access roads; security fencing, gates and lighting; storm drainage; retaining wall; information systems; and site improvements. Heat will be provided by central heating system. Demolish five buildings (23,326 SF).						
11. REQ:                    20,985 m2    ADQT:                    7,463 m2    SUBSTD:                    13,252 m2						
<u>PROJECT:</u> Construct two vehicle maintenance shop additions. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to provide additional maintenance facilities for 1/-6 and 2/-6 Infantry Battalions to preclude having to work in the elements and during nights to accomplish their maintenance mission in garrison. In addition, new concrete parking areas will get the soldiers and their equipment out of the mud.						
<u>CURRENT SITUATION:</u> The existing facilities are not large enough to accommodate the authorized equipment. As a result of not having sufficient maintenance space available, the two infantry battalions are forced to perform						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Smith Barracks, Baumholder, Germany

4. PROJECT TITLE  Vehicle Maintenance Facility	5. PROJECT NUMBER  30408
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
POL Separators	LS	--	--	(44)
IDS Installation	LS	--	--	(49)
Vehicle Maintenance Sheds	m2 (SF)	4,088 ( 44,004)	340.57	(1,392)
Covered Grease Racks	EA	2 --	65,556	(131)
Building Information Systems	LS	--	--	(65)
			Total	1,681

CURRENT SITUATION: (CONTINUED)

organizational maintenance outside in the elements and work night and weekend schedules to maintain unit readiness. Existing vehicular parking areas, which are partially improved surfaces consisting of gravel, turn into mud after heavy rainfall.

IMPACT IF NOT PROVIDED: If this project is not provided, the 1/-6 Infantry and the 2/-6 Infantry Battalions will continue to perform the maintenance mission in the existing facilities which are too small to support the needs of modern combat units. The continued use of existing facilities will further increase operational cost, weaken troop morale and lower mission effectiveness and combat readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... NOV 2000
- (b) Percent Complete As Of January 2001..... 15.00
- (c) Date 35% Designed..... MAR 2001
- (d) Date Design Complete..... SEP 2001

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Smith Barracks, Baumholder, Germany

4.PROJECT TITLE  Vehicle Maintenance Facility	5.PROJECT NUMBER  30408
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 360
- (b) All Other Design Costs..... 290
- (c) Total Design Cost..... 650
- (d) Contract..... 475
- (e) In-house..... 175

(4) Construction Contract Award..... JAN 2002

(5) Construction Start..... MAR 2002

(6) Construction Completion..... JUL 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>(\$000)</u>	

NA

Installation Engineer: Robert R.Baumgardt  
Phone Number: DSN 485-1560

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Kelley Barracks Darmstadt, Germany			4. PROJECT TITLE Barracks Complex - Kelley 4163		
5. PROGRAM ELEMENT 22396A	6. CATEGORY CODE 721	7. PROJECT NUMBER 51048	8. PROJECT COST (\$000) Auth                    6,800 Approp                 6,800		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					5,562
Barracks Renovation		m2 (SF)	5,087 ( 54,755)	1,034	(5,260)
Asbestos Removal		LS	--	--	(163)
IDS Installation		LS	--	--	(17)
Building Information Systems		LS	--	--	(122)
<u>SUPPORTING FACILITIES</u>					501
Paving, Walks, Curbs & Gutters		LS	--	--	(155)
Site Imp( 219) Demo( )		LS	--	--	(219)
Information Systems		LS	--	--	(1)
Antiterrorism/Force Protection		LS	--	--	(126)
ESTIMATED CONTRACT COST					6,063
CONTINGENCY PERCENT (5.00%)					303
SUBTOTAL					6,366
SUPV, INSP & OVERHEAD (6.50%)					414
TOTAL REQUEST					6,780
TOTAL REQUEST (ROUNDED)					6,780
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction      Modernize barracks to current standards including the company operations area. Supporting facilities include utility systems, auxiliary services systems, telecommunication raceways and television cable services, storage areas, walks, bicycle racks, parking, sprinkler and fire alarm systems. Arms room equipped with intrusion detection systems (IDS). Provide asbestos removal. Anti-terrorism/Force Protection measures include laminated windows, pressure rated exterior doors, security lighting and a masonry enclosure for trash and recycling containers. Comprehensive interior design is required. Accessibility for the handicapped shall be provided.					
11. REQ:                    570 PN    ADQT:                    132 PN    SUBSTD:                    438 PN					
PROJECT: Modernize an existing barracks to current standards. (Current Mission)					
REQUIREMENT: This project is required to provide a barracks which complies with current Army standards for quality of life in unaccompanied personnel housing. The project is to provide improved living conditions, increased security and individual privacy for soldiers. Intended utilization is 66 E1-E4 and 8 E5-E6. Maximum utilization is 82 personnel.					

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Kelley Barracks, Darmstadt, Germany		
4.PROJECT TITLE  Barracks Complex - Kelley 4163	5.PROJECT NUMBER  51048	
<p><u>CURRENT SITUATION:</u> This building was constructed in 1936 for the German Army. The building consists of a basement, four floors and an attic supported by a robust masonry shell and clay tile covered gable roof. The last major repair was in 1980. The building was constructed to house soldiers in platoon and squad elements with gang latrines. The building was designed as a barracks when the standard was to house unit elements of about the size of a squad (11-12 persons) in one room. Rooms are large and provide little privacy. There are gang style latrines on each floor. They are prone to mildew and odors. They are maintenance intensive for both the occupant and the DPW.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will be forced to continue living in substandard conditions. The large gang latrines will continue to be smelly, damp and difficult for the soldiers to maintain. The gang latrines will continue to cause intensive maintenance problems. The current soldier housing situation lowers morale, and thereby impacts readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$50K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Kelley Barracks. Upon completion of this project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is for 356 personnel at maximum utilization at this installation.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>FEB 2000</u></p> <p>(b) Percent Complete As Of January 2001..... <u>32.00</u></p> <p>(c) Date 35% Designed..... <u>MAR 2001</u></p> <p>(d) Date Design Complete..... <u>JUL 2001</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Kelley Barracks, Darmstadt, Germany

4. PROJECT TITLE  Barracks Complex - Kelley 4163	5. PROJECT NUMBER  51048
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	350
(b) All Other Design Costs.....	160
(c) Total Design Cost.....	510
(d) Contract.....	115
(e) In-house.....	395

(4) Construction Contract Award..... NOV 2001

(5) Construction Start..... JAN 2002

(6) Construction Completion..... JUL 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NA

Installation Engineer: LTC Duttweiler  
Phone Number: 011-49-10221-131360



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Cambrai Fritsch Ksn, Darmstadt, Germany

4. PROJECT TITLE  Barracks Complex - Cambrai Fritsch 4028	5. PROJECT NUMBER  52298
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CURRENT SITUATION: This building was constructed in 1945 for the German Army. The building consists of a basement, four floors and an attic supported by a robust masonry shell and clay tile covered gable roof. The last major repair was in 1978. The building was constructed to house soldiers in platoon and squad elements with gang latrines. The building was designed as a barracks when the standard was to house unit elements of about the size of a squad (11-12 persons) in one room. Rooms are large and provide little privacy. There are gang style latrines on each floor. They are prone to mildew and odors. They are maintenance intensive for both the occupant and the DPW.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will be forced to continue living in substandard conditions. The large gang latrines will continue to be smelly, damp and difficult for the soldiers to maintain. The gang latrines will continue to cause intensive maintenance problems. Current soldier housing conditions lowers morale and thereby impacts readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$114K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Cambrai Fritsch Kasern. Upon completion of this project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is for 161 personnel at maximum utilization at this installation.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... FEB 2000
  - (b) Percent Complete As Of January 2001..... 32.00
  - (c) Date 35% Designed..... MAR 2001
  - (d) Date Design Complete..... JUL 2001
  - (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ YES

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Cambrai Fritsch Ksn, Darmstadt, Germany

4.PROJECT TITLE  Barracks Complex - Cambrai Fritsch 4028	5.PROJECT NUMBER  52298
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>350</u>
(b) All Other Design Costs.....	<u>160</u>
(c) Total Design Cost.....	<u>510</u>
(d) Contract.....	<u>115</u>
(e) In-house.....	<u>395</u>

(4) Construction Contract Award..... NOV 2001

(5) Construction Start..... JAN 2002

(6) Construction Completion..... JUL 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC Duttweiler  
Phone Number: 011-49-6221-131360

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Pioneer Kaserne Hanau, Germany	4. PROJECT TITLE Barracks Complex - Pioneer 8
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5. PROGRAM ELEMENT 22396A	6. CATEGORY CODE 721	7. PROJECT NUMBER 52613	8. PROJECT COST (\$000) Auth 7,200 Approp 7,200
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				6,289
Barracks Renovation	m2 (SF)	5,851 ( 62,982)	1,014	(5,930)
IDS Installation	LS	--	--	(18)
Asbestos Removal	LS	--	--	(104)
Antiterrorism Force Protection	LS	--	--	(159)
Building Information Systems	LS	--	--	(78)
<u>SUPPORTING FACILITIES</u>				123
Paving, Walks, Curbs & Gutters	LS	--	--	(89)
Site Imp( 33) Demo( )	LS	--	--	(33)
Information Systems	LS	--	--	(1)
ESTIMATED CONTRACT COST				6,412
CONTINGENCY PERCENT (5.00%)				<u>321</u>
SUBTOTAL				6,733
SUPV, INSP & OVERHEAD (6.50%)				<u>438</u>
TOTAL REQUEST				7,171
TOTAL REQUEST (ROUNDED)				7,200
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Modernize barracks to meet current standards including the company operations area. Supporting facilities include utility systems, auxiliary services systems, telecommunication raceways and television cable services, storage areas, sidewalks, bicycle racks, parking and fire alarm systems. Provide asbestos removal. Arms room equipped with intrusion detection systems (IDS). Anti-terrorism/force protection include laminated windows, pressure rated doors and security lighting. Comprehensive interior design is required. Accessibility for the handicapped shall be provided.

11. REQ: 345 PN ADQT: 116 PN SUBSTD: 229 PN  
PROJECT: Modernize existing barracks to meet current standards. (Current Mission)  
REQUIREMENT: The building was constructed in 1936. The building consists of a basement, three floors and an attic supported by a robust masonry shell and clay tile covered roof. The last major repair was in 1973. Intended and maximum utilization is 105 persons.  
CURRENT SITUATION: The building is currently being used as a barracks building. It was originally built as a barracks when the standard was to house unit squad size elements in one room. Rooms are large and provide little privacy. The latrine is centrally located on a hallway to serve a large group

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Pioneer Kaserne, Hanau, Germany

4.PROJECT TITLE  Barracks Complex - Pioneer 8	5.PROJECT NUMBER  52613
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CURRENT SITUATION:    (CONTINUED)

of residents. These types of latrines offer no privacy. They are large, drafty and are prone to mildew and odors. They are maintenance intensive for both the occupant and the Director of Public Works (DPW). Requiring soldiers to live in these substandard barracks has an adverse effect on their morale. The present co-location of laundry rooms with the gang latrines on each floor causes a disturbance to the adjacent bedrooms. Due to a lack of separate individual storage bins, the soldiers must store their field gear in their rooms.

IMPACT IF NOT PROVIDED:    If this project is not provided, soldiers will be forced to continue living in substandard conditions. The large gang latrines will continue to be smelly, damp and difficult for the soldiers to maintain. The gang latrines will continue to cause intensive maintenance problems. Current soldier housing conditions lowers morale and thereby impacts readiness.

ADDITIONAL:    This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop the budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE

CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$201K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Pioneer Kaserne. Upon completion of this project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is for 124 personnel at maximum utilization at this installation.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... MAR 2000
    - (b) Percent Complete As Of January 2001..... 50.00
    - (c) Date 35% Designed..... SEP 2000
    - (d) Date Design Complete..... SEP 2001
    - (e) Parametric Cost Estimating Used to Develop Costs YES

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Pioneer Kaserne, Hanau, Germany

4. PROJECT TITLE Barracks Complex - Pioneer 8	5. PROJECT NUMBER 52613
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	300
(b) All Other Design Costs.....	270
(c) Total Design Cost.....	570
(d) Contract.....	390
(e) In-house.....	180

(4) Construction Contract Award..... JAN 2002

(5) Construction Start..... FEB 2002

(6) Construction Completion..... MAR 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>

NA

Installation Engineer: LTC Quintana  
Phone Number: 011-49-6181-881560



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Patton Barracks, Heidelberg, Germany

4. PROJECT TITLE  Barracks Complex - Patton 114	5. PROJECT NUMBER  52306
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CURRENT SITUATION: This building was constructed in 1937 for the German Army. The building consists of a basement, four floors and an attic supported by a robust masonry shell and clay tile covered gable roof. The last major repair was in 1983 (replacement of windows). The building was constructed to house soldiers in platoon and squad elements with gang latrines. The building was designed as a barracks when the standard was to house unit elements of about the size of a squad (11-12 persons) in one room. Rooms are large and provide little privacy. There are gang style latrines on each floor. They are prone to mildew and odors and are maintenance intensive.

IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will be forced to continue living in substandard conditions. The large gang latrines will continue to be smelly, damp and difficult for the soldiers to maintain. The gang latrines will continue to cause intensive maintenance problems. Current soldier housing conditions lowers morale and thereby impacts readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$250K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Patton Barracks. Upon completion of this project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is for 248 personnel at maximum utilization at this installation.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... APR 2000
- (b) Percent Complete As Of January 2001..... 55.00
- (c) Date 35% Designed..... NOV 2000
- (d) Date Design Complete..... AUG 2001
- (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ YES

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Patton Barracks, Heidelberg, Germany

4.PROJECT TITLE  Barracks Complex - Patton 114	5.PROJECT NUMBER  52306
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>315</u>
(b) All Other Design Costs.....	<u>210</u>
(c) Total Design Cost.....	<u>525</u>
(d) Contract.....	<u>340</u>
(e) In-house.....	<u>185</u>

(4) Construction Contract Award..... DEC 2001

(5) Construction Start..... FEB 2002

(6) Construction Completion..... JUL 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC Duttweiler  
Phone Number: 011-49-6221-131360

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Tompkins Barracks Heidelberg, Germany			4. PROJECT TITLE Barracks Complex - Tompkins 4253		
5. PROGRAM ELEMENT 22396A	6. CATEGORY CODE 721	7. PROJECT NUMBER 52634	8. PROJECT COST (\$000) Auth                    8,500 Approp                 8,500		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					7,120
Barracks Renovation		m2 (SF)	6,750 ( 72,660)	1,016	(6,858)
Asbestos Removal		LS	--	--	(88)
IDS Installation		LS	--	--	(21)
Building Information Systems		LS	--	--	(153)
<u>SUPPORTING FACILITIES</u>					493
Electric Service		LS	--	--	(50)
Water, Sewer, Gas		LS	--	--	(50)
Paving, Walks, Curbs & Gutters		LS	--	--	(199)
Site Imp( 46) Demo( )		LS	--	--	(46)
Information Systems		LS	--	--	(13)
Antiterrorism/Force Protection		LS	--	--	(135)
ESTIMATED CONTRACT COST					7,613
CONTINGENCY PERCENT (5.00%)					<u>381</u>
SUBTOTAL					7,994
SUPV, INSP & OVERHEAD (6.50%)					<u>520</u>
TOTAL REQUEST					8,514
TOTAL REQUEST (ROUNDED)					8,500
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction      Modernize a barracks building to current standards including the company operations ares. Supporting facilities include utility systems, auxiliary services systems, telecommunication raceways and television cable services, storage areas, sidewalks, bicycle racks, parking and fire alarm systems. Arms room equipped with intrusion detection systems (IDS). Provide asbestos removal. Anti-terrorism/force protection include laminated windows, pressure rated exterior doors and security lighting. Comprehensive interior design is required. Accessibility for the handicapped shall be provided.					
11. REQ:                    266 PN    ADQT:                    134 PN    SUBSTD:                    132 PN					
PROJECT: Modernize an existing troop barracks to meet current standards. (Current Mission)					
REQUIREMENT: This project is required to provide a barracks building which complies with current Army standards for quality of life in unaccompanied personnel housing. The project is to provide improved living conditions, increased security and individual privacy for soldiers. Intended utilization is 106 E1-E4 and 13 E5-E6. Maximum utilization is 132 personnel.					

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Tompkins Barracks, Heidelberg, Germany		
4.PROJECT TITLE  Barracks Complex - Tompkins 4253	5.PROJECT NUMBER  52634	
<p><u>CURRENT SITUATION:</u> This building was constructed in 1945 for the German Army. The building consists of a basement, four floors and an attic supported by a robust masonry shell and clay tile covered gable roof. The last major repair was in 1984 (replacement of windows). The building was constructed to house soldiers in platoon and squad elements with gang latrines. The building was designed as a barracks when the standard was to house unit elements of about the size of a squad (11-12 persons) in one room. Rooms are large and provide little privacy. There are gang style latrines on each floor. They are prone to mildew and odors. They are maintenance intensive.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will be forced to continue living in substandard conditions. The large gang latrines will continue to be smelly, damp and difficult for the soldiers to maintain. The gang latrines will continue to cause intensive maintenance problems. Current soldier housing conditions lowers morale and thereby impacts readiness.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. During the past two years, \$313K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Thompkins Barracks. Upon completion of this project and other projects approved through FY 2001, there will be no remaining unaccompanied enlisted permanent party housing deficit at this installation.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>APR 2000</u></p> <p>(b) Percent Complete As Of January 2001..... <u>35.00</u></p> <p>(c) Date 35% Designed..... <u>NOV 2000</u></p> <p>(d) Date Design Complete..... <u>SEP 2001</u></p> <p>(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p>		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Tompkins Barracks, Heidelberg, Germany

4. PROJECT TITLE Barracks Complex - Tompkins 4253	5. PROJECT NUMBER 52634
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	340
(b) All Other Design Costs.....	285
(c) Total Design Cost.....	625
(d) Contract.....	440
(e) In-house.....	185

(4) Construction Contract Award..... DEC 2001

(5) Construction Start..... FEB 2002

(6) Construction Completion..... JUN 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>

NONE

Installation Engineer: LTC Quintana

Phone Number: 011-49-6181-881560

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Coleman Barracks Mannheim, Germany			4.PROJECT TITLE Vehicle Maintenance Facility			
5.PROGRAM ELEMENT 85796A		6.CATEGORY CODE 214	7.PROJECT NUMBER 52751		8.PROJECT COST (\$000) Auth                    16,000 Approp                 16,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Vehicle Maintenance Shop, Wheel		m2 (SF)	2,569 ( 27,650)		1,307	12,131
Shop Aprons		m2 (SY)	6,123 ( 7,323)		61.12	(3,359)
Centralized Wash Facility		LS	--		--	(2,186)
POL Separator/Retention Basin		LS	--		--	(374)
Organizational Vehicle Parking		m2 (SY)	94,447 ( 112,958)		61.12	(5,772)
Total from Continuation page						(66)
<u>SUPPORTING FACILITIES</u>						
Electric Service		LS	--		--	2,211
Water, Sewer, Gas		LS	--		--	(299)
Steam And/Or Chilled Water Dist		LS	--		--	(297)
Paving, Walks, Curbs & Gutters		LS	--		--	(151)
Storm Drainage		LS	--		--	(276)
Site Imp( 423) Demo( 117)		LS	--		--	(181)
Information Systems		LS	--		--	(540)
Antiterrorism/Force Protection		LS	--		--	(14)
						(453)
ESTIMATED CONTRACT COST						14,342
CONTINGENCY PERCENT (5.00%)						717
SUBTOTAL						15,059
SUPV, INSP & OVERHEAD (6.50%)						979
TOTAL REQUEST						16,038
TOTAL REQUEST (ROUNDED)						16,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design organizational vehicle maintenance shop (VMS) with aprons, organizational vehicle parking (OVP), a standard-design central vehicle wash facility; and a wash water recycling and petroleum, oils, and lubricants (POL) separator with retention basin. Intrusion detection system (IDS) is provided. Supporting facilities include utilities, electrical service, fire protection and alarm systems, paving, walks, curbs and gutters, parking, storm drainage, building information systems, and site improvements. Heating will be provided from existing district heat distribution system (City of Mannheim). Demolish 2 buildings (17,578 SF). Anti-terrorism and force protection include laminated glass and barriers. Accessibility for the handicapped shall be provided.						
11. REQ:		2,569 m2		ADQT:		NONE
				SUBSTD:		1,633 m2
PROJECT: Construct an organizational vehicle maintenance shop with organizational vehicle parking and central vehicle wash facility. (Current Mission)						
REQUIREMENT: This project is required to provide an adequate VMS and OVP parking for the 181st Transportation Battalion (TRANS BN), 3rd Corps Support Command (COSCOM), V Corps. The 181st TRANS BN is V Corps' primary transportation unit supporting V Corps and its divisions: 1st Infantry and 1st						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Coleman Barracks, Mannheim, Germany

4. PROJECT TITLE Vehicle Maintenance Facility	5. PROJECT NUMBER 52751
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(21)
Building Information Systems	LS	--	--	(45)
			Total	66

REQUIREMENT: (CONTINUED)

Armor Division with heavy transport. The unit's Heavy Equipment Transports (HET) and POL tankers are critical to the movement of V Corps assets within Central Region and to the deployment of equipment to out-of-sector locations. This project is necessary to improve the maintenance and repair of the unit's primer movers and trailers and move the unit from a pre-1900 installation that degrades mission accomplishment and is very expensive to operate and maintain to a location that enhances mission accomplishment and decreases deployment preparation times. This project is required to provide OVP for 28th TRANS BN, 29th Support Group, 21st Theater Support Command. The 28th TRANS BN is the Army's largest motor transportation battalion providing theater line-haul of ammunition, mail, rations, and other sensitive and high priority cargo and averaging over 6 million miles annually. The 28th TRANS BN provides direct line-haul support for all contingency operations in the USAREUR area of responsibility. The 28th TRANS BN supports operations in Bosnia and Kosovo with time-definite line-haul including transport of ammunition from depots to the flight line. The battalion supports all of Central Europe, the BENELUX, and split-based, line-haul operations to the Balkans. The project is required to reduce the potential of environmental damages resulting from the release of pollutants onto unimproved parking areas.

CURRENT SITUATION: The 181st TRANS BN is split with portions of the unit stationed at Turley and Spinelli Barracks, Mannheim. Turley Barracks, an installation constructed in the late 1800s and listed on the German Registry of Historic Places is located in the center of the city of Mannheim and is inadequate to support the mission of a heavy transportation battalion. There is insufficient space to park the unit's vehicles and no space on which to build. The times vehicles can be operated are restricted due to noise impacts on residential areas and commercial activities immediately adjacent to the installation. The existing maintenance facilities are inadequate in size, configuration, and condition. Doors are too small, overhead lift capacity is inadequate and/or nonexistent as are vehicle exhaust systems. Utility systems have insufficient capacity and are in poor condition. The doors, windows, and floors are failing. Tool, tire, and Prescribed Load List (PLL) storage is insufficient. Spinelli Barracks is also inadequate to support the 181st TRANS BN due to its downtown location and lack of adequate facilities. The 48 HETs of the 377th CBT CO (HET) and 60 M931 tractors and 5,000-gallon fuel trailers

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Coleman Barracks, Mannheim, Germany		
4.PROJECT TITLE  Vehicle Maintenance Facility	5.PROJECT NUMBER  52751	
<p><u>CURRENT SITUATION:</u>    (CONTINUED)</p> <p>of the 515th MDM TKR CO (POL) are parked on unimproved hard stand. The POL tankers are parked immediately adjacent to the installation perimeter posing a significant force protection risk and safety hazard. The spacing between the tankers does not meet minimal safety and fire prevention criteria. The parking areas, grass and crushed rock, are highly permeable providing no protection from POL contamination from leaking vehicles and leaking or ruptured tankers. The vehicle maintenance shops are inadequate lacking overhead lift capacity, vehicle exhaust systems, tire, tool, and PLL storage, and office space. Currently, 28th TRANS BN OVP is composed of areas of bare earth and crushed rock. The lack of improved parking results in higher maintenance costs, both in the terms of the cost of spare parts and the expenditure of additional man hours by maintenance personnel. The lack of storm drainage results in significant water accumulation that degrades the performance of operator maintenance and in the winter months poses a safety risk. The existing parking areas are highly permeable and provide little protection from soil and ground water contamination resulting from the release of pollutants.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the 181st and 28th TRANS BNs will continue to utilize substandard, inadequate facilities degrading mission performance. Due to the inadequate size and configuration of facilities, maintenance activities will be performed outside exposed to the elements. Operations conducted inside existing facilities will be negatively impacted by the lack of administrative, maintenance support storage, and special use areas. Continued use of unimproved OVP will hamper the conduct of operator preventive maintenance and service checks, contribute to unnecessarily high maintenance costs, and result in soil and ground water contamination. If this project is not provided, the 181st TRANS BN will continue to operate from Turley and Spinelli Barracks, locations unsuited to the stationing of a Heavy transportation battalion. Additionally, with all 181st TRANS BN soldiers housed at Turley Barracks, but a significant portion working at Spinelli Barracks, productive time will be lost traveling between installations.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate based on project engineering design was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Coleman Barracks, Mannheim, Germany

4. PROJECT TITLE  Vehicle Maintenance Facility	5. PROJECT NUMBER  52751
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NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... APR 2001
  - (b) Percent Complete As Of January 2001..... .00
  - (c) Date 35% Designed..... JUN 2001
  - (d) Date Design Complete..... MAR 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
222nd BSB Baumholder

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 700
- (b) All Other Design Costs..... 400
- (c) Total Design Cost..... 1,100
- (d) Contract..... 800
- (e) In-house..... 300

(4) Construction Contract Award..... JUN 2002

(5) Construction Start..... AUG 2002

(6) Construction Completion..... FEB 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
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NA

Installation Engineer: BILL L. SANDERS, FAC. ENG.

Phone Number: DSN 387-1360

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Steckenroth Rec Annex Wiesbaden, Germany				4.PROJECT TITLE Child Development Center		
5.PROGRAM ELEMENT 88911A		6.CATEGORY CODE 740	7.PROJECT NUMBER 51727		8.PROJECT COST (\$000) Auth                    6,800 Approp                 6,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,963
Child Development Center		m2 (SF)	2,418 ( 26,026)		1,740	(4,207)
Storage Shed		m2 (SF)	34.37 ( 370)		257.84	(9)
Playground w/Equipment		m2 (SF)	2,815 ( 30,300)		236.81	(667)
Antiterrorism Force Protection		LS	--		--	(49)
Building Information Systems		LS	--		--	(31)
<u>SUPPORTING FACILITIES</u>						1,121
Electric Service		LS	--		--	(56)
Water, Sewer, Gas		LS	--		--	(95)
Steam And/Or Chilled Water Dist		LS	--		--	(718)
Paving, Walks, Curbs & Gutters		LS	--		--	(140)
Site Imp( 93) Demo( )		LS	--		--	(93)
Information Systems		LS	--		--	(19)
ESTIMATED CONTRACT COST						6,084
CONTINGENCY PERCENT (5.00%)						<u>304</u>
SUBTOTAL						6,388
SUPV, INSP & OVERHEAD (6.50%)						<u>415</u>
TOTAL REQUEST						6,803
TOTAL REQUEST (ROUNDED)						6,800
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design child development center (CDC); age-appropriate playground with equipment; and storage shed. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm system; sprinklers and smoke detectors; automation and local area network systems; video monitoring and security system; intercom system; paving, walks, curbs and gutters; information systems; and site improvements. Access for the handicapped will be provided. Anti-terrorism/force protection measures include laminated glass. Comprehensive interior design is required.						
11. REQ:                    3,913 m2    ADQT:                    1,495 m2    SUBSTD:                    NONE						
<u>PROJECT:</u> Construct a standard-design child development center (303 child capacity). (Current Mission)						
<u>REQUIREMENT:</u> The facility is required to provide center-based space for mission essential full-day, part-day and hourly care programs for 303 children, six weeks through 12 years of age. The project will serve families of military personnel and Department of the Army civilian employees stationed in and around the Wiesbaden/Mainz/Dexheim Community in Wiesbaden, Germany.						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Steckenroth Rec Annex, Wiesbaden, Germany

4. PROJECT TITLE  Child Development Center	5. PROJECT NUMBER  51727
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CURRENT SITUATION: Present CDC services are delivered in three small geographically separated buildings on two neighboring installations. These existing facilities are extremely overcrowded and fall far short of current qualitative and quantitative health, safety, architectural and site design standards. They cannot economically be modified to meet these standards. Additionally, there is no site area adjacent to this facility in which to provide for expansion or even minimal site amenities such as child play areas. These shortfalls materially detract from soldiers' mission performance by reducing duty time, which is lost trying to secure child care services for their dependents. A total excess demand waiting list for all age groups continually fluctuates between 130-150 children in Wiesbaden. There are no other facilities available to renovate or convert to or replace existing inadequate child-care centers and expand services. There are no other military child-care facilities within commuting distance.

IMPACT IF NOT PROVIDED: If this project is not provided, the inadequate child-care capability will directly impact the readiness and retention of the Army in Wiesbaden. Commanders will continue to be severely handicapped in meeting the mission-essential child-care requirements of the community population. Mission performance, the community quality-of-life and the morale and welfare of the military personnel will continue to be impaired.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required antiterrorism/force protection measures have been included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE

CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... NOV 2000
- (b) Percent Complete As Of January 2001..... 15.00
- (c) Date 35% Designed..... MAY 2001
- (d) Date Design Complete..... DEC 2001
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Steckenroth Rec Annex, Wiesbaden, Germany

4.PROJECT TITLE  Child Development Center	5.PROJECT NUMBER  51727
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
US Military Academy

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>325</u>
(b) All Other Design Costs.....	<u>270</u>
(c) Total Design Cost.....	<u>595</u>
(d) Contract.....	<u>400</u>
(e) In-house.....	<u>195</u>

(4) Construction Contract Award..... FEB 2002

(5) Construction Start..... MAR 2002

(6) Construction Completion..... JUL 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Karlheinz Rudhardt  
Phone Number: DSN 337-5978

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Wiesbaden Air Base Wiesbaden, Germany	4. PROJECT TITLE Physical Fitness Training Center
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5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 740	7. PROJECT NUMBER 53164	8. PROJECT COST (\$000) Auth 19,500 Approp 19,500
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				14,772
Physical Fitness Trng Center	m2 (SF)	7,971 ( 85,800)	1,800	(14,346)
Antiterrorism Force Protection	LS	--	--	(110)
EMCS Connection	LS	--	--	(103)
Building Information Systems	LS	--	--	(213)
<u>SUPPORTING FACILITIES</u>				2,706
Electric Service	LS	--	--	(38)
Water, Sewer, Gas	LS	--	--	(293)
Steam And/Or Chilled Water Dist	LS	--	--	(167)
Paving, Walks, Curbs & Gutters	LS	--	--	(564)
Storm Drainage	LS	--	--	(175)
Site Imp( 324) Demo( 998)	LS	--	--	(1,322)
Information Systems	LS	--	--	(20)
Antiterrorism/Force Protection	LS	--	--	(127)
ESTIMATED CONTRACT COST				17,478
CONTINGENCY PERCENT (5.00%)				874
SUBTOTAL				18,352
SUPV, INSP & OVERHEAD (6.50%)				1,193
TOTAL REQUEST				19,545
TOTAL REQUEST (ROUNDED)				19,500
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct large modified standard-design physical fitness facility. Supporting facilities include utilities; Energy Monitoring and Control System (EMCS), area lighting; fire protection and alarm systems; access road, paving, parking and bicycle racks, walks, curbs and gutters; storm drainage; building information systems; and site improvements. Provide access for the handicapped. Anti-Terrorism/Force Protection measures include laminated glass and barriers. Heating provided by district heat. Mechanical ventilation estimated at 45,000 CFM. Air conditioning estimated at 18 tons. Demolish two (2) buildings (41,630 SF). Supporting facilities cost appears high because of large demolition quantity and high cost of disposal in Europe. Comprehensive interior design is required.

11. REQ: 7,971 m2 ADQT: NONE SUBSTD: 3,148 m2  
PROJECT: Construct large modified standard-design physical fitness center to fit on the constrained site (Current Mission).  
REQUIREMENT: Provide an adequate physical fitness center for soldiers of units (including Headquarters, 1st Armored Division, 3rd Corps Support Command, and 19th Materiel Management Command) assigned to Wiesbaden Army Airfield. The size of the physical fitness center is based on a military population assigned to Wiesbaden of 6188 (3657 active duty military personnel,

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Wiesbaden Air Base, Wiesbaden, Germany		
4.PROJECT TITLE  Physical Fitness Training Center	5.PROJECT NUMBER  53164	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>1433 DACs 100% and 25% of authorized family members estimated at 4392). Population data is from the Army Stationing and Installation Program year 04.</p> <p><u>CURRENT SITUATION:</u>    Soldiers use the existing physical fitness center, built in 1950 and exercise outdoors. It consists of 33,880 gross square feet of building 1043. The red Installation Status Report rating of the existing Wiesbaden Army Airfield fitness center reflects the failing, undersized and inadequate facility. A bowling alley and cinema collocated in building 1043 on the sides of the physical fitness center prevent expansion of the existing physical fitness center. The facility is in a failing condition due to age, and overuse. The electrical wiring is old and cannot carry the load for all of the equipment required in a modern physical fitness center. The showers are in poor condition and too small to support the number of patrons. Drains continually clog. Water pipes constantly burst. Locker rooms are too small to support the daily number of patrons. Exercise rooms are too small forcing placement of exercise machines in circulation/hallway areas. The facility lacks space to install the two additional machines currently on hand. Lighting is poor. Some windows do not open. The wood flooring is substandard. Part of the multicourt balcony area is used for large electrical circuit equipment. This limits the seating capacity for viewing sporting events. The racquetball courts lack balcony for viewing sporting events. Parking is extremely limited at the existing facility. Approximately 500 persons use the existing facility per day for fitness, gym and sports programs, even though it's overcrowded and inadequate. The closure of Bad Kreuznach and the subsequent move of Headquarters, 1st Armored Division to the Wiesbaden Army Airfield in 2002 will exacerbate the current situation.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided physical conditioning, quality of life, health, morale, retention rates, and combat readiness will deteriorate. Soldiers will lack an adequate facility in which to conduct unit physical fitness programs, relieve stress through organized indoor sports, or pursue individual fitness activities during off-duty hours. The current facility will further deteriorate and continue to drain the operating budget.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate based on project engineering design was used to develop this budget estimate. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with</p>		

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Wiesbaden Air Base, Wiesbaden, Germany

4. PROJECT TITLE  Physical Fitness Training Center	5. PROJECT NUMBER  53164
--	--------------------------------

ADDITIONAL: (CONTINUED)

use by other components.

NATO SECURITY INVESTMENT: This project is not within an established NATO infrastructure category for common funding, nor is it expected to become eligible in the foreseeable future.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUL 2001
- (b) Percent Complete As Of January 2001..... .00
- (c) Date 35% Designed..... DEC 2001
- (d) Date Design Complete..... APR 2002
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract:
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 805
- (b) All Other Design Costs..... 529
- (c) Total Design Cost..... 1,334
- (d) Contract..... 1,035
- (e) In-house..... 299

(4) Construction Contract Award..... AUG 2002

(5) Construction Start..... OCT 2002

(6) Construction Completion..... OCT 2004

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Wiesbaden Air Base, Wiesbaden, Germany

4.PROJECT TITLE  Physical Fitness Training Center	5.PROJECT NUMBER  53164
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: Tom Robertson  
Phone Number: DSN 337-1560

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION PAGE
-----	-----	-----	-----	-----	-----
Korea	Korea Various (EUSA)				471
	Camp Humphreys				
	51471	Barracks Complex - Camp Humphreys	14,500	14,500	C 473
		Combined Field Army			
	51621	Barracks Complex - Camp Stanley	28,000	28,000	C 477
	52954	General Instruction Building-Camp Jackson	6,100	6,100	N 481
		Eastern Corridor			
	52559	Barracks Complex - Camp Hovey	33,000	33,000	C 484
	53661	Sanitary Sewer System - Camp Hovey	2,750	2,750	C 488
	56069	Vehicle Maintenance Facility - Camp Casey	8,500	8,500	C 491
		Taegu			
	52518	Physical Fitness Training Ctr-Camp Carroll	8,593	8,593	C 495
	55729	Electrical Distribution Sys - Camp Carroll	8,000	8,000	C 498
		Subtotal Korea Various PART I	\$ 109,443	109,443	
		* TOTAL MCA FOR Korea	\$ 109,443	109,443	

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001
3. INSTALLATION AND LOCATION  Korea Various Korea			4. COMMAND  Eighth United States Army			5. AREA CONSTRUCTION COST INDEX  1.13	
6. PERSONNEL STRENGTH:							
	PERMANENT		STUDENTS			SUPPORTED	
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	0	0	0	0	0	0	0
B. END FY 2006	4335	31238	22711	0	0	0	58,284
7. INVENTORY DATA (\$000)							
A. TOTAL AREA.....			0 ha			(0 AC)	
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							0
C. AUTHORIZATION NOT YET IN INVENTORY.....							461,724
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							109,443
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							154,900
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							94,000
G. REMAINING DEFICIENCY.....							580,040
H. GRAND TOTAL.....							1,400,107
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:							
CATEGORY PROJECT		PROJECT TITLE		COST	DESIGN STATUS		
CODE	NUMBER			(\$000)	START	COMPLETE	
721	51471	Barracks Complex - Camp Humphreys		14,500	05/2000	07/2001	
721	51621	Barracks Complex - Camp Stanley		28,000	05/2000	09/2001	
740	52518	Physical Fitness Training Ctr-Camp Carroll		8,593	03/2000	09/2001	
721	52559	Barracks Complex - Camp Hovey		33,000	05/2000	09/2001	
171	52954	General Instruction Building-Camp Jackson		6,100	06/2001	04/2002	
832	53661	Sanitary Sewer System - Camp Hovey		2,750	06/2001	04/2002	
812	55729	Electrical Distribution Sys - Camp Carroll		8,000	07/2001	04/2002	
214	56069	Vehicle Maintenance Facility - Camp Casey		8,500	07/2001	04/2002	
TOTAL				109,443			
9. FUTURE PROJECT APPROPRIATIONS:							
CATEGORY		PROJECT TITLE		COST			
CODE				(\$000)			
A. INCLUDED IN THE FY 2003 PROGRAM:							
721	Barracks Complex - Camp Carroll			24,200			
721	Barracks Complex - K-16 Airfield			41,000			
721	Barracks Complex - Camp Walker			12,600			
721	Barracks Complex - Camp Humphreys			37,000			
721	Barracks Complex - Yongsan			11,600			
721	Barracks Complex - Camp Hovey			28,500			
TOTAL				154,900			

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001								
INSTALLATION AND LOCATION: Korea Various Korea										
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>The Eighth United States Army (EUSA) exercises command and control over all assigned EUSA units. Organizes, equips, trains, and employs forces assigned to ensure optimum readiness for combat operations. Attains and maintains a posture of combat readiness to deter successfully any attack upon the Republic of Korea (ROK). If deterrence fails, EUSA will conduct sustained Army, joint, and combined military operations to defeat the enemy. Provides logistical and administrative support for forces, including Headquarters, United Nations Command (HQ UNC), in order to fulfill the operational requirements of ROK-US CFC and USFK. Provides support to other commands, agencies, services, nonassigned US Army forces and ROK armed forces as directed by higher authority.</p>										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									
<p>REMARKS :</p> <p>The estimated cost to remedy the deficiencies in all existing permanent and semi-permanent facilities at this installation is \$1,328,937,000, based on the Installation Status Report Information on conditions as of October 2000.</p>										

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Camp Humphreys Camp Humphreys, Korea			4.PROJECT TITLE Barracks Complex - Camp Humphreys			
5.PROGRAM ELEMENT 22496A		6.CATEGORY CODE 721	7.PROJECT NUMBER 51471		8.PROJECT COST (\$000) Auth            14,500 Approp         14,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,601
Barracks		m2 (SF)	5,014 ( 53,969)		1,513	(7,586)
Piling Foundation		LS	--		--	(260)
Antiterrorism Force Protection		LS	--		--	(238)
Utilities Upgrade		LS	--		--	(3,245)
IDS Installation		LS	--		--	(14)
Building Information Systems		LS	--		--	(258)
<u>SUPPORTING FACILITIES</u>						1,366
Electric Service		LS	--		--	(72)
Water, Sewer, Gas		LS	--		--	(110)
Paving, Walks, Curbs & Gutters		LS	--		--	(72)
Storm Drainage		LS	--		--	(13)
Site Imp( 522) Demo( )		LS	--		--	(522)
Information Systems		LS	--		--	(470)
Antiterrorism/Force Protection		LS	--		--	(71)
5,000 gal Cap Fuel oil storage		LS	--		--	(36)
ESTIMATED CONTRACT COST						12,967
CONTINGENCY PERCENT (5.00%)						<u>648</u>
SUBTOTAL						13,615
SUPV, INSP & OVERHEAD (6.50%)						<u>885</u>
TOTAL REQUEST						14,500
TOTAL REQUEST (ROUNDED)						14,500
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a modified standard-design barracks standard design, piling foundation and elevated water storage tank. Upgrade the electrical distribution system. Anti-terrorism/force protection measures include barriers, laminated glass, blast-resistant door and window frames, ballistic obscuring, and seismic detailing. Supporting facilities include underground utilities; paving, walks, curbs and gutters; parking; storm drainage; fuel oil storage tanks; information systems; site improvements and testing for disposal of fluids and electrical equipment. Heating will be provided by self-contained oil-fired systems. Air conditioning: 110 tons. Comprehensive interior design is required. Access for the handicapped will be provided.						
11. REQ:                    6,026 PN    ADQT:                    3,560 PN    SUBSTD:                    2,466 PN						
PROJECT: Construct a modified standard-design barracks and upgrade infrastructure. (Current Mission)						
REQUIREMENT: This project is required to provide barracks with current Army standards for unaccompanied personnel housing that comply with improved living conditions and increase security and individual privacy. This project is urgently needed to meet the needs of units at Camp Humphreys. Intended utilization is 145 enlisted personnel. Maximum utilization for the barracks is						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Camp Humphreys, Camp Humphreys, Korea		
4. PROJECT TITLE  Barracks Complex - Camp Humphreys	5. PROJECT NUMBER  51471	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>232 personnel. The elevated water tank is the last of four identical tanks that will replace the existing elevated tanks. These tanks will be high enough and large enough to meet the known future requirements of the installation. This upgrade is urgently needed to meet the needs of the installation.</p> <p><u>CURRENT SITUATION:</u> Many soldiers are housed in substandard, and overcrowded barracks that do not meet the minimum living area and privacy requirements of current Army standards. These substandard facilities have gang latrines and deteriorated heating systems, do not provide adequate security for soldiers personal and military issue items, waste energy, and are becoming structurally unsound. Many soldiers must be housed on-post due to mission requirements, which forces over crowding. The present condition of the electrical, water, and signal distribution infrastructure is undersized and antiquated. The overall condition of the electrical distribution system is considered dangerous. The distribution equipment, line conductors, and hardware are old and deteriorated. The conductors are badly corroded and have multiple splices from repairs over the years. Many of the line switches are inoperative and are bypassed. The system is unbalanced and requires realignment between the various feeders due to growth of the installation that was not considered when the system was originally laid out. The distribution voltage of 5.7 KV is not the Korean standard of 22.9 KV which makes it less efficient and complicates maintenance due to nonstandard system components. Extended unscheduled power outages due to system overloading and component failures are common. Voltage drop and fluctuations are excessive. Scheduled power outages occur frequently due to system maintenance. No means of sectionalizing to avoid power outages during maintenance exist. All planned construction of future facilities cannot be supported by the existing system. The existing elevated water tanks are too low and do not have sufficient total capacity to provide adequate fire protection for all areas of Camp Humphreys. The communications lines have reached the point of frequent failures due to system loading over capacity. This is especially true for sensitive communication needs of Zoekler Station.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, unaccompanied soldiers will continue to live in barracks which lack authorized living space; properly functioning heating and cooling systems; adequately sized utilities; safety and security components; and other features that don't provide security, privacy, and comfort for soldiers according to current Army standards. Wasteful energy consumption and high maintenance expenditures will continue on buildings that have surpassed their useful life. Current conditions create a negative impact on soldiers morale and unit readiness, and undermine efforts to retain quality soldiers in the Army. The electrical, water, and communications infrastructure will continue to deteriorate. Maintenance will be complicated and delayed by continued use of older, non-standard system components. These situations will persist and adversely affect unit readiness and quality of life for soldiers. There will continue to be inadequate water pressure and storage to provide fire protection to some</p>		



1. COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Camp Humphreys, Camp Humphreys, Korea

4. PROJECT TITLE  Barracks Complex - Camp Humphreys	5. PROJECT NUMBER  51471
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... NOV 2001
- (5) Construction Start..... DEC 2001
- (6) Construction Completion..... NOV 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>(\$000)</u>	

NA

Installation Engineer: Bart Mirabel  
Phone Number: DSN 753-6050

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Camp Stanley Combined Field Army, Korea				4.PROJECT TITLE Barracks Complex - Camp Stanley		
5.PROGRAM ELEMENT 22496A		6.CATEGORY CODE 721	7.PROJECT NUMBER 51621		8.PROJECT COST (\$000) Auth                    28,000 Approp                28,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						23,076
Barracks, 2 EA		m2 (SF)	9,388 ( 101,052)		1,435	(13,470)
Company Operations Facilities		m2 (SF)	3,096 ( 33,325)		1,320	(4,085)
Antiterrorism Force Protection		LS	--		--	(925)
Piling Foundation		LS	--		--	(442)
IDS Installation		LS	--		--	(53)
Total from Continuation page						(4,101)
<u>SUPPORTING FACILITIES</u>						1,833
Electric Service		LS	--		--	(225)
Water, Sewer, Gas		LS	--		--	(151)
Paving, Walks, Curbs & Gutters		LS	--		--	(106)
Storm Drainage		LS	--		--	(81)
Site Imp( 449) Demo( 188)		LS	--		--	(637)
Information Systems		LS	--		--	(252)
Antiterrorism/Force Protection		LS	--		--	(267)
Fuel Oil Storage Tanks 6,500 Ga		LS	--		--	(114)
ESTIMATED CONTRACT COST						24,909
CONTINGENCY PERCENT (5.00%)						<u>1,245</u>
SUBTOTAL						26,154
SUPV, INSP & OVERHEAD (6.50%)						<u>1,700</u>
TOTAL REQUEST						27,854
TOTAL REQUEST (ROUNDED)						28,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct two modified standard-design modified barracks; two standard-design duplex two-story medium company headquarters buildings; company operations facility and piling foundation. Install four intrusion detection systems (IDS). Total replacement required for conversion to a 22.9 KV primary distribution system to include upgraded feeders; switch gear, pad mounted transformers, poles, and underground feeder cables. Upgrade sewer treatment facility and sewer distribution system. Project also includes building information systems and intrusion detection system (IDS). Supporting facilities include utilities; security lighting; paving, walks, curbs and gutters; parking; storm drainage; site improvements; exterior information systems; and fuel oil storage tanks. Heating will be provided by oil-fired units and air conditioning (350 tons) by self-contained units. Demolish five buildings (1,313 m2) including removal and disposal of asbestos. Anti-terrorism/force protection (AT/FP) mitigation includes laminated glass, blast resistant doors and window frames, ballistic obscuring and seismic detailing. Comprehensive interior design services are required.						
11. REQ:		4,269 PN	ADQT:		1,205 PN	SUBSTD:                    3,064 PN
PROJECT: Construct a barracks complex and upgrade the electrical distribution system and waste water treatment facility/distribution system. (Current						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Camp Stanley, Combined Field Army, Korea

4. PROJECT TITLE Barracks Complex - Camp Stanley	5. PROJECT NUMBER 51621
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Electrical Distribution System	LS	--	--	(1,806)
Upgrade Sewer Treatment Fac.	LS	--	--	(1,578)
Building Information Systems	LS	--	--	(717)
			Total	4,101

PROJECT: (CONTINUED)

Mission)

REQUIREMENT: This project is required to provide barracks and company operations facilities to meet current Army standards. These facilities are urgently needed to meet the needs of the 2nd Infantry Division, including restationing actions. Intended utilization is 316 enlisted personnel. Maximum utilization for the barracks is 464 personnel. This project is also required to provide an upgraded electrical system by replacing deteriorated and antiquated electrical components and reconfiguration of the system to convert Camp Stanley to a 22.9 KV primary distribution system. This project will also provide an environmentally acceptable sewage treatment system.

CURRENT SITUATION: Many soldiers have to be housed in overcrowded and substandard barracks that do not provide the minimum net square footage required by current Army standards. These substandard facilities have gang latrines, deteriorated heating systems, do not provide adequate security for soldiers personal and military issue items, waste energy, and are becoming structurally unsound. They cannot be renovated to current standards. The 2nd Infantry Division soldiers are not authorized to live off-post due to mission requirements. These substandard conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve. The existing 5.7 KV US Army electrical distribution system in Camp Stanley consists of 1983 vintage transformers and switch gear, which is marginally capable of accommodating present requirements. The existing 5,000 KVA substation transformer is currently utilized at 90 percent of its electrical power capacity and cannot meet the anticipated increasing electrical demands in the future. The existing 25 KVA oil circuit breaker substation has reached its life expectancy and needs to be replaced with new upgraded vacuum circuit breakers. Replacement in kind is not feasible as oil type circuit breakers are no longer manufactured. The existing manual type 15 KV interrupter switches need to be replaced with new automatic electric type 25 KV interrupter switches. In addition, the final waste water effluent from Camp Stanley is discharging into nearby streams or rice paddies. The quality of the effluent from this installation does not meet Overseas Environmental Baseline Guidance Document (OEBGD) requirements and Host Nation environmental laws. The existing sewage system cannot support the additional personnel under

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
3.INSTALLATION AND LOCATION  Camp Stanley, Combined Field Army, Korea		
4.PROJECT TITLE  Barracks Complex - Camp Stanley	5.PROJECT NUMBER  51621	
<p><u>CURRENT SITUATION:</u>    (CONTINUED)</p> <p>the restationing plan.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, unit restationing actions cannot be executed. Unaccompanied soldiers will continue to live in barracks which lack authorized living space, properly functioning heating and cooling systems, adequately sized utilities, safety and security, privacy, and comfort. Wasteful energy consumption and high maintenance expenditures will continue with the buildings that have surpassed their useful life. Current conditions create a negative impact on soldiers morale and unit readiness, and undermine efforts to retain quality soldiers in the Army. The electric power supply to Camp Stanley will continue to suffer frequent power outages. Camp Stanley sewage treatment facility will continue to operate under violation of US Army OEBGD and Host Nation environmental laws/regulation. This will impact negatively on public health and safety of US Army personnel and Uijongbu citizens in and nearby Camp Stanley.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan and all required physical security measures are included. All required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. <u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. This project is located on an installation which will be retained by United States Forces Korea and Eighth United States Army for the foreseeable future. The possibility of Host Nation funding has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement. During the past two years, \$570K has been spent on sustainment, restoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Camp Stanley. Upon completion of this project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is for 2,600 personnel at maximum utilization at this installation.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>    (1) Status:</p> <p>        (a) Date Design Started..... <u>MAY 2000</u></p> <p>        (b) Percent Complete As Of January 2001..... <u>35.00</u></p> <p>        (c) Date 35% Designed..... <u>JAN 2001</u></p> <p>        (d) Date Design Complete..... <u>SEP 2001</u></p>		

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION  
Camp Stanley, Combined Field Army, Korea

4. PROJECT TITLE Barracks Complex - Camp Stanley	5. PROJECT NUMBER 51621
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Camp Stanley

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 665
- (b) All Other Design Costs..... 523
- (c) Total Design Cost..... 1,188
- (d) Contract..... 848
- (e) In-house..... 340

(4) Construction Contract Award..... JAN 2002

(5) Construction Start..... MAR 2002

(6) Construction Completion..... JUL 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>

NA

Installation Engineer: Drake Gibbs  
Phone Number: DSN 732-6225

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Camp Jackson Combined Field Army, Korea			4.PROJECT TITLE General Instruction Building-Camp Jackson			
5.PROGRAM ELEMENT		6.CATEGORY CODE 171	7.PROJECT NUMBER 52954		8.PROJECT COST (\$000) Auth                    6,100 Approp                 6,100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,761
General Instruction Building		m2 (SF)	2,619 ( 28,191)		1,559	(4,082)
Antiterrorism/Force Protection		LS	--		--	(512)
Building Information Systems		LS	--		--	(167)
<u>SUPPORTING FACILITIES</u>						656
Electric Service		LS	--		--	(65)
Water, Sewer, Gas		LS	--		--	(66)
Paving, Walks, Curbs & Gutters		LS	--		--	(72)
Storm Drainage		LS	--		--	(19)
Site Imp( 224) Demo( 122)		LS	--		--	(346)
Information Systems		LS	--		--	(14)
Antiterrorism/Force Protection		LS	--		--	(52)
Fuel Oil Storage Tank		LS	--		--	(22)
ESTIMATED CONTRACT COST						5,417
CONTINGENCY PERCENT (5.00%)						<u>271</u>
SUBTOTAL						5,688
SUPV, INSP & OVERHEAD (6.50%)						<u>370</u>
TOTAL REQUEST						6,058
TOTAL REQUEST (ROUNDED)						6,100
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a multi-story general instruction building. Supporting facilities include utilities; electric service; fire protection and alarm systems, paving, walks, curbs and gutters; storm drainage; fuel oil storage tank; information systems (including local area networks); and site improvements. Heating will be provided by oil-fired units. Air conditioning (75 tons) will be provided by self-contained units. Access for the handicapped will be provided. Demolish three buildings (396 m2) including asbestos removal and disposal. Anti-terrorism/force protection measures include building reinforcement, laminated glass, blast resistant doors and windows frames, ballistic obscuring and seismic detailing.						
11. REQ:		2,619 m2	ADQT:		NONE	SUBSTD:                    334 m2
PROJECT: Construct a general instruction building (208 students). (Current Mission)						
REQUIREMENT: This project is required to provide an adequate facility for the Primary Leadership Development Course (PLDC) for enlisted personnel. This facility will have 14 classrooms, and each classroom will have a maximum capacity of 16 students. Approximately 208 students attend PLDC per session.						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Camp Jackson, Combined Field Army, Korea

4. PROJECT TITLE  General Instruction Building-Camp Jackson	5. PROJECT NUMBER  52954
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CURRENT SITUATION: Students are currently instructed in the temporary classrooms in a 1960's-era maintenance bay that was converted into classrooms. The temporary classrooms are 20 feet by 40 feet and are very cramped for the amount of equipment, student desks and other furniture, and number of personnel in the classroom. The present student to instructor ratio exceeds the maximum by 75 percent, which requires an annual waiver from TRADOC. The existing Primary Leadership Development Course facilities are deteriorating beyond economic repair or upgrade.

IMPACT IF NOT PROVIDED: If this project is not provided, enlisted personnel will continue to be trained in overcrowded and inadequate classrooms. This will erode mission readiness and have an adverse impact on mission capabilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. This project is located on an installation which will be retained by United States Forces Korea and Eighth United States Army for the foreseeable future. The possibility of Host Nation funding has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JUN 2001
  - (b) Percent Complete As Of January 2001..... .00
  - (c) Date 35% Designed..... DEC 2001
  - (d) Date Design Complete..... APR 2002
  - (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ YES
  - (f) Type of Design Contract:
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 305

1.COMONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 30 JUN 2001
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3.INSTALLATION AND LOCATION  
Camp Jackson, Combined Field Army, Korea

4.PROJECT TITLE General Instruction Building-Camp Jackson	5.PROJECT NUMBER 52954
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs.....	<u>153</u>
(c) Total Design Cost.....	<u>458</u>
(d) Contract.....	<u>122</u>
(e) In-house.....	<u>336</u>
(4) Construction Contract Award.....	<u>AUG 2002</u>
(5) Construction Start.....	<u>OCT 2002</u>
(6) Construction Completion.....	<u>OCT 2003</u>

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: Robert H. Song  
Phone Number: DSN (315) 732-6225

1. COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE 30 JUN 2001	
3. INSTALLATION AND LOCATION Camp Hovey Eastern Corridor, Korea				4. PROJECT TITLE Barracks Complex - Camp Hovey		
5. PROGRAM ELEMENT 22496A		6. CATEGORY CODE 721	7. PROJECT NUMBER 52559	8. PROJECT COST (\$000) Auth                    33,000 Approp                33,000		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						26,136
Barracks		m2 (SF)	8,748 ( 94,163)		1,462	(12,789)
Company Operations Facilities		m2 (SF)	3,096 ( 33,325)		1,320	(4,085)
Brigade Headquarters Building		m2 (SF)	1,830 ( 19,698)		1,467	(2,684)
Battalion Headquarters Building		m2 (SF)	1,820 ( 19,590)		1,468	(2,671)
Antiterrorism Force Protection		LS	--		--	(1,552)
Total from Continuation page						(2,355)
<u>SUPPORTING FACILITIES</u>						3,626
Electric Service		LS	--		--	(577)
Water, Sewer, Gas		LS	--		--	(310)
Paving, Walks, Curbs & Gutters		LS	--		--	(203)
Storm Drainage		LS	--		--	(140)
Site Imp( 1,130) Demo( 634)		LS	--		--	(1,764)
Information Systems		LS	--		--	(252)
Antiterrorism/Force Protection		LS	--		--	(222)
Fuel Oil Storage Tanks, 6EA		LS	--		--	(158)
ESTIMATED CONTRACT COST						29,762
CONTINGENCY PERCENT (5.00%)						<u>1,488</u>
SUBTOTAL						31,250
SUPV, INSP & OVERHEAD (6.50%)						<u>2,031</u>
TOTAL REQUEST						33,281
TOTAL REQUEST (ROUNDED)						33,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction      Construct two modified standard-design barracks and four standard-design medium company operations facilities; Brigade Headquarters facility with a helipad; Battalion Headquarters facility with classrooms; and pile foundations. Install a total of six intrusion detection systems (IDS) for the Company, Battalion and Brigade Headquarters. Building information systems are required. Supporting facilities include utilities; security lighting; paving, walks, curbs and gutters; parking; storm drainage; fuel oil storage tanks; exterior information systems; and site improvements. Heating will be provided by oil-fired units and air conditioning (400 tons) by self-contained units. Demolish 11 buildings (3,175 m2) including removal and disposal of asbestos. Anti-terrorism/force protection include laminated glass, blast resistant doors and window frames, ballistic obscuring and seismic detailing. Comprehensive interior design services are required.						
11. REQ:		4,081 PN	ADQT:	2,218 PN	SUBSTD:	1,863 PN
PROJECT: Construct two barracks (200 persons (PN) each) and four company headquarters, a brigade headquarters, and a battalion headquarters. (Current Mission)						

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Camp Hovey, Eastern Corridor, Korea

4.PROJECT TITLE  Barracks Complex - Camp Hovey	5.PROJECT NUMBER  52559
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Helipad	m2 (SF)	232 ( 2,497)	144.37	(33)
Pile Foundations	LS	--	--	(1,391)
IDS Installation	LS	--	--	(80)
Building Information Systems	LS	--	--	(851)
			Total	2,355

REQUIREMENT: These facilities are urgently needed to meet the needs of units of the 2nd Infantry Division. Intended utilization is 294 enlisted personnel. Maximum utilization for the barracks is 400 personnel. This project is also required to provide adequate brigade headquarters building and battalion headquarters building which will meet current Army standards.

CURRENT SITUATION: Many soldiers have to be housed in overcrowded and substandard barracks that do not provide the minimum area required by current Army standards. These substandard facilities have gang latrines, deteriorated heating systems, inadequate security for soldiers personal and military issue items, waste energy, and are becoming structurally unsound. They cannot be renovated to current standards. The 2nd Infantry Division soldiers are not authorized to live off-post due to mission requirements. These substandard conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve. The 2nd Brigade headquarters is located in 14 Quonset huts in different locations that were built in 1956 and 1957. The 2/17 Field Artillery battalion operates out of a converted mess hall built in the early 1960s and the remaining staffs are located in Jumbo Quonset huts built in 1956. These facilities are old, leaking and rapidly deteriorating. They are becoming structurally unsound, and create unsafe conditions for continued operations. These temporary facilities cannot be upgraded to current standards and cannot support upgraded or modern equipment.

IMPACT IF NOT PROVIDED: If this project is not provided, unaccompanied soldiers will continue to live in barracks which lack authorized living space, properly functioning heating and cooling systems, adequate sized utilities, safety and security, privacy, and comfort for soldiers in accordance with current Army standards. In addition, the 2nd Brigade and 2/17 Field Artillery Battalion soldiers and officers will continue to work in overcrowded, substandard and various located Quonset huts without properly functioning electrical, heating and cooling systems. Safety and security will continue to be compromised. Wasteful consumption and high maintenance and operation expenditures will continue with these interim solution buildings that have surpassed their life expectancy. Current conditions will continue to create a negative impact on soldiers' and officers' morale and the Brigade mission and

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Camp Hovey, Eastern Corridor, Korea

4. PROJECT TITLE  Barracks Complex - Camp Hovey	5. PROJECT NUMBER  52559
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IMPACT IF NOT PROVIDED: (CONTINUED)

its readiness.

ADDITIONAL: This project has been coordinated with the installation physical security plan and all required physical security measures are included. Also, all required antiterrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project has been determined to be the only feasible option to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. This project is located on an installation which will be retained by United States Forces Korea and Eighth United States Army for the foreseeable future. The possibility of Host Nation funding has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement. During the past two years, \$1.4M has been spent on sustainment, resoration and modernization (SRM) (formerly known as Real Property Maintenance) of unaccompanied enlisted personnel housing at Camp Hovey. Upon completion of this project and other projects approved through FY 2001, the remaining unaccompanied enlisted permanent party housing deficit is for 1,463 personnel at maximum utilization at this installation.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAY 2000
  - (b) Percent Complete As Of January 2001..... 35.00
  - (c) Date 35% Designed..... JAN 2001
  - (d) Date Design Complete..... SEP 2001
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Camp Hovey
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 761
  - (b) All Other Design Costs..... 652
  - (c) Total Design Cost..... 1,413
  - (d) Contract..... 963

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Camp Hovey, Eastern Corridor, Korea

4.PROJECT TITLE  Barracks Complex - Camp Hovey	5.PROJECT NUMBER  52559
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) In-house..... 450
- (4) Construction Contract Award..... JAN 2002
- (5) Construction Start..... MAR 2002
- (6) Construction Completion..... JUN 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: LTC,EN Mark Abernathy  
Phone Number: DSN 730-3659

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Camp Hovey Eastern Corridor, Korea	4. PROJECT TITLE Sanitary Sewer System - Camp Hovey
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5. PROGRAM ELEMENT 88911A	6. CATEGORY CODE 832	7. PROJECT NUMBER 53661	8. PROJECT COST (\$000) Auth 2,750 Approp 2,750
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				2,305
200mm Sewer Line (FM)	m (LF)	2,500 ( 8,202)	133.54	(334)
300mm Sewer Line	m (LF)	1,700 ( 5,577)	204.70	(348)
Sewer Manhole	EA	25 --	3,243	(81)
Sewage Lift Station (1000 GPM)	EA	4 --	317,489	(1,270)
Standby Generator	EA	3 --	49,366	(148)
Cut-Fill-Grade	m3 (CY)	5,000 ( 6,540)	24.70	(124)
<u>SUPPORTING FACILITIES</u>				151
Electric Service	LS	--	--	(112)
Paving, Walks, Curbs & Gutters	LS	--	--	(39)
ESTIMATED CONTRACT COST				2,456
CONTINGENCY PERCENT (5.00%)				123
SUBTOTAL				2,579
SUPV, INSP & OVERHEAD (6.50%)				168
TOTAL REQUEST				2,747
TOTAL REQUEST (ROUNDED)				2,750
INSTALLED EQT-OTHER APPROP				(0)

10. Description of Proposed Construction Construct sanitary sewer lines, manholes and lift stations that consist of flow monitoring devices, pumping units, pump drives, and system controls. Supporting facilities include utilities; electric service; alarm system for lift stations; exterior lighting; roadway and parking; paving, walks, curbs and gutters; and site improvements.

11. REQ: 16,310 m ADQT: NONE SUBSTD: 16,310 m  
PROJECT: Upgrade sewer system. (Current Mission)  
REQUIREMENT: This project is urgently required to increase the capacity of the sewer collection lines and lift stations.  
CURRENT SITUATION: The wastewater flow in many of the collection lines has exceeded its design capacity. Hydraulic overloads have caused the lift station effluent to be in violation of current US and Republic of Korea (ROK) environmental standards. The existing lift stations cannot accommodate the present or projected peak flows. Demands have sharply increased with the recent construction of barracks, company headquarters buildings, and vehicle maintenance facilities, etc. In addition, seven more barracks, one bachelor officers quarters, and other facilities will be constructed on Camp Hovey by 2003. The existing trunk sewer into the treatment plant was constructed in 1982 and cannot accommodate the projected demands.

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Camp Hovey, Eastern Corridor, Korea

4.PROJECT TITLE  Sanitary Sewer System - Camp Hovey	5.PROJECT NUMBER  53661
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IMPACT IF NOT PROVIDED: If this project is not provided, Camp Hovey will continue to discharge wastewater effluent and will continue to not be within US and ROK environmental standards. Lift stations will continue to overflow and sewer lines will surpass their design capacity. This environmental violation will have an adverse affect on US relations with its host nation and the local community.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during period development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. This project is located on an installation which will be retained by United States Forces Korea and Eighth United States Army for the foreseeable future. The possibility of Host Nation funding has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JUN 2001
  - (b) Percent Complete As Of January 2001..... .00
  - (c) Date 35% Designed..... DEC 2001
  - (d) Date Design Complete..... APR 2002
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract:
  
- (2) Basis:
  - (a) Standard or Definitive Design: NO
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 143
  - (b) All Other Design Costs..... 71
  - (c) Total Design Cost..... 214
  - (d) Contract..... 57
  - (e) In-house..... 157
  
- (4) Construction Contract Award..... AUG 2002

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Camp Hovey, Eastern Corridor, Korea
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4. PROJECT TITLE  Sanitary Sewer System - Camp Hovey	5. PROJECT NUMBER  53661
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... OCT 2002

(6) Construction Completion..... OCT 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: DANIEL J. RUSSEL  
Phone Number: DSN (315) 730-3659

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Camp Casey Eastern Corridor, Korea			4.PROJECT TITLE Vehicle Maintenance Facility - Camp Casey			
5.PROGRAM ELEMENT 22096A		6.CATEGORY CODE 214	7.PROJECT NUMBER 56069		8.PROJECT COST (\$000) Auth                    8,500 Approp                 8,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,129
Vehicle Maintenance Shop		m2 (SF)	1,444 ( 15,543)		1,687	(2,436)
Deployment Equip Storage		m2 (SF)	320 ( 3,444)		761.06	(244)
Oil Storage Building, Non-DOL/D		m2 (SF)	65 ( 699.65)		1,031	(67)
Sentry Station		m2 (SF)	50 ( 538.20)		2,083	(104)
Antiterrorism Force Protection		LS	--		--	(144)
Total from Continuation page						(2,134)
<u>SUPPORTING FACILITIES</u>						2,442
Electric Service		LS	--		--	(182)
Water, Sewer, Gas		LS	--		--	(198)
Paving, Walks, Curbs & Gutters		LS	--		--	(107)
Storm Drainage		LS	--		--	(276)
Site Imp( 1,023) Demo( 349)		LS	--		--	(1,372)
Information Systems		LS	--		--	(86)
Antiterrorism/Force Protection		LS	--		--	(200)
Fuel Oil Storage Tank		LS	--		--	(21)
ESTIMATED CONTRACT COST						7,571
CONTINGENCY PERCENT (5.00%)						<u>379</u>
SUBTOTAL						7,950
SUPV, INSP & OVERHEAD (6.50%)						<u>517</u>
TOTAL REQUEST						8,467
TOTAL REQUEST (ROUNDED)						8,500
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct one large size standard-design, two-story wheel and track vehicle maintenance shop; deployment equipment storage; oil storage building; petroleum, oils and lubricants (POL) storage area; platoon storage facility; and sentry station. Building information systems are required. Supporting facilities include utilities; electric service; security lighting; paving, walks, curbs and gutters; retaining wall; storm drainage; fuel oil storage tank; information systems; and site improvements. The cost of supporting facilities is high due to the large amount of earthwork required to develop the site and the asbestos cleanup for the building demolition. Heating will be provided by a self-contained oil-fired system. Air conditioning (30 tons) will be provided by a self-contained system. Demolish five buildings (2,215 m2). Anti-terrorism/Force Protection (AT/FP) includes laminated glass and vehicle barriers. Cost of AT/FP includes blast mitigation above blast minimum due to site constraints. Access for the handicapped will be provided.						
11. REQ:		25,816 m2	ADQT:		17,141 m2	SUBSTD:                    3,921 m2
PROJECT: Construct a standard-design large company wheel and track vehicle maintenance shop. (Current Mission)						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Camp Casey, Eastern Corridor, Korea

4. PROJECT TITLE  Vehicle Maintenance Facility - Camp Casey	5. PROJECT NUMBER  56069
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Water and Grit Separator	EA	1 --	57,579	(58)
Concrete Hardstand	m2 (SF)	18,250 ( 196,441)	88.57	(1,616)
Special Foundation	LS	--	--	(374)
IDS Installation	LS	--	--	(18)
Building Information Systems	LS	--	--	(68)
			Total	2,134

REQUIREMENT: This project will provide a suitable, modern and adequate maintenance facility at Camp Casey for the 82nd Engineer Company. The Engineer unit will relocate from Camp Edwards to Camp Casey during implementation of the US Forces Korea Land Partnership Plan (LPP). The LPP consolidates forces and returns a number of existing camps back to the Republic of Korea Government (ROKG).

CURRENT SITUATION: Existing facilities at Camp Edwards are to be turned over to the ROKG. The maintenance facility at Camp Casey currently reserved for the 82nd Engineer Company when it relocates is deteriorated, does not meet current standards and cannot be upgraded. Undersize shop bays force repair work on large equipment to be done outdoors, even during the harsh Korean winter. Substandard conditions have a significant negative impact on health, morale and mission readiness.

IMPACT IF NOT PROVIDED: If this project is not provided, the 82nd Engineer Company must endure extreme hardship in performing routine maintenance work. This substandard maintenance facility adversely impacts working conditions; increases safety and health hazards to personnel and equipment. Morale will continue to be negatively affected. Poor conditions hamper quality control and adversely impact readiness. Energy consumption and high maintenance expenditures will continue.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during period development. This project is the only feasible option to meet the requirement. The possibility of Host Nation funding has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement. Also, this project will use Sustainable Design features where possible. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been



1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  Camp Casey, Eastern Corridor, Korea
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4. PROJECT TITLE  Vehicle Maintenance Facility - Camp Casey	5. PROJECT NUMBER  56069
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12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: DANIEL J. RUSSELL, LTC (P), EN  
Phone Number: DSN (315) 730-3659

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Camp Carroll Taegu, Korea			4.PROJECT TITLE Physical Fitness Training Ctr-Camp Carroll			
5.PROGRAM ELEMENT  22496A		6.CATEGORY CODE  740	7.PROJECT NUMBER  52518		8.PROJECT COST (\$000) Auth                    8,593 Approp                 8,593	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,982
Physical Fitness Center		m2 (SF)	3,798 ( 40,881)		1,745	(6,626)
Antiterrorism Force Protection		LS	--		--	(266)
Building Information Systems		LS	--		--	(90)
<u>SUPPORTING FACILITIES</u>						703
Electric Service		LS	--		--	(82)
Water, Sewer, Gas		LS	--		--	(156)
Paving, Walks, Curbs & Gutters		LS	--		--	(102)
Storm Drainage		LS	--		--	(46)
Site Imp( 144) Demo( )		LS	--		--	(144)
Information Systems		LS	--		--	(40)
Antiterrorism/Force Protection		LS	--		--	(89)
Fuel Oil Storage Tank		LS	--		--	(44)
ESTIMATED CONTRACT COST						7,685
CONTINGENCY PERCENT (5.00%)						<u>384</u>
SUBTOTAL						8,069
SUPV, INSP & OVERHEAD (6.50%)						<u>524</u>
TOTAL REQUEST						8,593
TOTAL REQUEST (ROUNDED)						8,593
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a standard-design two-story physical fitness center, a basketball court, four handball and racquetball courts. Anti-terrorism/force protection measures include laminated glass, blast-resistant door and window frames, ballistic obscuring, and seismic detailing. Supporting facilities include utilities, security lighting, fire protection and alarm system, parking; fuel oil storage tanks; paving; walks, curbs and gutters; storm drainage; exterior information systems; and site improvements. Demolish one temporary golf driving range. Heating will be provided by a self-contained oil-fired system. Air conditioning (100 tons) will be provided by a self-contained system. Comprehensive interior design services are required. Access for the handicapped will be provided.						
11. REQ:		3,798 m2	ADQT:		NONE	SUBSTD:                    1,998 m2
PROJECT: Construct a standard-design physical fitness center. (Current Mission)						
REQUIREMENT: This project is required to provide an adequate physical fitness center. It will support the Army's overall sports development and physical fitness programs.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Camp Carroll, Taegu, Korea

4. PROJECT TITLE  Physical Fitness Training Ctr-Camp Carroll	5. PROJECT NUMBER  52518
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CURRENT SITUATION: The existing physical fitness center is deteriorated and in substandard condition. The mechanical and electrical systems are in constant need of repair and unable to provide adequate heating and cooling. Plumbing problems are common. The existing floor of the basketball court is beyond repair and requires complete replacement. The one weight room does not have adequate space, and soldiers must wait in line to use the equipment.

IMPACT IF NOT PROVIDED: If this project is not provided, the community will continue to experience a shortage of quality programs and activities that support and maintain the physical fitness of military personnel and the community-at-large. Without this facility, there will be a negative impact upon the health, well being, and overall quality-of-life.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. Also, all required anti-terrorism/force protection measures are included.

Alternative methods of meeting this requirement have been explored during project development. A parametric cost estimate was used to develop this budget estimate. This project has been determined to be the only feasible option to satisfy the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. This project is located on an installation which will be retained by United States Forces Korea and Eighth United States Army for the foreseeable future. The possibility of Host Nation funding has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... MAR 2000
- (b) Percent Complete As Of January 2001..... 35.00
- (c) Date 35% Designed..... JAN 2001
- (d) Date Design Complete..... SEP 2001
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build
- (g) An energy study and life cycle cost analysis will be documented during the final design.

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Camp Carroll

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION  
  
Camp Carroll, Taegu, Korea

4.PROJECT TITLE  Physical Fitness Training Ctr-Camp Carroll	5.PROJECT NUMBER  52518
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	406
(b) All Other Design Costs.....	212
(c) Total Design Cost.....	618
(d) Contract.....	_____
(e) In-house.....	618
(4) Construction Contract Award.....	MAR 2002
(5) Construction Start.....	APR 2002
(6) Construction Completion.....	APR 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: Michael O. Glenn, DPW  
Phone Number: DSN 765-8283

1. COMPONENT ARMY	FY 2002	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 30 JUN 2001
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3. INSTALLATION AND LOCATION Camp Carroll Taegu, Korea	4. PROJECT TITLE Electrical Distribution Sys - Camp Carroll
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5. PROGRAM ELEMENT 22096A	6. CATEGORY CODE 812	7. PROJECT NUMBER 55729	8. PROJECT COST (\$000) Auth 8,000 Approp 8,000
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				6,819
Switching Station	LS	--	--	(1,186)
UG Primary Distribution	m (LF)	7,716 ( 25,315)	446.34	(3,444)
UG Secondary Distribution	m (LF)	1,470 ( 4,823)	221.43	(326)
Transformer, pad mounted	kVA(KVA)	12,600 ( 12,600)	106.03	(1,336)
Sectional Switches 25 kV pad mt	EA	6 --	28,917	(174)
Total from Continuation page				(353)
<u>SUPPORTING FACILITIES</u>				363
Paving, Walks, Curbs & Gutters	LS	--	--	(163)
Site Imp( 200) Demo( )	LS	--	--	(200)
ESTIMATED CONTRACT COST				7,182
CONTINGENCY PERCENT (5.00%)				359
SUBTOTAL				7,541
SUPV, INSP & OVERHEAD (6.50%)				490
TOTAL REQUEST				8,031
TOTAL REQUEST (ROUNDED)				8,000
INSTALLED EQT-OTHER APPROP				(0)

10. Description of Proposed Construction Upgrade the electrical distribution system as phase 1 of 3 phases to include switching station, primary and secondary distribution lines, sectional switches and pad-mounted transformers. Supporting facilities include paving, walks, curbs, gutters and site improvements. Provide testing for disposal of fluids and electrical equipment.

11. REQ: 41,000 m ADQT: NONE SUBSTD: 36,576 m  
PROJECT: Upgrade the electrical distribution system. (Current Mission)  
REQUIREMENT: This project is urgently needed to preclude conditions, which will jeopardize soldiers' health, life and safety. This project is required to provide an adequate electrical distribution system to support existing facilities and planned future construction on Camp Carroll.  
CURRENT SITUATION: The distribution voltage of 5.7kVA is obsolete and does not match the Korean 22.9kVA standard Voltage supplied by the Korea Electric Power Company. This complicates and delays maintenance and repair due to the difficulty in obtaining non-standard system components, which increases the costs. The existing electrical system consists of nine circuits. In a master plan prepared by the Corps of Engineers in 1999, all circuits were adequate. Circuits 1 through 5 will become overloaded when new construction increases significantly in these areas. All existing distribution lines are overhead,

1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  30 JUN 2001
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3.INSTALLATION AND LOCATION

Camp Carroll, Taegu, Korea

4.PROJECT TITLE

Electrical Distribution Sys - Camp Carroll

5.PROJECT NUMBER

55729

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
UG Ducts 2-way 6" duct	m (LF)	1,200 ( 3,937)	122.41	(147)
Conc encase 6" duct	m (LF)	1,200 ( 3,937)	100.14	(120)
Trench/Backfill	m3 (CY)	1,200 ( 1,570)	35.68	(43)
Electric Manhole 8' x 8'	EA	9 --	4,820	(43)
			Total	353

CURRENT SITUATION: (CONTINUED)

which is not in compliance with current Eighth US Army standard.

IMPACT IF NOT PROVIDED: If this project is not provided, maintenance and repair of the electrical system will continue to be complicated, dangerous and delayed by having to use non-standard system components. Maintenance and repair costs will continue to increase on these electrical distribution components that have surpassed their useful life. Some future facilities planned for construction will not have dependable electrical service available. These situations will persist and adversely affect unit readiness and quality of life and safety for soldiers and their families.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and no physical security measures are required. No anti-terrorism/force protection measures are required. Alternative methods of meeting this requirement have been explored during period development. This project is the only feasible option to meet the requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. A parametric cost estimate was used to develop this budget estimate. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. This project is located on an installation which will be retained by United States Forces Korea and Eighth United States Army for the foreseeable future. The possibility of Host Nation funding has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUL 2001
- (b) Percent Complete As Of January 2001..... .00
- (c) Date 35% Designed..... DEC 2001

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
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3. INSTALLATION AND LOCATION  
  
Camp Carroll, Taegu, Korea

4. PROJECT TITLE  Electrical Distribution Sys - Camp Carroll	5. PROJECT NUMBER  55729
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... APR 2002
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract:

(2) Basis:

- (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

- (a) Production of Plans and Specifications..... 420
- (b) All Other Design Costs..... 210
- (c) Total Design Cost..... 630
- (d) Contract..... 168
- (e) In-house..... 462

(4) Construction Contract Award..... AUG 2002

(5) Construction Start..... OCT 2002

(6) Construction Completion..... OCT 2003

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: Michael O. Glenn, DPW  
Phone Number: DSN 765-8283

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION PAGE
-----	-----	-----	-----	-----	-----
Kwajalein		Kwajalein Atoll (USASDC)			503
		Kwajalein Atoll			
	50846	Cold Storage Warehouse	11,000	11,000	C 505
		Subtotal Kwajalein Atoll PART I	\$ 11,000	11,000	
		* TOTAL MCA FOR Kwajalein	\$ 11,000	11,000	

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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE 30 JUN 2001			
3. INSTALLATION AND LOCATION  Kwajalein Atoll Kwajalein			4. COMMAND  US Army Space & Missile Defense Command			5. AREA CONSTRUCTION COST INDEX  2.33				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	16	6	39	0	0	0	0	0	1530	1,591
B. END FY 2006	17	7	10	0	0	0	0	0	1501	1,535
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	1,444 ha		(3,568 AC)							
B. INVENTORY TOTAL AS OF 30 SEP 2000.....										1,838,038
C. AUTHORIZATION NOT YET IN INVENTORY.....										138,604
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....										11,000
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....										0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....										0
G. REMAINING DEFICIENCY.....										45,350
H. GRAND TOTAL.....										2,032,992
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT		PROJECT TITLE		COST (\$000)		DESIGN STATUS				
CODE	NUMBER					START	COMPLETE			
432	50846	Cold Storage Warehouse		11,000		05/2000	09/2001			
				TOTAL		11,000				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY		PROJECT TITLE		COST (\$000)						
CODE										
A. INCLUDED IN THE FY 2003 PROGRAM: NONE										
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
10. MISSION OR MAJOR FUNCTIONS:										
Provide technical and logistical support for on-site ballistic missile defense research and development programs. Provide technical support for strategic offensive weapon system development and operational testing. Collect data on objects in space. Maintain and foster relationships with the Government of the Republic of the Marshall Islands.										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:										
									(\$000)	
A. AIR POLLUTION									0	
B. WATER POLLUTION									0	
C. OCCUPATIONAL SAFETY AND HEALTH									0	

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE 30 JUN 2001
INSTALLATION AND LOCATION: Kwajalein Atoll Kwajalein		
REMARKS : This is not an ISR installation. This is not an ISR installation.		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein			4.PROJECT TITLE Cold Storage Warehouse			
5.PROGRAM ELEMENT 65301A		6.CATEGORY CODE 432	7.PROJECT NUMBER 50846		8.PROJECT COST (\$000) Auth                    11,000 Approp                 11,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Cold Storage Warehouse		m2 (SF)	2,044 ( 22,000)		3,552	7,275 (7,260)
Building Information Systems		LS	--		--	(15)
<u>SUPPORTING FACILITIES</u>						2,473
Electric Service		LS	--		--	(445)
Water, Sewer, Gas		LS	--		--	(161)
Paving, Walks, Curbs & Gutters		LS	--		--	(833)
Storm Drainage		LS	--		--	(198)
Site Imp( 467) Demo( 363)		LS	--		--	(830)
Information Systems		LS	--		--	(6)
ESTIMATED CONTRACT COST						9,748
CONTINGENCY PERCENT (5.00%)						<u>487</u>
SUBTOTAL						10,235
SUPV, INSP & OVERHEAD (6.50%)						<u>665</u>
TOTAL REQUEST						10,900
TOTAL REQUEST (ROUNDED)						11,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      Construct a cold storage warehouse and a contiguous ice plant. Supporting facilities include utilities; fire protection and alarm systems; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Refrigeration load: 200 tons. Air conditioning: 20 tons. Demolish four buildings (18,240 SF) with asbestos abatement.						
11. REQ:                    2,044 m2    ADQT:                    NONE                    SUBSTD:                    1,700 m2						
PROJECT: Construct a cold storage warehouse and an ice plant. (Current Mission)						
REQUIREMENT: This project is required to provide sufficient cold storage of perishable goods, while replacing inefficient, failing facilities that no longer meet storage codes. Approximately 2,600 residents are supported. Some 25,000 condensed cubic feet in perishable goods arrive once a month, which must be broken down, separated and binned. Due to the extreme isolation of the installation, a 60 day emergency supply must be maintained to cover delays, postponement or cancellation of surface vessels. The warehouse volume, which has three tier shelving, forklift maneuvering and breakdown areas, is 315,000 cubic feet.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  30 JUN 2001
--------------------------	---	----------------------------

3. INSTALLATION AND LOCATION  
  
Kwajalein Atoll, Kwajalein

4. PROJECT TITLE  Cold Storage Warehouse	5. PROJECT NUMBER  50846
--	--------------------------------

CURRENT SITUATION: Currently, only 45 days worth of perishable goods are stored in three warehouses, constructed in 1951, 1953, and 1968. They have a total cubic footage of only 112,100 where 315,000 is needed to accommodate the full 60 day reserve and material handling equipment. This limited storage capacity is expanded by use of storage methods that restrict air movement. Stacks to the ceiling cause uneven cooling which conflicts with code. The three separate warehouses cause inefficient operations. None of the warehouses accommodate forklifts. All items must be manually transferred from shipping vans to the storage facility. The existing refrigeration units and facilities are failing and are not able to maintain proper temperatures. The temperature fluctuation result in spoilage of perishable goods with associated health hazards. The units use the refrigerant R-12 and experience frequent loss to the atmosphere of this ozone depleting chemical. An extensive maintenance and repair program is being used to prevent complete failure.

IMPACT IF NOT PROVIDED: If this project is not provided, the failing warehouses will continue to be supplemented by refrigeration vans with associated escalating cost. Operations will continue to be labor intensive and expensive. Spoilage of foodstuffs and greater dependence on supplies by air, with the added expense, will continue to occur.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security measures are included. No anti-terrorism/force protection measures are required. An economic analysis has been prepared and was utilized in evaluating this project. This project is the most cost effective method to satisfy the requirement. A parametric cost estimate was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAY 2000
  - (b) Percent Complete As Of January 2001..... 50.00
  - (c) Date 35% Designed..... NOV 2000
  - (d) Date Design Complete..... SEP 2001
  - (e) Parametric Cost Estimating Used to Develop Costs YES
  - (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: NO

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  30 JUN 2001
------------------------	---	---------------------------

3.INSTALLATION AND LOCATION  
  
Kwajalein Atoll, Kwajalein

4.PROJECT TITLE  Cold Storage Warehouse	5.PROJECT NUMBER  50846
---	-------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

(a) Production of Plans and Specifications.....	<u>600</u>
(b) All Other Design Costs.....	<u>50</u>
(c) Total Design Cost.....	<u>650</u>
(d) Contract.....	<u>400</u>
(e) In-house.....	<u>250</u>

(4) Construction Contract Award..... FEB 2002

(5) Construction Start..... MAR 2002

(6) Construction Completion..... FEB 2004

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: Gene M. Dohrman  
Phone Number: 805-355-3778

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DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
-----	-----	PROJECT	AUTHORIZATION	APPROPRIATION	
NUMBER	PROJECT TITLE		REQUEST	REQUEST	
-----	-----		-----	CURRENT	
				MISSION PAGE	
				-----	
Worldwide Various	Worldwide Various Locations (WORLDWD)				511
	Worldwide Various Locations				
53974	Classified Project		4,000	4,000	513
			-----	-----	
	Subtotal Worldwide Various Locations PART I		\$ 4,000	4,000	
	Minor Construction (MINEXG)				515
	Minor Construction				
47759	Unspecified Minor Construction		0	18,000	517
			-----	-----	
	Subtotal Minor Construction PART I		\$ 0	18,000	
	* TOTAL MCA FOR Worldwide Various		\$ 4,000	22,000	
	** TOTAL OUTSIDE THE UNITED STATES FOR MCA		\$ 247,743	265,743	

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1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Worldwide Various Locations Worldwide Various				4.PROJECT TITLE Classified Project		
5.PROGRAM ELEMENT 92798A		6.CATEGORY CODE 141	7.PROJECT NUMBER 53974		8.PROJECT COST (\$000) Auth                    4,000 Approp                 4,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Classified Project		LS	--		--	4,000 (4,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						4,000
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						4,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						4,000
TOTAL REQUEST (ROUNDED)						4,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      This project covers classified activities at various locations. Additional information concerning the requirements associated with this project will be provided Congress during the review of Military Construction, Army (MCA), Fiscal Year 2002, Authorization/Appropriation Request.						
11. REQ:                    NONE                    ADQT:                    NONE                    SUBSTD:                    NONE						
<u>PROJECT:</u> To be provided during Congressional review of MCA request. (Current Mission)						
<u>REQUIREMENT:</u> To be provided during Congressional review of MCA request.						
<u>CURRENT SITUATION:</u> To be provided during Congressional review of MCA request.						
<u>IMPACT IF NOT PROVIDED:</u> To be provided during Congressional review of MCA request.						

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1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Minor Construction Worldwide Various			4.PROJECT TITLE Unspecified Minor Construction			
5.PROGRAM ELEMENT 91211A		6.CATEGORY CODE	7.PROJECT NUMBER 47759		8.PROJECT COST (\$000) Auth Approp      18,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Unspecified Minor Construction		LS	--		--	18,000 (18,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						18,000
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						18,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						18,000
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Unspecified minor construction projects which have a funded cost of \$1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost limit is \$3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening.						
11. REQ:                      NONE      ADQT:                      NONE      SUBSTD:                      NONE						
<u>PROJECT:</u> Minor military construction, worldwide.						
<u>REQUIREMENT:</u> This project is required to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program.						
<u>CURRENT SITUATION:</u> These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, health, and safety. These projects cannot wait until the next annual budget submission.						
<u>IMPACT IF NOT PROVIDED:</u> Historical data on the Army's unforeseen urgent requirements supports a far higher funding level. However, due to extreme budget constraints, the level requested is considered the maximum currently affordable amount.						



DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 MILITARY CONSTRUCTION (PART I)  
 (DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)		AUTHORIZATION APPROPRIATION		
-----	PROJECT	-----	REQUEST	REQUEST	PAGE
	NUMBER	PROJECT TITLE	-----	-----	-----
	Worldwide Various	Planning and Design (PLANDES)			521
	40833	Host Nation Support	0	23,100	523
	54268	Planning and Design	0	134,098	525
		Subtotal Planning and Design PART I	\$ 0	157,198	
		* TOTAL MCA FOR Worldwide Various	\$ 0	157,198	
	** TOTAL WORLDWIDE FOR MCA		\$ 0	157,198	
	MILITARY CONSTRUCTION (PART I) TOTAL		\$ 1,558,673	1,760,541	

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1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  30 JUN 2001	
3.INSTALLATION AND LOCATION Planning and Design Planning and Design, Worldwide Various			4.PROJECT TITLE Host Nation Support			
5.PROGRAM ELEMENT  91211A		6.CATEGORY CODE	7.PROJECT NUMBER  40833		8.PROJECT COST (\$000) Auth Approp  23,100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Host Nation Support		LS	--		--	23,100 (23,100)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						23,100
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						23,100
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						23,100
TOTAL REQUEST (ROUNDED)						23,100
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      This item provides for criteria development, design surveillance and construction management services for projects, funded by foreign nations where US Forces are the sole or primary user as authorized by 10 USC 2807.						
11. REQ:                      NONE                      ADQT:                      NONE                      SUBSTD:                      NONE						
PROJECT: Planning and design funds.						
REQUIREMENT: This funding is required to represent US interests during the planning, design, and construction of projects funded by foreign governments, when US Forces are sole or primary users. The Host Nation Support funds are required to assure that the facilities provided conform to the Services' operational and mission needs, and to US life safety criteria. The Army is the executive agent for the Department of Defense for Host Nation Construction in the Pacific. These programs provide nearly all the new construction in Japan, and much of the new construction in Korea. Host Nation Support funds are also used to oversee payment-in-kind (PIK) projects in Europe, and NATO funds recoupment, and development of facility requirements for the proposed Okinawa facilities relocations. The US Army Corps of Engineers is responsible for providing the criteria, reviewing designs, and monitoring the construction. This effort costs less than three percent of the Host Nation Support						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
3. INSTALLATION AND LOCATION  Planning and Design, Worldwide Various		
4. PROJECT TITLE  Host Nation Support	5. PROJECT NUMBER  40833	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>construction placement. The three parts of the Host Nation Support effort are: Criteria Package Preparation - defines the functional requirements and specifies the health, fire, operational, functional, and life safety needs; Design Surveillance - ensures compliance with criteria packages, efficient operation and maintenance, and life safety, fire protection, and environmental compliance; Construction Management - ensures conformance to design documents, review submittals, monitors construction phasing for users, and protects against latent deficiencies.</p>		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE 30 JUN 2001	
3.INSTALLATION AND LOCATION Planning and Design Planning and Design, Worldwide Various			4.PROJECT TITLE Planning and Design			
5.PROGRAM ELEMENT 91211A		6.CATEGORY CODE	7.PROJECT NUMBER 54268		8.PROJECT COST (\$000) Auth Approp      134,098	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Planning and Design		LS	--		--	134,098 (134,098)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						134,098
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						134,098
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						134,098
TOTAL REQUEST (ROUNDED)						134,098
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      This item provides for: pre-concept (parametric), concept, preparation of requests for proposals for design-build projects; and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for Army facilities in conjunction with the Navy and Air Force.						
11. REQ:                      NONE      ADQT:                      NONE      SUBSTD:                      NONE						
PROJECT: Planning and design funds.						
REQUIREMENT: Funds are required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering and continued development of design criteria and standard designs (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineer (USACE) for districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2002 program; for advancement to final design of projects in FY 2003, and for initiation of design of projects in FY 2004. The funds request for the annual						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  30 JUN 2001
--------------------------	--	----------------------------

3. INSTALLATION AND LOCATION  
  
Planning and Design, Worldwide Various

4. PROJECT TITLE  Planning and Design	5. PROJECT NUMBER  54268
---	--------------------------------

REQUIREMENT: (CONTINUED)  
 planning and design requirement includes value engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.



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***Army Family Housing***  
*FY 2002*  
*Amended President's Budget*  
*Justification Data Submitted to Congress*

**Assistant Secretary of the Army  
(Financial Management & Comptroller)  
Army Budget Office  
109 Army Pentagon  
Washington, DC 20310-0109**

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ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
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ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 SUMMARY

(\$ in Thousands)

FY 2002 Budget Request	\$1,400,533
FY 2001 Appropriation	\$1,187,749

PURPOSE AND SCOPE

The Army Family Housing (AFH) Budget supports the operation, maintenance, leasing, privatization and construction of military family housing located worldwide. This budget supports the Army Family Housing Master Plan 2001 to be forwarded to Congress in July 2001. The Army's investment requirement to eliminate all inadequate family housing is estimated at \$6 billion through traditional military construction methods. By using a combination of traditional military construction, operations and maintenance support, as well as increased reliance on privatization, the Army plans to reach its goal by 2010.

PROGRAM SUMMARY

Authorization is requested for:

1. The performance of Family Housing Construction documented in this section, and
2. The appropriation of \$1,400,533,000 to fund
  - a. Family Housing Construction, Operation and
  - b. Certain other functions already authorized by law.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 SUMMARY (Continued)

CONSTRUCTION REQUEST

A summary of the Fiscal Year 2002 AFH funding program follows:

	(\$ in Thousands)	(\$ in Thousands)
CONSTRUCTION REQUEST		\$291,542
New Construction	59,200	
Post Acquisition Construction	220,750	
Advance Planning & Design	11,592	
OPERATION AND MAINTENANCE REQUEST		\$1,108,991
Operation	178,520	
Utilities	258,790	
Maintenance of Real Property	446,806	
Leasing - World-wide	196,956	
Privatization	27,918	
Mortgage Insurance Premiums	1	
TOTAL FAMILY HOUSING APPROPRIATION REQUEST		\$1,400,533
REIMBURSABLE PROGRAM		\$22,000
TOTAL FAMILY HOUSING PROGRAM		\$1,422,533

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 ARMY FAMILY HOUSING  
 NEW CONSTRUCTION (PART IIA)  
 (DOLLARS ARE IN THOUSANDS)  
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)		AUTHORIZATION	APPROPRIATION
-----	PROJECT	-----	REQUEST	REQUEST
	NUMBER	PROJECT TITLE	-----	-----
	-----	-----		
Alaska		Fort Wainwright (USARPAC)		
	46292	Family Housing Replacement Construction	12,000	12,000
		* TOTAL AFH FOR Alaska	\$ 12,000	12,000
Arizona		Fort Huachuca (TRADOC)		
	31434	Family Housing Replacement Construction	10,800	10,800
		* TOTAL AFH FOR Arizona	\$ 10,800	10,800
Kansas		Fort Leavenworth (TRADOC)		
	56034	Family Housing Replacement Construction	10,000	10,000
		* TOTAL AFH FOR Kansas	\$ 10,000	10,000
Texas		Fort Bliss (TRADOC)		
	50932	Family Housing Replacement Construction	13,600	13,600
		* TOTAL AFH FOR Texas	\$ 13,600	13,600
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 46,400	46,400

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 ARMY FAMILY HOUSING  
 NEW CONSTRUCTION (PART IIA)  
 (DOLLARS ARE IN THOUSANDS)  
 OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)		
-----	-----	AUTHORIZATION	APPROPRIATION
PROJECT	PROJECT TITLE	REQUEST	REQUEST
NUMBER	-----	-----	-----
-----	-----	-----	-----
Korea	Korea Various (EUSA)		
	* TOTAL AFH FOR Korea	\$ 12,800	12,800
	** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 12,800	12,800
	MILITARY CONSTRUCTION (PART IIA) TOTAL	\$ 59,200	59,200

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 ARMY FAMILY HOUSING  
 POST ACQUISITION (PART IIB)  
 (DOLLARS ARE IN THOUSANDS)  
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)		AUTHORIZATION	APPROPRIATION
-----	-----		REQUEST	REQUEST
PROJECT	PROJECT TITLE		-----	-----
NUMBER	-----		-----	-----
-----	-----		-----	-----
Alabama	Fort Rucker (TRADOC)			
50973	Family Housing Improvements		2,400	2,400
			-----	-----
	SUBTOTAL Fort Rucker PART IIB	\$	2,400	2,400
	* TOTAL AFH FOR Alabama	\$	2,400	2,400
District of Columbia	Walter Reed AMC (HSC)			
56860	Family Housing Privatization		100	100
			-----	-----
	SUBTOTAL Walter Reed AMC PART IIB	\$	100	100
	* TOTAL AFH FOR District of Columbia	\$	100	100
Georgia	Fort Stewart (FORSCOM)			
55179	Family Housing Privatization		37,800	37,800
			-----	-----
	SUBTOTAL Fort Stewart PART IIB	\$	37,800	37,800
	* TOTAL AFH FOR Georgia	\$	37,800	37,800
Kentucky	Fort Campbell (FORSCOM)			
55176	Family Housing Privatization		52,800	52,800
			-----	-----
	SUBTOTAL Fort Campbell PART IIB	\$	52,800	52,800
	* TOTAL AFH FOR Kentucky	\$	52,800	52,800
Maryland	Aberdeen Proving Ground (AMC)			
47859	Family Housing Improvements		1,050	1,050
			-----	-----
	SUBTOTAL Aberdeen Proving Ground PART	\$	1,050	1,050
	Fort Detrick (HSC)			
56858	Family Housing Privatization		1,200	1,200
			-----	-----
	SUBTOTAL Fort Detrick PART IIB	\$	1,200	1,200
	* TOTAL AFH FOR Maryland	\$	2,250	2,250

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 ARMY FAMILY HOUSING  
 POST ACQUISITION (PART IIB)  
 (DOLLARS ARE IN THOUSANDS)  
 INSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)		AUTHORIZATION	APPROPRIATION
-----	PROJECT	-----	REQUEST	REQUEST
	NUMBER	PROJECT TITLE	-----	-----
	-----	-----		
New Jersey		Picatinny Arsenal (AMC)		
	56857	Family Housing Privatization	500	500
		SUBTOTAL Picatinny Arsenal PART IIB	\$ 500	500
		* TOTAL AFH FOR New Jersey	\$ 500	500
New York		Fort Hamilton (TRADOC)		
	56859	Family Housing Privatization	2,200	2,200
		SUBTOTAL Fort Hamilton PART IIB	\$ 2,200	2,200
		United States Military Academy (USMA)		
	47413	Family Housing Improvements	9,400	9,400
		SUBTOTAL United States Military Acade	\$ 9,400	9,400
		* TOTAL AFH FOR New York	\$ 11,600	11,600
North Carolina		Fort Bragg (FORSCOM)		
	55079	Family Housing Privatization	50,000	50,000
		SUBTOTAL Fort Bragg PART IIB	\$ 50,000	50,000
		* TOTAL AFH FOR North Carolina	\$ 50,000	50,000
		** TOTAL INSIDE THE UNITED STATES FOR AFH	\$ 157,450	157,450

DEPARTMENT OF THE ARMY  
 FISCAL YEAR 2002  
 ARMY FAMILY HOUSING  
 POST ACQUISITION (PART IIB)  
 (DOLLARS ARE IN THOUSANDS)  
 OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)		AUTHORIZATION	APPROPRIATION
-----	PROJECT	-----	REQUEST	REQUEST
	NUMBER	PROJECT TITLE		
	-----	-----	-----	-----
Germany		Germany Various (USAREUR)		
	45985	Family Housing Improvements	14,400	14,400
	48282	Family Housing Improvements	3,600	3,600
	48751	Family Housing Improvements	5,200	5,200
	51002	Family Housing Improvements	6,600	6,600
	51987	Family Housing Improvements	12,600	12,600
	56544	Family Housing Improvements	5,300	5,300
			-----	-----
		SUBTOTAL Germany Various PART IIB	\$ 47,700	47,700
		* TOTAL AFH FOR Germany	\$ 47,700	47,700
Italy		Italy Various (USAREUR)		
		Vicenza		
	34752	Family Housing Improvements	11,600	11,600
			-----	-----
		SUBTOTAL Italy Various PART IIB	\$ 11,600	11,600
		* TOTAL AFH FOR Italy	\$ 11,600	11,600
Korea		Korea Various (EUSA)		
		Korea Various		
	56370	Family Housing Improvements	4,000	4,000
			-----	-----
		SUBTOTAL Korea Various PART IIB	\$ 4,000	4,000
		* TOTAL AFH FOR Korea	\$ 4,000	4,000
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 63,300	63,300
		MILITARY CONSTRUCTION (PART IIB) TOTAL	\$ 220,750	220,750

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ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 AUTHORIZATION AND APPROPRIATION LANGUAGE

AUTHORIZATION LANGUAGE

SEC. 2102. FAMILY HOUSING

(a) CONSTRUCTION AND ACQUISITION.--Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may construct or acquire family housing units (including land acquisition) at the installations, for the purposes, and in the amounts set forth in the following table:

Army: Family Housing

State	Installation	Purpose	Amount
Alaska	Fort Wainwright	32 units	12,000,000
Arizona	Fort Huachuca	72 units	10,800,000
Kansas	Fort Leavenworth	40 units	10,000,000
Texas	Fort Bliss	76 units	13,600,000
Korea	Camp Humphreys	54 units	12,800,000
		Subtotal	59,200,000

(b) PLANNING AND DESIGN.-- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may carry out architectural and engineering services and construction design activities with respect to the construction or improvement of family housing units in an amount not to exceed [\$6,542,000] \$11,592,000

SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2835 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(5)(A), the Secretary of the Army may improve existing military family housing in an amount not to exceed [\$63,590,000] \$220,750,000.

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE  
AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) IN GENERAL.

(5) For military family housing functions:

(A) For construction and acquisition, planning and design, and improvements of military family housing and facilities, [\$235,956,000] \$291,542,000.

(B) For support of military family housing (including the functions described in section 2833 of title 10, United States Code), and notwithstanding other provisions of law, for support of military family housing authorized in subchapter IV of title 10, United States Code [\$951,793,000] \$1,108,991,000.

APPROPRIATION LANGUAGE

For expenses of family housing for the Army for construction, including acquisition, replacement, addition, expansion, extension, alteration, and for operation and maintenance, including debt payment, leasing, privatization, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction [\$235,956,000] \$291,542,000 to remain available until [September 30, 2005] September 30, 2006; for Operation and Maintenance, and for debt payment [\$951,793,000] \$1,108,991,000; in all [\$1,187,749,000] \$1,400,533,000.

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE  
Items of Interest - MILCON Appropriations Committees

Appropriations Committee - Report #106-614

Sec. 128, Family Housing Master Plans

On page 027, the Committee directed the submission of a master plan showing how the Army plans to meet 2010 housing goals with traditional construction, operation and maintenance support, as well as privatization initiative proposals. The Family Housing Master Plan (FHMP) meets the 2010 housing goals.

General and Flag Officer Quarters, Maintenance and Repair

On page 028, the Committee directed the Services to notify Congress before spending more than \$25,000 per unit annually, on the maintenance and repair of any quarters. The Army will prepare notification as projects occur.

General and Flag Officers Quarters - Change in Occupancy Work

On page 028, the Committee directed the Services to notify Congress when maintenance and repair costs exceed budgeted amount by 25% or \$5000, whichever is less. The Army will prepare and provide the report when threshold is exceeded.

Asbestos and Lead-based paint removal

On page 030, the Committee directed the Services to notify Congress as required when asbestos and/or lead-based paint removal costs cause maintenance and repair thresholds to be exceeded. The Army will prepare notification as projects occur.

Fire Suppression

On page 030, the Committee directed the Army to ensure smoke detectors, alarms, and fire extinguishers are installed in all stairwell apartments in Germany and to report within 30 days of enactment. The Army completed this action on 22 August 2000 with a letter to Chairman Hobson from Mr. Apgar.

Housing Privatization Reporting Requirements

On page 036, the Committee directed that services may not enter into any contract unit after 45-day period beginning the date the Secretary concerned submits written notice of the nature and terms of the contract. The Army has the process in place to provide these reports as required within the congressionally designated suspense.

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE

Items of Interest - MILCON Appropriations Committees (continued)

## Appropriations Conference - Report #106-710

Sec 128, Family Housing Master Plan (see also 106-614, p 027)

On page 009, the Committee directed the Services to submit to the appropriate committees of the Congress by July 1, 2001, a Family Housing Master Plan demonstrating how they plan to meet the year 2010 housing goals with traditional construction, operation and maintenance support, as well as privatization initiative proposals. The Army is on track for a July submission.

DoD Family Housing Improvement Fund (Reporting Requirements)

On page 094, the Committee directed the Services to submit notice of the nature and terms of the privatization contracts following a 45-day review period. The Army process is in place to provide this report as required within the congressionally designated suspense.

## House Armed Services Committee - Report #106-616

Military Housing Privatization Initiative

On page 465, the Committee asked the Army to report findings including recommendations on the impact of military housing developed under the authority of subchapter IV, ch. 169 of title 10, U.S.C., at Fort Carson. SECDEF report. The Army is preparing to submit a report when the budget is sent to Congress, although it may be an interim with full details to follow.

## House of Representative Conference Committee - Report #106-945

Sec. 2803, Revision Report of Space Limitations for Military Family Housing

On page 431, the Committee directed the Army to report with each budget request annually, the information on the net floor area of each unit of military housing to be constructed, acquired, or improved under the authority. The Army is on track and will submit with the budget request.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 NEW CONSTRUCTION

(\$ in Thousands)	
FY 2002 Budget Request	\$59,200
FY 2001 Appropriation	\$165,824

PURPOSE AND SCOPE

This program provides for construction where analysis indicates it will be more economical to build new or replacement units rather than continue to utilize substandard and inadequate on/off post housing. Cost estimates include site preparation, demolition, construction, and initial outfitting with fixtures and integral equipment, along with associated facilities such as roads, driveways, walks, utility systems, and community facilities.

PROGRAM SUMMARY

Authorization is requested in FY 2002 for:

1. Construction of 274 family housing units including 54 new units where none currently exist and 220 units to replace 278 units which are not economical to revitalize and which will be demolished.
2. Appropriation in the amount of \$59,200,000 to fund construction of 274 family housing units and demolition of 278 existing family housing units.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 NEW CONSTRUCTION (Continued)

A summary of the requested new construction funding program for FY 2002 follows:

<u>Location</u>	<u>Mission</u>	<u>Number of Units</u>		<u>Amount (\$000)</u>
		<u>Constr.</u>	<u>Demolished</u>	
Deficit Reduction:				
Camp Humphreys, Korea	Current	54	0	12,800
Replacement:				
Fort Wainwright, AK	Current	32	48	12,000
Fort Huachuca, AZ	Current	72	80	10,800
Fort Leavenworth, KS	Current	40	40	10,000
Fort Bliss, TX	Current	76	110	13,600
TOTAL		274	278	59,200

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE JULY 2001																								
3. INSTALLATION AND LOCATION  Fort Wainwright Alaska	4. COMMAND  US Army Pacific	5. AREA CONSTRUCTION COST INDEX  2.01																								
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">6. PERSONNEL STRENGTH:</td> <td style="width:10%;">PERMANENT</td> <td style="width:10%;">STUDENTS</td> <td style="width:10%;">SUPPORTED</td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td>OFFICER ENLIST CIVIL</td> <td>OFFICER ENLIST CIVIL</td> <td>OFFICER ENLIST CIVIL</td> <td>TOTAL</td> <td></td> </tr> <tr> <td>A. AS OF 30 SEP 2000</td> <td>563 4258 666</td> <td>0 0 0</td> <td>6 44 1010</td> <td>6,547</td> <td></td> </tr> <tr> <td>B. END FY 2006</td> <td>546 4033 666</td> <td>0 0 0</td> <td>6 44 1010</td> <td>6,305</td> <td></td> </tr> </table>			6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED				OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL		A. AS OF 30 SEP 2000	563 4258 666	0 0 0	6 44 1010	6,547		B. END FY 2006	546 4033 666	0 0 0	6 44 1010	6,305	
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CODE																										
A.	INCLUDED IN THE FY 2003 PROGRAM:	NONE																								
B.	PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):	NONE																								
<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p style="margin-left: 40px;">The mission is to deploy rapidly worldwide in defense of United States national interests and objectives, and to defend the state of Alaska, including the Aleutian Islands, from any adversary.</p>																										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;"></th> <th style="width:30%;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0																
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B. WATER POLLUTION	0																									
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1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Fort Wainwright Alaska			4.PROJECT TITLE Family Housing Replacement Construction			
5.PROGRAM ELEMENT  88741A		6.CATEGORY CODE  711	7.PROJECT NUMBER  46292		8.PROJECT COST (\$000) Auth            12,000 Approp         12,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,214
Family Housing, Junior NCO 3-bd		FA	32 --		215,667	(6,901)
Arctic Insulation System		FA	32 --		37,125	(1,188)
Environ Mitigation (POL in soil		FA	32 --		1,000	(32)
Building Information Systems		LS	--		--	(93)
<u>SUPPORTING FACILITIES</u>						2,444
Electric Service		LS	--		--	(147)
Water, Sewer, Gas		LS	--		--	(101)
Steam And/Or Chilled Water Dist		LS	--		--	(135)
Paving, Walks, Curbs & Gutters		LS	--		--	(462)
Site Imp( 550) Demo( 698)		LS	--		--	(1,248)
Information Systems		LS	--		--	(351)
ESTIMATED CONTRACT COST						10,658
CONTINGENCY PERCENT (5.00%)						<u>533</u>
SUBTOTAL						11,191
SUPV, INSP & OVERHEAD (6.50%)						<u>727</u>
TOTAL REQUEST						11,918
TOTAL REQUEST (ROUNDED)						12,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization by replacement of 32 junior noncommissioned officer (NCO) units in the Southern Lights Community of Fort Wainwright. The project includes the demolition of six inadequate 8-plex structures that were constructed in 1952 and 1954 and are uneconomical to revitalize. The existing housing will be demolished to permit construction of replacement facilities on the existing site. Replacement will provide 32 three bedroom units of junior noncommissioned officer (JRNCO) family housing in variously configured multi-family structures. All units shall feature attached garages. The exterior elevations of the proposed facilities will incorporate, to the greatest extent possible, the architectural elements and themes adopted by the Fort Wainwright Housing Community Plan. Supporting facility work includes upgrading the existing electrical distribution system, asbestos abatement throughout existing utilidors, upgrades of the water distribution and sewerage system, along with the steam distribution and steam condensation return system, re-constructing the access street, constructing driveways, sidewalks and privacy fencing at the rear of each unit, constructing a neighborhood "Tot Lot" and neighborhood play area, re-vegetating and landscaping the neighborhood open spaces, and landscaping the neighborhood streetscapes. At least five percent of the quarters will be constructed such that they are accessible and easily						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE JULY 2001
----------------------	--	----------------------

3. INSTALLATION AND LOCATION  
Fort Wainwright, Alaska

4. PROJECT TITLE Family Housing Replacement Construction	5. PROJECT NUMBER 46292
---	----------------------------

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

modifiable to accommodate requirements of the handicapped. The coal-fired central plant supplies heating.

GRADE	NO. BEDROOM	NET AREA (SQ M)	PROJ FACTOR	\$/NSM	NO. UNITS	(\$000) TOTAL COST
JRNCO	3	139.4	1.758	880	32	6,901

PROJECT: Whole neighborhood revitalization by replacing 32 junior noncommissioned officer family housing units which are uneconomical to revitalize and demolishing 48 units. Replacement units shall meet current construction standards including supporting infrastructure, energy conservation and neighborhood amenities. (Current Mission)

REQUIREMENT: This project is required to improve the living conditions within the Southern Lights Neighborhood of Fort Wainwright, providing replacement family quarters, neighborhood amenities, and support facilities to meet current standards of quality of life, energy conservation, size, habitability, and safety.

CURRENT SITUATION: Fort Wainwright faces an acute housing quality predicament. The existing 8-plex housing inventory was constructed in the late 1940s and early 1950s. The housing units are significantly undersized, with JRNCO families living in 3-bedroom dwelling units of approximately 790-NSF and 2-bedroom dwelling units of approximately 650-NSF. These 48 to 50 year-old units have had no major improvements since original construction. Kitchens and bathrooms are poorly arranged, worn out, and need replacement. The units do not provide the additional 300-sf of indoor activity room authorized for this climate. They have only one bathroom, located on the second floor, and lack garages. Because of the small net living area, many families use the unfinished basements as children play areas and for storage. The basements provide no fire egress and were not designed or intended as living area. The existing structures have insufficient insulation, resulting in uneven heating which contributes to the excessively high energy costs experienced at the installation. While most asbestos insulation has been removed from the heating pipes over the last two decades, some remains in the basement spaces. Partition walls between units are not 2-hour fire rated and have no sound proofing, thus creating a "boarding house," rather than a private home atmosphere. Consequently, noise from adjoining units disrupts family life and sleep. Lack of fire proofing between units could lead to the loss of an entire building. Interior electrical systems are not consistent with current code requirements or the electrical needs of modern family living. Many of the utilities do not meet code requirements, and deterioration has begun to generate maintenance and reliability concerns. Overhead power and telephone lines are deteriorated, unsightly, and subject to ice damage. Many units do not have sidewalks or privacy fencing. Neighborhood recreational facilities

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  JULY 2001
3.INSTALLATION AND LOCATION  Fort Wainwright, Alaska		
4.PROJECT TITLE  Family Housing Replacement Construction	5.PROJECT NUMBER  46292	
<p><u>CURRENT SITUATION:</u>    (CONTINUED)</p> <p>consist of only two inadequate tot lots. The density of the housing units and the layout of central parking courts has resulted in crowded conditions with inadequate parking. Each unit has only one off-street parking space with no visitor parking available. On-street parking results in traffic congestion and difficulty in seeing children at play.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, service members will continue to reside in inadequate housing that does not provide an acceptable quality of life. The buildings are rapidly deteriorating, which adversely affects the health, safety, and quality of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, preventing achievement of the President's energy reduction goals.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives.</p> <p><u>JOINT USE CERTIFICATION:</u>    The Deputy Assistant Secretary of the Army (Installatioins and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer:    LTC Michael T. Meeks Phone Number:    907-353-7287</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT July 2001		2. FISCAL YEAR 2002		REPORT CONTROL SYMBOL P&L (AR) 1716			
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Fort Wainwright A02871			b. LOCATION Fort Wainwright AK 99703				
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT				PROJECTED			
		OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH		534	3,410	808	4,752	522	3,219	763	4,504
7. PERMANENT PARTY PERSONNEL		534	3,410	808	4,752	522	3,219	763	4,504
8. GROSS FAMILY HOUSING REQUIREMENTS		394	2,486	250	3,130	385	2,347	236	2,968
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		59	276	7	342				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		59	276	7	342				
10. VOLUNTARY SEPARATIONS		5	101	12	118	5	95	11	111
11. EFFECTIVE HOUSING REQUIREMENTS		389	2,385	238	3,012	380	2,252	225	2,857
12. HOUSING ASSETS (a + b)		362	2,192	231	2,785	353	2,059	218	2,630
a. UNDER MILITARY CONTROL		251	1,513	137	1,901	251	1,497	137	1,885
(1) Housed in Existing DOD Owned/Controlled		219	1,430	137	1,786	251	1,497	137	1,885
(2) Under Contract / Approved								0	0
(3) Vacant		32	83		115				
(4) Inactive									
b. PRIVATE HOUSING		111	679	94	884	102	562	81	745
(1) Acceptably Housed		111	679	94	884				
(2) Acceptable Vacant Rental									
13. EFFECTIVE HOUSING DEFICIT		27	193	7	227	27	193	7	227
14. PROPOSED PROJECT							32		32
15. REMARKS (Specify item number)									
Line 14: This project demolishes 48 uneconomical to revitalize Junior NCO units and replaces them with 32 Junior NCO units.									
Junior NCO                      32 3 Bedroom Units									

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM						2. DATE JULY 2001			
3. INSTALLATION AND LOCATION  Fort Huachuca Arizona			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  1.00				
6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000	604	3440	2094	402	2312	13	63	168	3970	13,066
B. END FY 2006	576	3250	1939	432	1931	6	63	142	3970	12,309
7. INVENTORY DATA (\$000)										
A. TOTAL AREA.....	41,087 ha			(101,529 AC)						
B. INVENTORY TOTAL AS OF 30 SEP 2000.....							1,669,731			
C. AUTHORIZATION NOT YET IN INVENTORY.....							29,149			
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....							10,800			
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....							0			
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....							0			
G. REMAINING DEFICIENCY.....							0			
H. GRAND TOTAL.....							1,709,680			
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:										
CATEGORY PROJECT						COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE				(\$000)	START	COMPLETE		
711	31434	Family Housing Replacement Construction				10,800	TURNKEY			
					TOTAL	10,800				
9. FUTURE PROJECT APPROPRIATIONS:										
CATEGORY						COST				
CODE	PROJECT TITLE				(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM: NONE										
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE										
10. MISSION OR MAJOR FUNCTIONS:										
<p>The current mission of Fort Huachuca is to provide logistical, administrative, legal, financial, supply, and community service support to tenant organizations including an Army Major Field Command (US Army Information Systems Command, USAISC), an USAISC Major Subcommand Headquarter element (Information Systems Engineering Command), 11th Signal Brigade, an Army Major Class II Activity (US Army Electronic Proving Ground), a Major TRADOC Activity (Army Intelligence Center and School), several Department of Defense Activities to include the Joint Test Element of the Joint Tactical Command, Control and Communications Agency, area AMC, TRADOC and FORSCOM Activities, and approximately 20 other tenant elements.</p>										

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE JULY 2001								
INSTALLATION AND LOCATION: Fort Huachuca Arizona										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%; text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
	(\$000)									
A. AIR POLLUTION	0									
B. WATER POLLUTION	0									
C. OCCUPATIONAL SAFETY AND HEALTH	0									

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Fort Huachuca Arizona			4.PROJECT TITLE Family Housing Replacement Construction			
5.PROGRAM ELEMENT  88741A		6.CATEGORY CODE  711	7.PROJECT NUMBER  31434		8.PROJECT COST (\$000) Auth            10,800 Approp        10,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,333
JR NCO/ENL, 3BR		FA	64 --		100,469	(6,430)
JR NCO/ENL,4BR		FA	8 --		112,875	(903)
<u>SUPPORTING FACILITIES</u>						2,456
Electric Service		LS	--		--	(227)
Water, Sewer, Gas		LS	--		--	(398)
Paving, Walks, Curbs & Gutters		LS	--		--	(606)
Site Imp( 681) Demo( 544)		LS	--		--	(1,225)
ESTIMATED CONTRACT COST						9,789
CONTINGENCY PERCENT (5.00%)						<u>489</u>
SUBTOTAL						10,278
SUPV, INSP & OVERHEAD (5.70%)						<u>586</u>
TOTAL REQUEST						10,864
TOTAL REQUEST (ROUNDED)						10,800
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization by replacement of 72 junior noncommissioned officer (JRNCO) Wherry family quarters originally constructed in 1963 to current standards. This is the first of a multi-phased program to upgrade the Pershing Plaza West family housing area. Construction consists of variously configured single and/or multi-unit, one and two story buildings. Dwellings will be factory built/manufactured houses and/or conventionally on-site constructed houses. The design includes frame construction with brick veneer, stucco or prefinished siding. Each unit will be provided with one garage and one uncovered off-street parking space. Project will provide individual heating and air conditioning units, hard wired interconnected smoke and carbon monoxide detectors, passive solar energy conservation features if cost effective, exterior storage, and all equipment and appliances for functional living units. Supporting facilities include all required utility services to include replacement of overhead electrical, telephone and cable TV lines with underground service; replacement of streets, curbs, gutters, walks, driveways, water mains and laterals, sewer lines, and gas laterals. Tot-lots, street lighting, security fencing, landscaping and signage will be provided. Existing housing will be demolished (80 units) to include asbestos and lead base paint abatement. At least five percent of units will be constructed such that they are accessible and easily modifiable to						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  JULY 2001
--------------------------	--	--------------------------

3. INSTALLATION AND LOCATION  
  
Fort Huachuca, Arizona

4. PROJECT TITLE  Family Housing Replacement Construction	5. PROJECT NUMBER  31434
---	--------------------------------

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
accommodate requirements of the handicapped.

Grade	No of Bedrooms	Gross Area (SQ M)	Project Factor	Unit Cost	No of Units	Total (\$000)
JRNCO	3	138	1.040	700	64	6,430
JRNCO	4	155	1.040	700	8	903
				Total	72	7,333

PROJECT: Whole neighborhood revitalization by replacing 72 junior noncommissioned officer family quarters including neighborhood amenities and supporting infrastructure to current standards, and demolition of 80 existing units. (Current Mission)

REQUIREMENT: This project is required to improve existing family housing living conditions for junior noncommissioned officers and their families by providing quarters that meet current standards of quality of life, energy conservation, size, habitability and safety. Existing units are deteriorated to the extent that they cannot be economically renovated to current standards.

CURRENT SITUATION: These 37 year old units had a major improvement in 1970's which improved to 1976 standards. Fifteen different floor plans can be found in this neighborhood. The average net square footage for two bedroom is only 876 NSF, while the three bedroom units have only 1115 NSF. The kitchens and bathrooms are poorly arranged, worn out and need replacement. The washer/dryer location on some of the plans is in the kitchen which creates congestion and an unsightly appearance. The electrical system is a two wire system, the circuits are fully utilized and the units lack sufficient outlets. No GFI's are present in the kitchen, bathrooms or exterior of the building. The streets are narrow with limited off street parking and the driveway and carports cannot accommodate two cars in some cases. Traffic congestion, including limited visitor parking, makes it difficult to see children at play. Telephone, TV cable and electric power are all overhead, very low and consistently being damaged by moving vans. These units have a stem wall with floating slabs which have large cracks due to improper compaction and settling. No steel or wire is found in the slabs, footers, or walls. Because the cement block walls have no zee bar, they have large cracks that have to be constantly regouted both inside and out. Aside from the cracks, the block walls have no insulation making these units very energy wasteful. The windows are single glaze and no longer fit the openings because the walls are continuously cracking. The gas, water and sewer mains are serviceable, but antiquated. The sewer and gas mains are on the same side of the street located in the middle of the yards. Trees have subsequently been planted over the location of the mains. The water main is on the opposite side of the street and also in the yards with landscaping problems. Recreation facilities are inadequate.

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  JULY 2001
3.INSTALLATION AND LOCATION  Fort Huachuca, Arizona		
4.PROJECT TITLE  Family Housing Replacement Construction	5.PROJECT NUMBER  31434	
<p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the quarters will continue to deteriorate with maintenance, repair and energy costs continuing to escalate. Occupants will continue to live in quarters that do not meet current standards, which adversely impacts the health, safety, and quality of life of these enlisted personnel and their families.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives.</p> <p><u>JOINT USE CERTIFICATION:</u>    The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer:    Mr. John A. Ruble Phone Number:    520-533-3141</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT July 2001		2. FISCAL YEAR 2002		REPORT CONTROL SYMBOL P&L (AR) 1716		
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION						
5. DATA AS OF		a. NAME Fort Huachuca A04005			b. LOCATION Fort Huachuca AZ 85613			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	1,048	4,614	1,227	6,889	1,045	4,144	1,102	6,291
7. PERMANENT PARTY PERSONNEL	796	2,790	742	4,328	771	2,619	696	4,086
8. GROSS FAMILY HOUSING REQUIREMENTS	520	1,893	185	2,598	504	1,777	174	2,455
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	29	279	16	324				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	29	279	16	324				
10. VOLUNTARY SEPARATIONS	34	110	6	150	33	103	5	141
11. EFFECTIVE HOUSING REQUIREMENTS	486	1,783	179	2,448	471	1,674	169	2,314
12. HOUSING ASSETS (a + b)	475	1,668	179	2,322	460	1,559	169	2,188
a. UNDER MILITARY CONTROL	171	1,568	136	1,875	256	1,352	152	1,760
(1) Housed in Existing DOD Owned/Controlled	153	1,404	120	1,677	256	1,352	152	1,760
(2) Under Contract / Approved							0	0
(3) Vacant	18	164	16	198				
(4) Inactive				0				
b. PRIVATE HOUSING	304	100	43	447	204	207	17	428
(1) Acceptably Housed	304	100	43	447				
(2) Acceptable Vacant Rental				0				
13. EFFECTIVE HOUSING DEFICIT	11	115	0	126	11	115	0	126
14. PROPOSED PROJECT						72		72
15. REMARKS (Specify item number)								
<p>Line 14: This project demolishes 80 uneconomical to repair units and replaces them with 72 Junior NCO units. There is a net reduction of 8 units to the inventory.</p> <p>Junior NCO                      8 4 Bedroom Units Junior NCO                      64 3 Bedroom Units</p>								

1. COMPONENT ARMY		FY 2002 MILITARY CONSTRUCTION PROGRAM					2. DATE JULY 2001				
3. INSTALLATION AND LOCATION  Fort Leavenworth Kansas			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  1.05					
6. PERSONNEL STRENGTH:											
		PERMANENT			STUDENTS			SUPPORTED			
		OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 2000		1065	1495	1320	1878	2	66	288	572	1648	8,334
B. END FY 2006		1072	1324	1206	1861	0	62	288	568	1668	8,049
7. INVENTORY DATA (\$000)											
A. TOTAL AREA.....		2,281 ha			(5,637 AC)						
B. INVENTORY TOTAL AS OF 30 SEP 2000.....											1,337,235
C. AUTHORIZATION NOT YET IN INVENTORY.....											12,150
D. AUTHORIZATION REQUESTED IN THE FY 2002 PROGRAM.....											10,000
E. AUTHORIZATION INCLUDED IN THE FY 2003 PROGRAM.....											0
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....											0
G. REMAINING DEFICIENCY.....											0
H. GRAND TOTAL.....											1,359,385
8. PROJECT APPROPRIATIONS REQUESTED IN THE FY 2002 PROGRAM:											
CATEGORY PROJECT							COST	DESIGN STATUS			
CODE	NUMBER	PROJECT TITLE					(\$000)	START	COMPLETE		
711	56034	Family Housing Replacement Construction					10,000	TURNKEY			
						TOTAL	10,000				
9. FUTURE PROJECT APPROPRIATIONS:											
CATEGORY							COST				
CODE	PROJECT TITLE					(\$000)					
A. INCLUDED IN THE FY 2003 PROGRAM:		NONE									
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY):		NONE									
10. MISSION OR MAJOR FUNCTIONS:											
Provides administrative and logistical support to US Army Command and General Staff College, US Army Disciplinary Barracks, US Army Combined Arms Center and other tenant organizations.											
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:											
							(\$000)				
A. AIR POLLUTION							0				
B. WATER POLLUTION							0				
C. OCCUPATIONAL SAFETY AND HEALTH							0				

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1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE JULY 2001	
3.INSTALLATION AND LOCATION Fort Leavenworth Kansas			4.PROJECT TITLE Family Housing Replacement Construction			
5.PROGRAM ELEMENT 88741A		6.CATEGORY CODE 711	7.PROJECT NUMBER 56034		8.PROJECT COST (\$000) Auth            10,000 Approp        10,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,068
3 Bedroom		FA	30 --		143,375	(4,301)
4 Bedroom		FA	8 --		164,000	(1,312)
3 Bedroom Handicap		FA	1 --		146,930	(147)
4 Bedroom Handicap		FA	1 --		167,510	(168)
Tornado Shelters		FA	40 --		3,500	(140)
<u>SUPPORTING FACILITIES</u>						2,702
Electric Service		LS	--		--	(311)
Water, Sewer, Gas		LS	--		--	(329)
Paving, Walks, Curbs & Gutters		LS	--		--	(516)
Storm Drainage		LS	--		--	(43)
Site Imp( 1,028) Demo( 475)		LS	--		--	(1,503)
ESTIMATED CONTRACT COST						8,770
CONTINGENCY PERCENT (5.00%)						<u>439</u>
SUBTOTAL						9,209
SUPV, INSP & OVERHEAD (5.70%)						525
DESIGN/BUILD - DESIGN COST						<u>331</u>
TOTAL REQUEST						10,065
TOTAL REQUEST (ROUNDED)						10,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization (WNR) by replacement of 40 field-grade officer family housing units constructed between 1959 and 1971, which are uneconomical to revitalize. This is phase 1A of a seven-phase program to replace 644 units and includes extension, modification and replacement of street and utility infrastructure, recreational facilities and landscaping to meet current construction standards. Existing housing (40 units) will be demolished (48,000 SF) after first constructing new units on adjacent open land. Demolition shall include asbestos and lead based paint abatement where required. Construction will consist of a variously configured duplex, one and two story buildings, which will be factory-built or conventionally constructed on-site to existing commercial standards. The design includes heating and air conditioning, appliances, garages, patios, tornado shelters, landscaping, streets, driveways, street lighting, utility services, storm drainage, recreational areas and walks. The project shall be based on local commercial standards and shall adopt sustainable design principles. At least five percent of the quarters will be constructed such that they are accessible or easily modifiable to accommodate requirements of the handicapped.						



1.COMONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  JULY 2001
3.INSTALLATION AND LOCATION  Fort Leavenworth, Kansas		
4.PROJECT TITLE  Family Housing Replacement Construction	5.PROJECT NUMBER  56034	
<p><u>IMPACT IF NOT PROVIDED:</u>    (CONTINUED)</p> <p>adversely affects the health, safety and quality of life of these field grade officers and their families. In addition, maintenance and energy costs will continue to accelerate, preventing achievement of the President's energy goals.</p> <p><u>ADDITIONAL:</u>    Utility and private companies will provide exterior telephone and cable TV information systems. This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security improvements are required. The life cycle cost analysis shows replacement construction to be more cost effective than all other feasible alternatives.</p> <p><u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer: LTC Harold Waugh Phone Number: 913-684-5646</p>		



1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE JULY 2001																																										
3. INSTALLATION AND LOCATION  Fort Bliss Texas	4. COMMAND  US Army Training and Doctrine Command	5. AREA CONSTRUCTION COST INDEX  0.91																																										
<p>6. PERSONNEL STRENGTH:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="3">PERMANENT</th> <th colspan="3">STUDENTS</th> <th colspan="3">SUPPORTED</th> <th rowspan="2">TOTAL</th> </tr> <tr> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> <th>OFFICER</th> <th>ENLIST</th> <th>CIVIL</th> </tr> </thead> <tbody> <tr> <td>A. AS OF 30 SEP 2000</td> <td>1561</td> <td>8284</td> <td>2169</td> <td>238</td> <td>2096</td> <td>3</td> <td>112</td> <td>261</td> <td>4201</td> <td>18,925</td> </tr> <tr> <td>B. END FY 2006</td> <td>1556</td> <td>9124</td> <td>1978</td> <td>189</td> <td>2358</td> <td>3</td> <td>112</td> <td>261</td> <td>4201</td> <td>19,782</td> </tr> </tbody> </table>				PERMANENT			STUDENTS			SUPPORTED			TOTAL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	A. AS OF 30 SEP 2000	1561	8284	2169	238	2096	3	112	261	4201	18,925	B. END FY 2006	1556	9124	1978	189	2358	3	112	261	4201	19,782
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<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>Provides support to the US Army Air Defense Center and School; William Beaumont Army Medical Center; US Army Sergeants Major Academy, and other tenant activities and units.</p>																																												
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1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Fort Bliss Texas				4.PROJECT TITLE Family Housing Replacement Construction		
5.PROGRAM ELEMENT  88741A		6.CATEGORY CODE  711	7.PROJECT NUMBER  50932		8.PROJECT COST (\$000) Auth            13,600 Approp        13,600	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,289
Family Housing, Senior NCO		FA	76 --		105,566	(8,023)
Passive Solar		EA	76 --		2,500	(190)
Ground Source Heat Pump		EA	76 --		1,000	(76)
<u>SUPPORTING FACILITIES</u>						3,997
Electric Service		LS	--		--	(528)
Water, Sewer, Gas		LS	--		--	(499)
Paving, Walks, Curbs & Gutters		LS	--		--	(302)
Storm Drainage		LS	--		--	(151)
Site Imp( 702) Demo( 1,701)		LS	--		--	(2,403)
Information Systems		LS	--		--	(114)
ESTIMATED CONTRACT COST						12,286
CONTINGENCY PERCENT (5.00%)						<u>614</u>
SUBTOTAL						12,900
SUPV, INSP & OVERHEAD (5.70%)						<u>735</u>
TOTAL REQUEST						13,635
TOTAL REQUEST (ROUNDED)						13,600
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization by replacement of 76 (48 three- bedroom and 28 four-bedroom) senior noncommissioned officer (NCO) family housing units constructed in 1951 which are uneconomical to revitalize. This is part of a multi-phased program to replace inadequate housing in this housing area. Work includes extension, modification and replacement of street and utility infrastructure on a new site, recreation facilities and landscaping to meet current standards. Construction will consist of variously configured single and/or multi-unit, one story buildings. The design includes passive solar features, heating and cooling by individual units, hard wired interconnected smoke detectors, appliances, landscaping, streets, carports or garages, driveways, street lighting, utility services, storm drainage, recreational areas, walks, perimeter and privacy fencing. Existing housing will be demolished (110 units) to include asbestos and lead-based paint removal/abatement. Site preparation includes demolition of existing streets, utilities, and foundations. At least five percent of the quarters will be constructed such that they are accessible and easily modifiable to accommodate requirements of the handicapped.						



1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  JULY 2001
3.INSTALLATION AND LOCATION  Fort Bliss, Texas		
4.PROJECT TITLE  Family Housing Replacement Construction	5.PROJECT NUMBER  50932	
<p>ADDITIONAL:            (CONTINUED)</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer: Col Dale Carr Phone Number: (915) 568-6200</p>		



1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROGRAM	2. DATE JULY 2001																																											
3. INSTALLATION AND LOCATION  Korea Various Korea	4. COMMAND  Eighth United States Army	5. AREA CONSTRUCTION COST INDEX  1.14																																											
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<p>10. MISSION OR MAJOR FUNCTIONS:</p> <p>The Eighth United States Army (EUSA) exercises command and control over all assigned EUSA units. Organizes, equips, trains, and employs forces assigned to ensure optimum readiness for combat operations. Attains and maintains a posture of combat readiness to successfully deter any attack upon the Republic of Korea. If deterrence fails, EUSA will conduct sustained Army, joint, and combined military operations to defeat the enemy. Provides logistical and administrative support for forces, including Headquarters, United Nations Command (HQ UNC), in order to fulfill the operational requirements of ROK-US and USFK. Provides support to other commands, agencies, services, nonassigned US Army forces and ROK armed forces as directed by higher authority.</p>																																													



1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE JULY 2001	
3.INSTALLATION AND LOCATION Camp Humphreys Camp Humphreys, Korea				4.PROJECT TITLE Family Housing New Construction		
5.PROGRAM ELEMENT 88741A		6.CATEGORY CODE 711	7.PROJECT NUMBER 51939		8.PROJECT COST (\$000) Auth            12,800 Approp        12,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Family Housing, Junior NCO/ENL		FA	54 --		173,370	10,071 (9,362)
Elevator		EA	3 --		117,458	(352)
Building Information Systems		LS	--		--	(357)
<u>SUPPORTING FACILITIES</u>						
Electric Service		LS	--		--	1,451 (115)
Water, Sewer, Gas		LS	--		--	(208)
Paving, Walks, Curbs & Gutters		LS	--		--	(153)
Storm Drainage		LS	--		--	(27)
Site Imp( 846) Demo( )		LS	--		--	(846)
Information Systems		LS	--		--	(102)
ESTIMATED CONTRACT COST						11,522
CONTINGENCY PERCENT (5.00%)						576
SUBTOTAL						12,098
SUPV, INSP & OVERHEAD (6.50%)						786
TOTAL REQUEST						12,884
TOTAL REQUEST (ROUNDED)						12,800
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Construct 54 junior enlisted multi-story apartment type family quarters with supporting infrastructure. This is phase 3 of a 3-phased program to construct a total of 174 units, and consists of 54 units in a five story building. This Phase 3 facility will have one service and two passenger elevators. Project will provide central hot water, heating and air conditioning, and all appliances, equipment and systems for functional living units. Fire protection will include sprinkler and alarm systems. A pile foundation is also required. Supporting facilities include all utilities, two water wells, earthwork, grading, parking, walks, curbs & gutters, area lighting, tot lots and multi-purpose courts. Comprehensive interior design services are requested. The American Forces Korea Network broadcasting antenna tower must be relocated into the clear/force protection zone, due to the shortage of land, in order to site the housing 150 feet away from the perimeter fence. At least five percent of the units will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped.						

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE JULY 2001
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3. INSTALLATION AND LOCATION  
Camp Humphreys, Camp Humphreys, Korea

4. PROJECT TITLE Family Housing New Construction	5. PROJECT NUMBER 51939
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DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

NUMBER GRADE	NO. OF BEDROOMS	GROSS AREA (SQ M)	PROJ FACTOR	\$/SQ M	NO. UNITS	(\$000) TOTAL COST
E1-E6	5	176	1.13	1,188	1	236
	4	154	1.13	1,188	5	1,034
	3	139	1.13	1,188	25	4,665
	2	111	1.13	1,188	23	3,427
					54	9,362

Note: \$/SQ M based on unit cost of barracks type construction.

PROJECT: Construct 54 junior enlisted multi-story apartment type family housing units including neighborhood amenities and supporting facilities. (Current mission)

REQUIREMENT: This project is required to provide adequate on-post family housing for command sponsored military and civilian personnel and their families.

CURRENT SITUATION: There are only six units of family housing at Camp Humphreys, with an additional 120 programmed for FY2000 (under construction) and FY2001. Command sponsored personnel and their families must live in apartments in nearby Korean communities. Housing in nearby Korean communities does not have potable water, and affordable housing does not meet minimum adequacy standards. These conditions adversely impact the quality of life and have a negative impact on mission readiness. Ground water is the only source of potable water for Camp Humphreys. Production of existing wells is decreasing and contamination was found recently in one well. In addition, two wells are off-post, exposing the entire potable water supply to contamination by terrorists. Additional wells also are required to accommodate the increased water demand caused by large unit stationing actions at Camp Humphreys, such as the fielding of an Apache brigade, re-stationing of Patriot units, and activation of two chemical companies.

IMPACT IF NOT PROVIDED: If this project is not provided, command sponsored/mission essential personnel will continue to live in substandard off-post housing and be exposed to force protection, safety and health risks. Mission accomplishment will be degraded by the dispersion of key personnel in off-post housing. Both family and mission will continually suffer from these reductions in quality of life.

ADDITIONAL: This project has been coordinated with the installation physical security plan and no anti-terrorism/force protection or physical security measures are required other than set back from the perimeter fence. Alternative methods of meeting this requirement have been analyzed during project development, and new construction is the only feasible option to meet the requirement. This project is located on an installation which will be retained by United States Forces Korea (USFK) and Eighth United States Army

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  JULY 2001
3.INSTALLATION AND LOCATION  Camp Humphreys, Camp Humphreys, Korea		
4.PROJECT TITLE  Family Housing New Construction	5.PROJECT NUMBER  51939	
<p>ADDITIONAL:        (CONTINUED)</p> <p>(EUSA) for the foreseeable future. This phase will complete this multi-building complex of family housing. The possibility of Host Nation funding for this project has been addressed, but sufficient funds from the Host Nation programs are not available to support this requirement.</p> <p>JOINT USE CERTIFICATION: The Deputy Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint us potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer: Mr. Jan Buzac Phone Number: DSN (315) 723-6051</p>		

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT July 2001		2. FISCAL YEAR 2002		REPORT CONTROL SYMBOL P&L (AR) 1716		
3. DOD COMPONENT ARMY		4. REPORTING INSTALLATION						
5. DATA AS OF		a. NAME Camp Humpherys KS208			b. LOCATION Pyongtack Korea			
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	OFFICER (a)	E9 - E4 (b)	E3 - E1 (c)	TOTAL (d)	OFFICER (e)	E9 - E4 (f)	E3 - E1 (g)	TOTAL (h)
6. TOTAL PERSONNEL STRENGTH	452	2,767	640	3,859	530	3,364	777	4,671
7. PERMANENT PARTY PERSONNEL	446	2,440	564	3,450	524	3,011	696	4,231
8. GROSS FAMILY HOUSING REQUIREMENTS	91	82	0	173	107	101	0	208
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	88	79	0	167				
a. INVOLUNTARILY SEPARATED				0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED				0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY	88	79		167				
10. VOLUNTARY SEPARATIONS	0	0	0	0	0	0	0	0
11. EFFECTIVE HOUSING REQUIREMENTS	91	82	0	173	107	101	0	208
12. HOUSING ASSETS (a + b)	3	3	0	6	90	36	0	126
a. UNDER MILITARY CONTROL	3	3	0	6	90	36	0	126
(1) Housed in Existing DOD Owned/Controlled	3	3		6	3	3		6
(2) Under Contract / Approved					87	33	0	120
(3) Vacant								
(4) Inactive								
b. PRIVATE HOUSING	0	0	0	0				0
(1) Acceptably Housed								
(2) Acceptable Vacant Rental								
13. EFFECTIVE HOUSING DEFICIT	88	79	0	167	17	65	0	82
14. PROPOSED PROJECT						54		54
15. REMARKS (Specify item number)								
<p>Line 8. Includes command sponsored military and 2 command sponsored civilian positions authorized family housing.</p> <p>Line 9. These are families in country that reside in inadequate rental housing in the Camp Humphery's area.</p> <p>This is the phase of a three phase project to construct 174 mid rise high density on-post housing units.</p> <p>Junior Enlisted:</p> <p>1 5 Bedroom Unit</p> <p>5 4 Bedroom Units</p> <p>25 3 Bedroom Units</p> <p>23 2 Bedroom Units</p>								

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 POST-ACQUISITION CONSTRUCTION

(\$ in Thousands)	
FY 2002 Budget Request	\$220,750
FY 2001 Appropriation	\$63,590

PURPOSE AND SCOPE

In FY 2002, the Army will operate and maintain an inventory of approximately 97,095 family housing units with an average life exceeding 30 years. Most of these units require major improvements, or revitalization, to meet contemporary living standards and to provide some of the modern amenities found in comparable community housing.

The Post-Acquisition Construction program also provides funding for privatization loans, loan guarantees and investments. It uses alternative authorities for improvement of military housing, and traditional revitalization of military family housing units that are more economical to renovate rather than replace. The proposed investment in privatization and post-acquisition construction will increase the useful life of the revitalized units by 35 years and concurrently reduce maintenance and repair requirements. Privatization will provide revitalized facilities at a more rapid rate than traditional procedures permit. Privatization projects are included in this request.

The Army continues to emphasize the "whole neighborhood" revitalization concept. Our program considers the requirement of the total neighborhood that includes the dwelling units, supporting utility systems, energy conservation, roads, playgrounds and community facilities. The result eliminates much of the existing stereotypical construction, improves quarters to contemporary standards, and provides functional units in more attractive housing areas.

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE  
POST-ACQUISITION CONSTRUCTION (continued)

Eight overseas, post-acquisition construction projects are included in this request. Although the Army relies on host nation support or residual value contributions to improve housing located overseas, the requested projects are the most critical projects not identified for funding through these programs.

PROGRAM SUMMARY

Authorization is requested for appropriation for whole neighborhood revitalization, privatization and improvements to 14,404 units. Projects exceeding the statutory funding limitation (10 USC 2825) of \$50,000 per dwelling unit (adjusted by the area construction cost factor) are documented by the DD Forms 1391 which follow this summary. These projects are listed in the following table:

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 POST-ACQUISITION CONSTRUCTION (continued)

<u>Location</u>	<u>Historic</u>	<u>Type</u>	<u>No. of Units</u>	<u>Amount (\$000)</u>
Traditional construction:				
Fort Rucker, AL	No	JNCO	28	2,400
Aberdeen PG, MD	No	SNCO	10	1,050
West Point, NY	No	F/CGO	51	9,400
Ansbach, GE	No	SNCO	128	14,400
Stuttgart, GE	No	CGO/SNCO	30	3,600
Stuttgart, GE	No	CGO/SNCO	45	5,200
Vicenza, IT	No	SO/SGO/NCO	156	11,600
Yongsan, KR	No	SO/SNCO	<u>17</u>	<u>4,000</u>
Subtotal			465	51,650

Projects which do not exceed the statutory funding limitation (10 USC 2825) of \$50,000 per dwelling unit (adjusted by the area construction cost factor) are listed below:

Baumholder, GE	No	CGO/JNCO	188	5,300
Darmstadt, GE	No	SNCO	180	6,600
Wiesbaden, GE	No	CGO/NCO	<u>432</u>	<u>12,600</u>
Subtotal			800	24,500

Privatization:

Fort Bragg, NC	Some	All Grades	4,744	50,000
WRAMC, DC	Some	All Grades	221	100
Fort Hamilton, NY	Some	All Grades	436	2,200
Fort Detrick, MD	Some	All Grades	155	1,200
Picatinny Arsenal, NJ	Some	All Grades	116	500
Fort Campbell, KY	Some	All Grades	4,540	52,800
Fort Stewart/Hunter AAF, GA	Some	All Grades	<u>2,927</u>	<u>37,800</u>
			13,139	144,600

Total Post-Acquisition 14,404 220,750

Type: FGO - Field Grade Officer CGO - Company Grade Officer  
 SNCO - Senior NCO JNCO - Junior NCO  
 SO - Senior Officer

FUNDING SUMMARY

<u>Construction Improvements Program (\$000)</u>	<u>Requested Authorization Amount (\$000)</u>
\$220,750	\$220,750

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1.COMPONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE JULY 2001	
3.INSTALLATION AND LOCATION Various Locations - Continental and Overseas			4.PROJECT TITLE Army Family Housing Post Acquisition Construction			
5.PROGRAM ELEMENT 88742A	6.CATEGORY CODE 711	7.PROJECT NUMBER AFH		8.PROJECT COST (\$000) Auth                    220,750 Approp                220,750		
9.COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
Post Acquisition Construction Improvements			LS		76,150	
Privatization using Alternative Authorities for Improvement			LS		144,600	
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)			LS		0	
TOTAL					220,750	
10.Description of Proposed Construction						
<p>These projects provide for both privatization and needed revitalization of family housing units that do not meet current standards for livability, maintainability and energy efficiency. Revitalization projects provide for renewal of the whole neighborhood which considers the dwelling unit and supporting infrastructure. Work within the house considers upgrading kitchens (to include dishwashers, garbage disposals and range hoods) and bathrooms, installation of new half-baths (where required), increasing net living area to provide adequate space, where required, comparable to the private sector, installation of central air conditioning and heating systems including, as required, relocation of ductwork, increased insulation, exterior storage, patios and covered parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.</p>						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Various Locations - Continental and Overseas		
4. PROJECT TITLE Army Family Housing Post Acquisition Construction	5. PROJECT NUMBER	
<p>11. REQUIREMENTS: The numerous acquisitions of the post war period have left a legacy of houses that are over thirty five years old which require major revitalization. The improvement requirements of the inventory have increased faster than prior years programs have met. Consequently, there is an on going requirement to renew and upgrade quarters including upgrading/replacement of the supporting infrastructure and recreational facilities. Units must be revitalized/improved due to age and obsolescence as contemporary standards have evolved. Since units are fully occupied and in high demand, accomplishing the program requires that a systematic revitalization effort be maintained. Units have deteriorated support systems and size/functionality deficiencies that are not adequate for today's family. Privatization will support this program using alternative authorities for improvement.</p> <p>IMPACT IF NOT PROVIDED: The desired/required improvements to our service members' quality of life will not be realized. Family housing units and supporting systems will continue to be used as is with increasing obsolescence, recurring maintenance costs and unnecessarily high energy use. The President's goal of 30% energy reduction between 1985 and 2005 will not be met. Soldiers and their families will continue to live in quarters that are below acceptable standards, affecting their duty performance and adversely impacting on the Army's mission. Without privatization, the OSD goal of bringing all family quarters up to current standards by 2010 will not be met.</p>		

1.COMONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  JULY 2001																																																																				
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<p>DESCRIPTION OF WORK TO BE ACCOMPLISHED</p> <p>Country/State Installation and Project</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;"></th> <th style="width: 15%; text-align: center;">Post Acquisition Construction -----</th> <th style="width: 15%; text-align: center;">ECIP -----</th> <th style="width: 10%; text-align: center;">CWE (\$000)  Total -----</th> </tr> </thead> <tbody> <tr> <td colspan="4">Italy ( Note: All projects are priced at \$1 = 1.1967 EURO)</td> </tr> <tr> <td colspan="4">  Vicenza</td> </tr> <tr> <td>    (Project Number 34752)</td> <td style="text-align: center;">11,600</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Whole neighborhood revitalization of field grade officer, company grade officer and junior and senior noncommissioned officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 156 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>Installation Total</td> <td></td> <td></td> <td style="text-align: right;">11,600</td> </tr> <tr> <td>Italy Total</td> <td></td> <td></td> <td style="text-align: right;">11,600</td> </tr> <tr> <td colspan="4">Korea ( Note: All projects are priced at \$1 = 1,349.50001, WON)</td> </tr> <tr> <td colspan="4">  Korea Various</td> </tr> <tr> <td>    (Project Number 56370)</td> <td style="text-align: center;">4,000</td> <td></td> <td></td> </tr> <tr> <td colspan="4">Whole house revitalization of senior officer and senior noncommissioned officer family housing to current standards including energy conservation - 17 units. (Separate DD Form 1391 is attached).</td> </tr> <tr> <td>Installation Total</td> <td></td> <td></td> <td style="text-align: right;">4,000</td> </tr> <tr> <td>Korea Total</td> <td></td> <td></td> <td style="text-align: right;">4,000</td> </tr> <tr> <td>OVERSEAS TOTALS</td> <td style="text-align: center;">63,300</td> <td></td> <td style="text-align: right;">63,300</td> </tr> <tr> <td>Total USA and Overseas</td> <td style="text-align: center;">220,750</td> <td></td> <td style="text-align: right;">220,750</td> </tr> </tbody> </table>				Post Acquisition Construction -----	ECIP -----	CWE (\$000)  Total -----	Italy ( Note: All projects are priced at \$1 = 1.1967 EURO)				Vicenza				(Project Number 34752)	11,600			Whole neighborhood revitalization of field grade officer, company grade officer and junior and senior noncommissioned officer family housing to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 156 units. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).				Installation Total			11,600	Italy Total			11,600	Korea ( Note: All projects are priced at \$1 = 1,349.50001, WON)				Korea Various				(Project Number 56370)	4,000			Whole house revitalization of senior officer and senior noncommissioned officer family housing to current standards including energy conservation - 17 units. (Separate DD Form 1391 is attached).				Installation Total			4,000	Korea Total			4,000	OVERSEAS TOTALS	63,300		63,300	Total USA and Overseas	220,750		220,750
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1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Fort Rucker Alabama			4.PROJECT TITLE Family Housing Improvements			
5.PROGRAM ELEMENT  88742A		6.CATEGORY CODE  711	7.PROJECT NUMBER  50973		8.PROJECT COST (\$000) Auth                    2,400 Approp                 2,400	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Revitalize 3 BR JRENL		FA	28 --		61,849	1,797 (1,732)
Storage Building		EA	28 --		2,321	(65)
<u>SUPPORTING FACILITIES</u>						
Electric Service		LS	--		--	347 (184)
Water, Sewer, Gas		LS	--		--	(25)
Paving, Walks, Curbs & Gutters		LS	--		--	(48)
Storm Drainage		LS	--		--	(6)
Site Imp(     84) Demo(     )		LS	--		--	(84)
ESTIMATED CONTRACT COST						2,144
CONTINGENCY PERCENT (5.00%)						<u>107</u>
SUBTOTAL						2,251
SUPV, INSP & OVERHEAD (5.70%)						<u>128</u>
TOTAL REQUEST						2,379
TOTAL REQUEST (ROUNDED)						2,400
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization of 28 junior enlisted three bedroom, one-story duplex Capehart family quarters constructed in 1960, to comparable new construction standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes increasing the net square footage to current standards, interior modifications to improve the floor plan, redesign and upgrade of the kitchen, adding a pantry and second dining area, and adding a shower to the existing half bath. Existing full bathrooms will be remodeled and floor covering will be replaced throughout. Insulate to current energy standards and replace heating and cooling systems with energy efficient equipment. Upgrade electrical system including fixtures to current standards. Install new interior and exterior doors and hardware, insulated windows, mini-blinds and exterior vinyl siding. Repair plumbing, replace roofing and paint throughout. Asbestos and lead-based paint have been identified in all quarters and abatement will be accomplished. Upgrade landscaping, streetlights, and storm drainage. Repair utility lines (water and sewer), and place electrical and telephone lines underground. Provide additional parking and sidewalks.						
<u>PROJECT:</u> Whole neighborhood revitalization of 28 junior enlisted quarters to include neighborhood amenities, supporting facilities, and energy conservation						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Fort Rucker, Alabama		
4. PROJECT TITLE  Family Housing Improvements	5. PROJECT NUMBER  50973	
<p><u>PROJECT:</u> (CONTINUED)</p> <p>improvements to current construction standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these family quarters to provide adequate standards of size, energy efficiency, comfort, habitability, safety, and to extend the useful life of these quarters.</p> <p><u>CURRENT SITUATION:</u> These one story quarters consist of 28 three bedroom units at 1,080 net square feet (101 net square meters). These 40 year old units have had no major improvements since original construction, but are structurally sound. Asbestos and lead-based paint have been identified in all units and pose a hazard to occupants and workers. The kitchens are inadequately sized and do not have a second eating area. Cabinets and fixtures have deteriorated. There are an insufficient number of bath and shower facilities in these units, and existing bathroom fixtures are worn out. Heating and cooling systems must be replaced; existing air distribution is inadequate. Electrical systems are deteriorated and undersized. Units do not have adequate sidewalks, privacy fencing, carports, parking, or storage. Overhead utility lines are deteriorated, suffer from storm damage and need to be underground. Storm water runoff ponds in streets and around houses due to inadequate drainage. This project includes all work required to bring these units up to current standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate housing which will continue to deteriorate. This adversely affects the health, safety and quality of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, precluding attainment of the President's directive on energy reduction. The units will continue to deteriorate, becoming uneconomical to revitalize and requiring complete replacement.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p> <p><u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer: COL Kenneth H. Clow Phone Number: (334) 255-2113</p>		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Walter Reed AMC District of Columbia			4.PROJECT TITLE Family Housing Privatization			
5.PROGRAM ELEMENT  88742A		6.CATEGORY CODE	7.PROJECT NUMBER  56860		8.PROJECT COST (\$000) Auth                    100 Approp                 100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Family Housing Privatization		FA	221 --		452.00	100 (100)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						100
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						100
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						100
TOTAL REQUEST (ROUNDED)						100
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      During FY 2002, the Army will privatize family housing at Walter Reed Army Medical Center, Washington, DC. Privatization may include revitalization, demolition, replacement and/or new construction, with operation and management of family housing functions. The requested funding will provide for the Army's equity contribution for the privatization of Walter Reed. IAW 10 USC, Section 2883, scoring funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) prior to award of any privatization contract requiring such funding.						
<u>PROJECT:</u> Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)						
<u>REQUIREMENT:</u> This funding is required to provide the Army's equity contribution for the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.						



1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Fort Stewart Georgia			4.PROJECT TITLE Family Housing Privatization			
5.PROGRAM ELEMENT  88742A	6.CATEGORY CODE  711	7.PROJECT NUMBER  55179		8.PROJECT COST (\$000) Auth            37,800 Approp         37,800		
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Privatize Family Housing		FA	2,927 --		12,914	37,799 (37,799)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						37,799
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						37,799
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						37,799
TOTAL REQUEST (ROUNDED)						37,800
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      During FY 2002, the Army will privatize family housing at Fort Stewart and Hunter Army Airfield, Georgia. Privatization may include revitalization, demolition, replacement and/or new construction, with operation and management of family housing functions. The requested funding will provide for the Army's equity contribution for the privatization of Fort Stewart and Hunter Army Airfield. IAW 10 USC, Section 2883, scoring funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) prior to award of any privatization contract requiring such funding.						
<u>PROJECT:</u> Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)						
<u>REQUIREMENT:</u> This funding is required to provide the Army's equity contribution for the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.						

1. COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Fort Stewart, Georgia		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  55179	
<p><u>CURRENT SITUATION:</u>    The existing inventory includes a significant number of units that are in excess of 35 years old and require revitalization and/or replacement in order to bring them up to current standards. The Army's Family Housing Master Plan (FHMP) indicates that 2,230 of Fort Stewart and Hunter Army Airfield's inventory of 2,927 units are inadequate. The Army's Installation Status Report (ISR) indicates that approximately 72% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of ensuring adequate family housing by 2010, adversely affecting the health, safety and quality of life of the occupants.</p> <p><u>ADDITIONAL:</u>    Privatization of family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. If for any reason privatization cannot be accomplished or is financially infeasible, the Army will execute an improvement project for 280 enlisted family quarters at the programmed amount of this project.</p> <p><u>JOINT USE CERTIFICATION:</u>    The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer:    Col Gregory V. Stanley Phone Number:    (912) 767-8356</p>		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE JULY 2001	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky			4.PROJECT TITLE Family Housing Privatization			
5.PROGRAM ELEMENT 88742A		6.CATEGORY CODE 711	7.PROJECT NUMBER 55176		8.PROJECT COST (\$000) Auth            52,800 Approp        52,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Family Housing Privatization		FA	4,540 --		11,630	52,800 (52,800)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						52,800
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						52,800
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						52,800
TOTAL REQUEST (ROUNDED)						52,800
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      During FY 2002, the Army will privatize family housing at Fort Campbell, Kentucky. Privatization may include revitalization, demolition, replacement and/or new construction, with operation and management of family housing functions. The requested funding will provide for the Army's equity contribution for the privatization at Fort Campbell. IAW 10 USC, Section 2883, scoring funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) prior to award of any privatization contract requiring such funding.						
<u>PROJECT:</u> Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)						
<u>REQUIREMENT:</u> This funding is required to provide for the Army's equity contribution for the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.						

1. COMPONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Fort Campbell, Kentucky		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  55176	
<p><u>CURRENT SITUATION:</u>    The existing inventory includes a significant number of units that are in excess of 35 years old and require revitalization and/or replacement in order to bring them up to current standards. The Army's Family Housing Master Plan (FHMP) indicates that 2,838 of Fort Campbell's inventory of 4,240 units are inadequate. In addition, there is an estimated 300 unit deficit. The Army's Installation Status Report (ISR) indicates that approximately 72% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of ensuring adequate family housing by 2010, adversely affecting the health, safety and quality of life of the occupants.</p> <p><u>ADDITIONAL:</u>    Privatization of family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. If for any reason privatization cannot be accomplished or is financially infeasible, the Army will execute an improvement project for 400 enlisted family quarters at the programmed amount of this project.</p> <p><u>JOINT USE CERTIFICATION:</u>    The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer:    Col Thomas Bailey Phone Number:    (502) 798-9700</p>		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE JULY 2001	
3.INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland				4.PROJECT TITLE Family Housing Improvements		
5.PROGRAM ELEMENT 88742A		6.CATEGORY CODE 711	7.PROJECT NUMBER 47859		8.PROJECT COST (\$000) Auth                    1,050 Approp                1,050	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Family Hsng, CoGr/SrEnl, 3BR		FA	10 --		80,400	804 (804)
<u>SUPPORTING FACILITIES</u>						
Electric Service		LS	--		--	137 (55)
Paving, Walks, Curbs & Gutters		LS	--		--	(26)
Site Imp(     56) Demo(     )		LS	--		--	(56)
ESTIMATED CONTRACT COST						941
CONTINGENCY PERCENT (5.00%)						<u>47</u>
SUBTOTAL						988
SUPV, INSP & OVERHEAD (5.70%)						<u>56</u>
TOTAL REQUEST						1,044
TOTAL REQUEST (ROUNDED)						1,050
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization of 10 senior noncommissioned officer family quarters. This project will include the addition of a half bath, weatherizing sunporch, upgrade of heating system to include central air conditioning, attic fans, trash can enclosures and the upgrade of interior and exterior electrical service with increased capacity. A tot lot will be added, landscaping upgraded, provide exterior storage, add sidewalks, and streets and parking will be repaired. Project will also include removal of lead based paint as associated with the project. At least five percent of the quarters on the post have already been made accessible and easily modifiable to accomodate the requirements of the handicapped.						
<u>PROJECT:</u> Whole neighborhood revitalization of 10 senior NCO quarters to include neighborhood amenities and supporting infrastructure. (Current Mission)						
<u>REQUIREMENT:</u> This project is required to improve existing conditions of these family quarters to provide adequate standards of quality of life, energy conservation, size, habitability and safety and to extend the life expectancy of these housing units.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland		
4. PROJECT TITLE  Family Housing Improvements	5. PROJECT NUMBER  47859	
<p><u>CURRENT SITUATION:</u>    Occupants are living in extremely cramped quarters with insufficient storage space, inadequate utility systems, no air conditioning, and inadequate bathroom facilities. In general, the amenities provided by economy housing are lacking. This project is needed now to complete the revitalization of the last of the older, family housing at Aberdeen Proving Ground, MD. The existing 10 units consist of 5 duplex units which all have three bedrooms and 109.3 net square meters (1,176 NSF). Finished quarters will have 1,335 NSF.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the quarters will continue to deteriorate, adversely affecting the health, safety and quality of life of these enlisted personnel and their families. Maintenance and energy costs will continue to accelerate, preventing achievement of the President's energy reduction goals.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The life cycle cost analysis shows revitalization of existing units to be more cost effective than all other feasible alternatives.</p> <p><u>JOINT USE CERTIFICATION:</u>    The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer:    Ltc Thomas Kuchar Phone Number:    410-306-1101</p>		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE JULY 2001	
3.INSTALLATION AND LOCATION Fort Detrick Maryland			4.PROJECT TITLE Family Housing Privatization			
5.PROGRAM ELEMENT 88742A		6.CATEGORY CODE	7.PROJECT NUMBER 56858		8.PROJECT COST (\$000) Auth                    1,200 Approp                 1,200	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Family Housing Privatization		FA	155 --		7,742	1,200 (1,200)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						1,200
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						1,200
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						1,200
TOTAL REQUEST (ROUNDED)						1,200
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      During FY 2002, the Army will privatize family housing at Fort Detrick, Maryland. Privatization may include revitalization, demolition, replacement and/or new construction, with operation and management of family housing functions. The requested funding will provide for the Army's equity contribution for the privatization of Fort Detrick. IAW 10 USC, Section 2883, scoring funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) prior to award of any privatization contract requiring such funding.						
<u>PROJECT:</u> Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)						
<u>REQUIREMENT:</u> This funding is required to provide the Army's equity contribution for the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Fort Detrick, Maryland		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  56858	
<p><u>CURRENT SITUATION:</u>    The existing inventory includes a significant number of units that are in excess of 35 years old and require revitalization and/or replacement in order to bring them up to current standards. The Army's Family Housing Master Plan (FHMP) indicates that 140 of Fort Detrick's inventory of 155 units are inadequate. The Army's Installation Status Report (ISR) indicates that approximately 72% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of ensuring adequate family housing by 2010, adversely affecting the health, safety and quality of life of the occupants.</p> <p><u>ADDITIONAL:</u>    Privatization of family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. If for any reason privatization cannot be accomplished or is financially infeasible, the Army will execute an improvement project for 8 enlisted family quarters at the programmed amount of this project.</p> <p><u>JOINT USE CERTIFICATION:</u>    The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer: Mr. Lauren Potter, Jr. Phone Number: 301-619-2441</p>		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Picatinny Arsenal New Jersey				4.PROJECT TITLE Family Housing Privatization		
5.PROGRAM ELEMENT  88742A		6.CATEGORY CODE	7.PROJECT NUMBER  56857		8.PROJECT COST (\$000) Auth                    500 Approp                 500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						500
Family Housing Privatization		FA	116 --		4,310	(500)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						500
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						500
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						500
TOTAL REQUEST (ROUNDED)						500
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      During FY 2002, the Army will privatize family housing at Picatinny Arsenal, New Jersey. Privatization may include revitalization, demolition, replacement and/or new construction, with operation and management of family housing functions. The requested funding will provide for the Army's equity contribution for the privatization of Picatinny Arsenal. IAW 10 USC, Section 2883, scoring funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) prior to award of any privatization contract requiring such funding.						
<u>PROJECT:</u> Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)						
<u>REQUIREMENT:</u> This funding is required to provide the Army's equity contribution for the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Picatinny Arsenal, New Jersey		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  56857	
<p><u>CURRENT SITUATION:</u>    The existing inventory includes a significant number of units that are in excess of 35 years old and require revitalization and/or replacement in order to bring them up to current standards. The Army's Family Housing Master Plan (FHMP) indicates that 73 of Picatinny Arsenal's inventory of 116 units are inadequate. The Army's Installation Status Report (ISR) indicates that approximately 72% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of ensuring adequate family housing by 2010, adversely affecting the health, safety and quality of life of the occupants.</p> <p><u>ADDITIONAL:</u>    Privatization of family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. If for any reason privatization cannot be accomplished or is financially infeasible, the Army will execute an improvement project for 4 enlisted family quarters at the programmed amount of this project.</p> <p><u>JOINT USE CERTIFICATION:</u>    The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer: Mr. Ronald Kraus Phone Number: 973-724-4561</p>		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE JULY 2001	
3.INSTALLATION AND LOCATION Fort Hamilton New York			4.PROJECT TITLE Family Housing Privatization			
5.PROGRAM ELEMENT 88742A		6.CATEGORY CODE	7.PROJECT NUMBER 56859		8.PROJECT COST (\$000) Auth                    2,200 Approp                 2,200	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Family Housing Privatization		FA	436 --		5,046	2,200 (2,200)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						2,200
CONTINGENCY PERCENT (.00 %)						<u>0</u>
SUBTOTAL						2,200
SUPV, INSP & OVERHEAD (.00 %)						<u>0</u>
TOTAL REQUEST						2,200
TOTAL REQUEST (ROUNDED)						2,200
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      During FY 2002, the Army will privatize family housing at Fort Hamilton, New York. Privatization may include revitalization, demolition, replacement and/or new construction, with operation and management of family housing functions. The requested funding will provide for the Army's equity contribution for the privatization of Fort Hamilton. IAW 10 USC, Section 2883, scoring funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) prior to award of any privatization contract requiring such funding.						
<u>PROJECT:</u> Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)						
<u>REQUIREMENT:</u> This funding is required to provide the Army's equity contribution for the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Fort Hamilton, New York		
4. PROJECT TITLE  Family Housing Privatization	5. PROJECT NUMBER  56859	
<p><u>CURRENT SITUATION:</u>    The existing inventory includes a significant number of units that are in excess of 35 years old and require revitalization and/or replacement in order to bring them up to current standards. The Army's Family Housing Master Plan (FHMP) indicates that 436 of Fort Hamilton's inventory of 436 units are inadequate. The Army's Installation Status Report (ISR) indicates that approximately 72% of the quarters in the U.S. require improvement or replacement in order to meet adequacy standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, both officer and enlisted personnel will continue to reside in inadequate family housing. Privatization will not be accomplished and existing facilities will continue to deteriorate with increased maintenance and operation costs. The Army will not meet the OSD goal of ensuring adequate family housing by 2010, adversely affecting the health, safety and quality of life of the occupants.</p> <p><u>ADDITIONAL:</u>    Privatization of family housing will provide new construction and revitalization of the existing inventory at a more rapid rate than current procedures and funding levels permit. Privatization will provide renovated/new quarters to standards comparable to housing of similar size and quality as would be available in the local economy. If for any reason privatization cannot be accomplished or is financially infeasible, the Army will execute an improvement project for 10 enlisted family quarters at the programmed amount of this project.</p> <p><u>JOINT USE CERTIFICATION:</u>    The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer:    Mr. Wayne McGee Phone Number:    718-630-4837</p>		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE JULY 2001	
3.INSTALLATION AND LOCATION United States Military Academy New York				4.PROJECT TITLE Family Housing Improvements		
5.PROGRAM ELEMENT 88742A		6.CATEGORY CODE 711	7.PROJECT NUMBER 47413		8.PROJECT COST (\$000) Auth                    9,400 Approp                 9,400	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,213
New Brick Reno		FA	51 --		104,650	(5,337)
323 SF Addition		FA	51 --		26,600	(1,357)
Carport		FA	17 --		30,552	(519)
<u>SUPPORTING FACILITIES</u>						1,251
Electric Service		LS	--		--	(192)
Water, Sewer, Gas		LS	--		--	(405)
Paving, Walks, Curbs & Gutters		LS	--		--	(379)
Site Imp( 275) Demo( )		LS	--		--	(275)
ESTIMATED CONTRACT COST						8,464
CONTINGENCY PERCENT (5.00%)						<u>423</u>
SUBTOTAL						8,887
SUPV, INSP & OVERHEAD (5.70%)						<u>507</u>
TOTAL REQUEST						9,394
TOTAL REQUEST (ROUNDED)						9,400
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization of 51 company and field grade officer dwelling units constructed in 1962. This is phase 2 of a 3 phase program to revitalize a total of 156 units in the New Brick housing area. Scope of work includes replacement of existing gas fired forced hot air heating system with a gas fired hot water system; lead paint and asbestos abatement; installation of passive radon system piping in all quarters and active system in quarters which exceed EPA and Army Radon level standards; upgrades of all plumbing and electrical systems; replacement of sanitary laterals to mains; installation of individual utility meters for each unit; upgrade interior and exterior lighting; install central air-conditioning; modernize and revitalize bathrooms to include low flow shower heads, water saving toilets, and exhaust systems; revitalize kitchens to include replacement of cabinets, counter tops and flooring, install dishwasher and garbage disposal; reconfigure the unit interior to allow for a full second bathroom, and add to the liveable areas by improving the utilization of available space; converting the 4 bedroom units to 3 bedroom, and adding a 323 NSF addition off the back wall; replace hot water tanks as required; repair plaster/paint interiors and refinish wooden floors; reconfigure parking areas to include installation of carports connected to the units (as applicable) and add off street parking adjacent to the unit; replace asphalt shingle roofs,						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  United States Military Academy, New York		
4. PROJECT TITLE  Family Housing Improvements	5. PROJECT NUMBER  47413	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>gutters and drains; add bulk storage to the units; landscape yards to improve utilization; install privacy fencing between the units; replace garbage storage areas to include space for recycling; revitalize exterior to include scraping and painting wrought iron porch railings and the exterior of the homes, inspect/repair termite damage, inspect/replace exterior wood, repoint brick as required, replace rear overhang to include construction of a new wooden deck, replace windows and exterior doors as required, repair foundations as required. This project also includes widening (to allow on street parking) and re-paving of the adjacent roads, replacement of the storm drainage system, and replacement of the sidewalks. The electric distribution system in this area will also be replaced as part of this project. Five percent of the units will be accessible and easily modifiable to accommodate handicapped requirements.</p> <hr/> <p><u>PROJECT:</u> Whole neighborhood revitalization of 51 company and field grade family housing units to include supporting infrastructure. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these family quarters to provide adequate standards of size, comfort, habitability and safety and to extend the life expectancy of these housing units.</p> <p><u>CURRENT SITUATION:</u> New Brick Housing are slab-on-grade, one and a half bath, duplex and triplex buildings, two story, containing only 1058 net square feet. These are company and field grade officer quarters located generally in the Connor/Winnans Road area. The units have had no significant major repairs since their construction in 1962. Windows were replaced, and wall/ceiling/attic insulation was provided under a completed FY82 ECIP Project. The interior electrical systems and the electrical distribution system in the area are overloaded and do not meet current standards. Kitchen and bathrooms are original and require modernization and revitalization. The units do not have central air-conditioning which forces the occupants to install inefficient window air-conditioning units. These units have neither a basement nor covered parking. Roads in the housing area are in poor condition and need to be realigned for better traffic and pedestrian safety. Parking is a major problem as the streets are not wide enough to allow on-street parking. Required additional off street parking is not located adjacent to the majority of these housing units. A lead paint survey has been performed and lead contaminated paint will be abated as will any asbestos that is discovered. Radon testing has shown that a number of units exceed EPA and Army limits. Exterior lighting is ineffective or nonexistent. The back yards of many of the units has a drainage ditch running through it which limits useable space. The overhangs are in extremely bad shape and need to be demolished. Termite damage has been identified in many of the units and the exterior finishes are in poor condition.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will</p>		

1.COMONENT  ARMY	FY 2002    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  JULY 2001
3.INSTALLATION AND LOCATION  United States Military Academy, New York		
4.PROJECT TITLE  Family Housing Improvements	5.PROJECT NUMBER  47413	
<p><u>IMPACT IF NOT PROVIDED:</u>      (CONTINUED)</p> <p>continue to deteriorate with maintenance costs continuing to accelerate and the health, safety and quality of life of the occupants will be diminished.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. The current Segmented Housing Marketing Analysis (SHMA) indicated that economy housing is not available in the local community. The life cycle cost analysis shows revitalization of existing units to be more cost effective than all other feasible alternatives.</p> <p>JOINT USE CERTIFICATION:    The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer:    Col Thomas G. Luebker Phone Number:    914-938-3415</p>		

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1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina			4.PROJECT TITLE Family Housing Privatization			
5.PROGRAM ELEMENT  88742A		6.CATEGORY CODE  711	7.PROJECT NUMBER  55079		8.PROJECT COST (\$000) Auth            50,000 Approp         50,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Privatize Family Housing		FA	4,744 --		10,540	50,002 (50,002)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						50,002
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						50,002
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						50,002
TOTAL REQUEST (ROUNDED)						50,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      During FY 2002, the Army will privatize family housing at Fort Bragg, North Carolina. Privatization may include revitalization, demolition, replacement and/or new construction, with operation and management of family housing functions. The requested funding will provide for the Army's equity contribution for the privatization of Fort Bragg. IAW 10 USC, Section 2883, scoring funds will be transferred to the DoD Family Housing Improvement Fund (FHIF) prior to award of any privatization contract requiring such funding.						
<u>PROJECT:</u> Privatization of family housing using alternative authorities for improvement and acquisition of military housing. (Current Mission)						
<u>REQUIREMENT:</u> This funding is required to provide the Army's equity contribution for the privatization of family housing. Privatization will improve existing conditions of the inventory to conform to current local standards of adequate size, habitability, safety, and energy conservation and to extend the life of these quarters. It will also provide new family housing and/or demolition where required, and will accelerate the rate at which revitalization is accomplished.						



1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Bleidorn Fam Hsg Ansbach, Germany				4.PROJECT TITLE Family Housing Improvements		
5.PROGRAM ELEMENT  88742A		6.CATEGORY CODE  711	7.PROJECT NUMBER  45985		8.PROJECT COST (\$000) Auth            14,400 Approp        14,400	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						12,046
Revitalize 2-Bedroom Quarters		FA	86 --		91,548	(7,873)
Revitalize 3-Bedroom Quarters		FA	42 --		99,367	(4,173)
<u>SUPPORTING FACILITIES</u>						795
Electric Service		LS	--		--	(105)
Water, Sewer, Gas		LS	--		--	(189)
Paving, Walks, Curbs & Gutters		LS	--		--	(41)
Storm Drainage		LS	--		--	(47)
Site Imp( 413) Demo( )		LS	--		--	(413)
ESTIMATED CONTRACT COST						12,841
CONTINGENCY PERCENT (5.00%)						<u>642</u>
SUBTOTAL						13,483
SUPV, INSP & OVERHEAD (6.50%)						<u>876</u>
TOTAL REQUEST						14,359
TOTAL REQUEST (ROUNDED)						14,400
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization of 128 senior enlisted stairwell apartment type family housing units (the existing 92-2BR and 36-3BR units will be reconfigured to 86-2BR and 42-3BR adequately sized units). Buildings were constructed in the 1950s. Project will renovate to current standards, including neighborhood amenities, supporting infrastructure and energy efficiency, and includes reconfiguring apartment layouts for better use of living space and bedroom distribution, new closets, doors, adding private laundry to units and adding second bathrooms to 3BR units; also repair/upgrade windows, electric system (including 110v), heating lines and radiators, repair roof, add required insulation, and modernize stairwells and entries. Fire protection and life safety equipment will be repaired or installed to include automatic sprinkler system. Supporting facilities include screening dumpsters, repair/upgrade walkways, parking, lighting, connection to water, sewer and storm drain main lines and upgrade of recreational facilities and landscaping.						
<u>PROJECT:</u> Whole neighborhood revitalization of 128 senior enlisted stairwell apartment type family quarters to include neighborhood amenities, supporting facilities and energy conservation improvements to current standards. (Current Mission)						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Bleidorn Fam Hsg, Ansbach, Germany		
4. PROJECT TITLE  Family Housing Improvements	5. PROJECT NUMBER  45985	
<p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these senior enlisted family housing quarters to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the useful life of the facilities.</p> <p><u>CURRENT SITUATION:</u> These multi-story apartments consist of 92 two-bedroom units varying from 953-1071 net square feet (nsf) each, and 36 three-bedroom units between 1208-1269 nsf each. They will be reconfigured into 86 two bedroom units with 950 nsf and 42 three bedroom units with 1,330 nsf. These 50 year old units have had only piecemeal repairs since construction. Major components have exceeded their useful life but the buildings are structurally sound. Entries and stairwells are deteriorated and uninviting; original bathroom tiles are no longer produced, and when damaged, often can only be patched with non-matching tiles. Units show their age in the deteriorated cabinets, sinks and surfaces; second bathrooms are non-existent for larger families; laundry facilities are shared in the basement; the electrical system is overaged, undersized and lacking 110v except in the kitchen. Walkways are inadequate as is parking and exterior lighting. Existing playgrounds are inadequate. This project includes all work required to bring these units up to current standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate housing, which will continue to deteriorate, causing increased maintenance and energy costs. This adversely affects the health, safety, welfare and quality of life of these enlisted personnel and their families.</p> <p><u>ADDITIONAL:</u> This project was coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. USAREUR CG's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.</p> <p><u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within the established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p> <p style="text-align: center;">Installation Engineer: Maj. Brian Green Phone Number: DSN 468-1560</p>		

1.COMONENT ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE JULY 2001	
3.INSTALLATION AND LOCATION Boeblingen Fam Hsg Stuttgart, Germany				4.PROJECT TITLE Family Housing Improvements		
5.PROGRAM ELEMENT 88742A		6.CATEGORY CODE 711	7.PROJECT NUMBER 48282		8.PROJECT COST (\$000) Auth                    3,600 Approp                 3,600	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,665
Revitalize 3BR H.C. unit(RS)		FA	1 --		104,073	(104)
Revitalize 3BR unit(RS)		FA	23 --		85,855	(1,975)
Revitalize 4BR unit(RS)		FA	6 --		97,603	(586)
<u>SUPPORTING FACILITIES</u>						540
Electric Service		LS	--		--	(81)
Water, Sewer, Gas		LS	--		--	(21)
Paving, Walks, Curbs & Gutters		LS	--		--	(169)
Storm Drainage		LS	--		--	(65)
Site Imp( 204) Demo( )		LS	--		--	(204)
ESTIMATED CONTRACT COST						3,205
CONTINGENCY PERCENT (5.00%)						<u>160</u>
SUBTOTAL						3,365
SUPV, INSP & OVERHEAD (6.50%)						<u>219</u>
TOTAL REQUEST						3,584
TOTAL REQUEST (ROUNDED)						3,600
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization of 30 senior NCO and company grade officer family quarters in two multi-story stairwell apartment buildings constructed in 1955. This project reconfigures 36 units into 30 adequate three and four bedroom units. Revitalization will be to current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes reconfiguration of floorplan to increase unit size, adding bathroom and private laundry, repair or replace failed and failing kitchens, flooring, heating system, interior plumbing system, closets, doors and windows. Upgrade electrical, TV, telephone and fire protection systems as well as insulation. Renovate common stairwell areas and do minor required repairs in the basement areas and storage rooms. Outside, repair as necessary failed or failing gutters, downspouts and roof tiles, upgrade landscaping, playgrounds, street lights, underground electric, parking and paved surfaces, curbs and walkways. Tie into utility lines at the street (electric, water, sewer).						
<u>PROJECT:</u> Whole neighborhood revitalization of 30 stairwell type senior NCO and company grade officer family quarters to include neighborhood amenities, supporting infrastructure, and energy conservation improvements to current standards. (Current Mission)						

1. COMPONENT  ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Boeblingen Fam Hsg, Stuttgart, Germany		
4. PROJECT TITLE  Family Housing Improvements	5. PROJECT NUMBER  48282	
<p><u>REQUIREMENT:</u> This project is required to improve existing family housing conditions to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> These multi-story apartment buildings consist of 12 2BR units at 920 NSF, 12 3BR units at 1,130 NSF, and 12 4BR at 1,205 NSF. Of these undersized apartments, the 2BR units are excess to current requirements, and their space will be reconfigured to provide adequate three and four bedroom units with 1,283 NSF and 1,378 NSF respectively throughout the buildings to meet community needs. The buildings are 45 years old with minor project work done since original construction to include exterior insulation and siding in the mid '80s, windows in '88, kitchens in '90, provisional heating systems in '91 and piecemeal bathroom repairs between occupancy. Although buildings are structurally sound, entrances and stairwells are antiquated and unsightly. Shared laundry facilities are located in the basements. Storage rooms in the basement need repairs. Heating systems are inadequate. Electrical system is deteriorated and undersized. The housing area does not have adequate walkways, parking or outside storage. Road and parking surfaces are in poor condition and need renewal. Buried utility systems are failing and in need of major repair and replacement. Storm water runoff ponds in streets and around houses due to inadequate drainage. Neighborhood recreational facilities are inadequate. This project includes all work required to bring these units up to current standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate, precluding attainment of the President's directive on energy reduction. Service members will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of these enlisted and officer personnel and their families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security improvements are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p> <p><u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p> <p style="text-align: center;">Installation Engineer: Mr. Gerald Ramos Phone Number: DSN 421-6183</p>		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Steuben & Weicht Vil Fam Hsg Stuttgart, Germany				4.PROJECT TITLE Family Housing Improvements		
5.PROGRAM ELEMENT  88742A		6.CATEGORY CODE  711	7.PROJECT NUMBER  48751		8.PROJECT COST (\$000) Auth                    5,200 Approp                 5,200	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,919
Revitalize 2BR units		FA	9 --		75,070	(676)
Revitalize 3BR H.C.unit(RS)		FA	1 --		100,094	(100)
Revitalize 3BR units(RS)		FA	17 --		85,080	(1,446)
Revitalize 4BR units(RS)		FA	18 --		94,255	(1,697)
<u>SUPPORTING FACILITIES</u>						704
Electric Service		LS	--		--	(62)
Water, Sewer, Gas		LS	--		--	(122)
Paving, Walks, Curbs & Gutters		LS	--		--	(283)
Site Imp( 237) Demo( )		LS	--		--	(237)
ESTIMATED CONTRACT COST						4,623
CONTINGENCY PERCENT (5.00%)						<u>231</u>
SUBTOTAL						4,854
SUPV, INSP & OVERHEAD (6.50%)						<u>316</u>
TOTAL REQUEST						5,170
TOTAL REQUEST (ROUNDED)						5,200
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization of 45 senior NCO and company grade officer family quarters in three multi-story stairwell apartment buildings constructed in 1955. This project reconfigures 54 units into 45 adequately sized 2, 3 and 4 bedroom units, and revitalizes units to current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes reconfiguration to increase both living space and numbers of bedrooms, adding required bathrooms and private laundry, repair or replace failing closets and kitchens, flooring, heating system, plumbing system, doors, windows, add sun-shading windows, upgrade electrical, TV, telephone and fire protection systems including sprinkler system, and add insulation. Renovate common stairwell areas and do minor required repairs in the basement areas and storage rooms. Neighborhood upgrade includes repair of gutters, downspouts, roof tiles, improved landscaping, playgrounds, street lights, parking, walkways and curbs.						
<u>PROJECT:</u> Whole neighborhood revitalization of 45 senior NCO and company grade officer family quarters in three multi-story apartment buildings including neighborhood amenities, supporting infrastructure and energy conservation improvements to current construction standards. (Current Mission)						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Steuben & Weicht Vil Fam Hsg, Stuttgart, Germany		
4. PROJECT TITLE  Family Housing Improvements	5. PROJECT NUMBER  48751	
<p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these senior NCO and company grade officer family quarters to conform to adequate standards of comfort, habitability, size, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> These multi-story apartment buildings consist of 18 two-bedroom units at 890 NSF, 18 three-bedroom units at 1,030 NSF, and 18 four-bedroom units at 1,205 NSF. These units will be reconfigured to yeild three 2BR, six 3BR and six 4BR adequately sized units (920 NSF, 1,286 NSF and 1,381 NSF respectively) in each of the three buildings. The buildings are 45 years old with only piecemeal work done since construction, including heating system repairs in 1985 and new windows in 1988. The exterior was last painted in 1983. Although buildings are structurally sound, entrances and stairwells are deteriorated and unsightly. Shared laundry facilities and family storage rooms are located in dismal basements. Heating systems are inadequate as is the electrical system which is deteriorated and undersized. The housing area does not have adequate walkways, parking or outside storage. Road and parking surfaces are in poor condition and need renewal. Buried utility systems are failing and in need of major repair and replacement. Storm water runoff stands in street and around houses due to inadequate drainage. Neighborhood recreational facilities are inadequate and need renovation and landscaping. This project includes all work required to bring these units up to current standards.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the quarters will continue to deteriorate, causing maintenance and energy costs to accelerate. Service members and families will continue to reside in inadequate quarters which adversely affects the health, safety and quality of life of service personnel and families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and no anti-terrorism/force protection or physical security measures are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than all other feasible alternatives.</p> <p><u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p> <p style="text-align: center;">Installation Engineer: Mr. Gerald Ramos Phone Number: DSN 421-6183</p>		

1.COMPONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Vicenza Fam Hsg Vicenza, Italy				4.PROJECT TITLE Family Housing Improvements		
5.PROGRAM ELEMENT  88742A		6.CATEGORY CODE  711	7.PROJECT NUMBER  34752		8.PROJECT COST (\$000) Auth            11,600 Approp         11,600	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						9,235
Revitalize 2BR Units Type E		FA	48 --		56,399	(2,707)
Revitalize 3BR Units Type D		FA	40 --		59,994	(2,400)
Revitalize 3BR Units Type F		FA	28 --		57,655	(1,614)
Revitalize 3BR Units Type C		FA	20 --		60,981	(1,220)
Revitalize 2BR Units Type F		FA	20 --		64,690	(1,294)
<u>SUPPORTING FACILITIES</u>						1,133
Electric Service		LS	--		--	(56)
Paving, Walks, Curbs & Gutters		LS	--		--	(389)
Storm Drainage		LS	--		--	(144)
Site Imp( 544) Demo( )		LS	--		--	(544)
ESTIMATED CONTRACT COST						10,368
CONTINGENCY PERCENT (5.00%)						<u>518</u>
SUBTOTAL						10,886
SUPV, INSP & OVERHEAD (6.50%)						<u>708</u>
TOTAL REQUEST						11,594
TOTAL REQUEST (ROUNDED)						11,600
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Whole neighborhood revitalization of 156 noncommissioned officer family housing units (10 field grade officer three bedroom units, 20 company grade officer three bedroom units, 38 senior NCO two and three bedroom units, and 88 junior NCO two and three bedroom units) to current standards including neighborhood amenities, supporting infrastructure and energy conservation. Work includes replacement of kitchen and laundry room doors and windows, built in cabinets, mechanical exhaust(200 CFM) plumbing and plumbing fixtures, electrical outlets, lighting fixtures and interior finishes; installation of garbage disposals; relocation of wall between kitchen and laundry room to provide increased kitchen floor area; addition of new front vestibule to provide full or half bath, closet and storage room and replacement of roofs. Project will also provide Exterior Insulation and Finish System (EIFS) as an energy savings initiative. Roof replacement will include new insulated roofing system, and replace flashing, gutters and downspouts. Upgrade and extend exterior walkways, parking, lighting, storm drainage and landscaping.						
<u>PROJECT:</u> Whole neighborhood revitalization of 156 family housing units (10 field grade officer, 20 company grade officer, 38 senior noncommissioned officer and 88 junior noncommissioned officer) including neighborhood						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Vicenza Fam Hsg, Vicenza, Italy		
4. PROJECT TITLE  Family Housing Improvements	5. PROJECT NUMBER  34752	
<p><u>PROJECT:</u> (CONTINUED)</p> <p>amenities, supporting infrastructure and energy conservation improvements to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these enlisted and officer family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation, and to extend the life expectancy of the quarters.</p> <p><u>CURRENT SITUATION:</u> These duplex and four-plex units were constructed in 1958. They are inadequately sized, with the 2BR units at 900 net square feet (NSF) and the 3BR units at 1,073 NSF, and have deteriorated from over 40 years of continuous use. Renovation and additions will provide adequately sized units. The small kitchens are inefficiently arranged and do not provide adequate storage, countertop, or appliance space for today's standard of living. Families typically store some kitchen items in hallways and even bedrooms. Exposed piping and mechanical systems, worn finishes, and old plumbing fixtures contribute to poor living conditions. The electrical system is undersized and does not meet standards. Roof leaks and recurring moisture damage are a direct result of deteriorating flat roofs, promoting extensive mold growth and associated health risk and occupant complaints.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, service members will continue to reside in inadequate family housing which will continue to deteriorate, causing increased maintenance and energy costs. This adversely affects the health, safety and quality of life of these service members and their families.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security office and no anti-terrorism/force protection or physical security improvements are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. The life cycle cost analysis shows revitalization to be more cost effective than other alternatives.</p> <p><u>JOINT USE CERTIFICATION:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p><u>NATO SECURITY INVESTMENT:</u> This project is not within an established NATO Infrastructure Category for Common Funding, nor is it expected to become eligible.</p> <p style="text-align: center;">Installation Engineer: Mr. Trent Spencer Phone Number: DSN 634-7700</p>		

1.COMONENT  ARMY		FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  JULY 2001	
3.INSTALLATION AND LOCATION Korea Various Yongsan, Korea				4.PROJECT TITLE Family Housing Improvements		
5.PROGRAM ELEMENT  88742A		6.CATEGORY CODE  711	7.PROJECT NUMBER  56370		8.PROJECT COST (\$000) Auth                    4,000 Approp                 4,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,573
Interior/Exterior Work		FA	17 --		54,919	(934)
Repair Roof		FA	17 --		30,685	(522)
Central HVAC System		FA	17 --		33,405	(568)
Plumbing System		FA	17 --		16,799	(286)
Electric Power System		FA	17 --		30,964	(526)
Associated Removal Work		LS	--		--	(737)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						3,573
CONTINGENCY PERCENT (5.00%)						<u>179</u>
SUBTOTAL						3,752
SUPV, INSP & OVERHEAD (6.50%)						<u>244</u>
TOTAL REQUEST						3,996
TOTAL REQUEST (ROUNDED)						4,000
INSTALLED EQT-OTHER APPROP						(0)
10.Description of Proposed Construction      Improve 17 senior enlisted (7 units) and senior officer (10 units) family dwelling units S-4418, S-4431, S-4452, S-4453, S-4455, S-4498, S-4499, S-7020A/B, S-7041A/B, S-7064A/B, S-7082A/B, S-7095A/B) total of 32,932 SF to include the following: Relocate water heater, storage tank, and warm air furnace (WAF) from overcrowded laundry/utility room to the exterior mechanical room. Improve functional layout of laundry room by relocating appliances, adding double utility sink and creating a convenience pantry. Install central air conditioning system. Replace ductwork to support installation of central air conditioning. Upgrade electrical service to support installation of central air conditioning system. Replace electrical system throughout the dwellings to meet current standards. Replace entire plumbing system with copper piping and add exterior spigot front yard. Replace gypsum wall board, interior wall lining and ceilings as required and paint. Replace all doors, windows and frames throughout. Renovate kitchen and bathrooms. Build an addition for a fourth bedroom on building 7082 A/B. All asbestos identified will be removed under separate contract by a certified asbestos removal and disposal contractors prior to beginning other work. Lead based paint in the building will be removed. The contractor will be required to monitor conditions to determine required level of work protection. Both tasks will be done in compliance with governing environmental law.						

1. COMPONENT  ARMY	FY 2002 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  JULY 2001
3. INSTALLATION AND LOCATION  Korea Various, Yongsan, Korea		
4. PROJECT TITLE  Family Housing Improvements	5. PROJECT NUMBER  56370	
<p><u>PROJECT:</u> Improve 17 senior enlisted and senior officer family quarters to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these family quarters to provide adequate standards of size, comfort, habitability and safety and to extend the life expectancy of these housing units.</p> <p><u>CURRENT SITUATION:</u> Command sponsored senior enlisted and officer personnel and their dependents reside in semi-permanent dwelling units that were constructed in 1958 and 1959. The existing laundry and utility area is overcrowded with furnace and hot water heater, washer, and dryer creating an unsafe environment for occupants, especially small children. Existing plumbing system require continuous maintenance due to deterioration. The existing electrical systems (100 Amp service) are inadequate and do not provide adequate service to meet current needs of occupants. Electrical wiring and plumbing systems have not been replaced since the structures were built and they do not meet national electric codes. Limited storage space will be improved with creation of a pantry area.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the health, safety and quality of life of military personnel and their families will be negatively impacted. Maintenance and energy costs will continue to escalate, precluding attainment of the President's directive on energy consumption reduction. The facility will continue to deteriorate, requiring complete replacement of the facility.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with installation physical security plan and no anti-terrorism/force protection or physical security improvements are required. This project is located on an installation which will be retained by United States Forces Korea and Eighth United States Army for the foreseeable future. The possibility of Host Nation funding has been addressed, but sufficient funds from the Host Nation programs are not available to support this project. The life cycle cost analysis shows revitalization of existing units to be more cost effective than all other feasible alternatives.</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p> <p style="text-align: center;">Installation Engineer: LTC Daniel Worth Phone Number: 011-82-2-7914-3781</p>		

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 PLANNING AND DESIGN

(\$ in Thousands)	
FY 2002 Budget Request	\$11,592
FY 2001 Appropriation	\$6,542

PURPOSE AND SCOPE

This program provides funding for preparing working drawings, specifications, cost estimates, project planning reports, final design drawings and reviews of construction proposals. Also included are architectural and engineering services supporting new or post acquisition construction projects, and costs incurred in developing requests for project proposals. These funds are used to plan and design future family housing construction projects and family housing energy conservation projects.

PROGRAM SUMMARY

Authorization and appropriation are requested for \$11,592,000 in FY 2002 to fund family housing construction planning and design activities excluding Housing Privatization Initiative. The funds will provide for final design work on FY 2002 and FY 2003 projects, and for initial concept designs for FY 2004 projects to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 2002 planning and design program supports the Army's continuing emphasis on the whole neighborhood revitalization program. Revitalization projects require a greater degree of planning and design than do new construction projects. This additional design effort is necessary to ensure modernization requirements, including supporting utility systems and infrastructure, are efficiently and effectively integrated into existing structures.

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ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 OPERATION, UTILITIES, AND MAINTENANCE

(\$ in Thousands)	
FY 2002 Budget Request	\$884,116
FY 2001 Appropriation	\$758,217

PURPOSE AND SCOPE

Operation Accounts. Provides for expenses in the following sub-accounts and includes both direct and indirect support, as applicable:

1. Management - Provides resources for family housing management, installation administrative support and for services provided by Community Homefinding, Relocation, and Referral Services. Includes housing requirements surveys, condition assessments of existing housing, and development of family housing construction and repair projects. Includes the installation and operation of the Housing Operation Management Systems (HOMES) to support effective housing management. Also includes the costs of housing referral staff at privatized installations.

2. Services - Provides basic installation service support functions such as refuse collection and disposal, pest control, snow removal and street cleaning. Includes the cost of family housing's proportionate share of fire and police protection. Also includes cost of fire and police protection in privatized housing areas.

3. Furnishings - Provides for procurement, management, control, moving and handling of furnishings; plus maintenance, repair, and replacement of the existing furnishings inventory.

4. Miscellaneous - Provides payments to non-Department of Defense agencies for housing units occupied by Army personnel.

Utilities Account. The utilities account includes the costs of heat, air conditioning, electricity, water, and sewage for family housing units. Also includes the cost of utilities for privatized housing at Fort Carson.

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE  
OPERATION, UTILITIES, AND MAINTENANCE (continued)

Maintenance Account. The maintenance account provides funding for the following activities required to maintain family housing real property assets:

1. Dwellings - Includes service calls, routine maintenance, annual repairs, interior and exterior painting, between occupancy maintenance, repairing/restoring damage caused by fires or storms, and major repair work including projects deferred in prior years.

2. Exterior Utilities - Includes costs for maintenance and repair of sewer and water lines, primary and secondary electric lines, and other exterior utilities exclusively for use by family housing.

3. Other Real Property - Includes work on grounds, surfaced areas, and other real property serving family housing.

4. Incidental Improvements - Includes low-cost incidental (minor) improvements for less than \$3,000 per dwelling unit. This work is normally performed concurrently with maintenance and repair projects. Also includes modifications to quarters to meet the needs of exceptional family members.

Reimbursement Authority. This account provides authority to incur additional costs for services and repair of damages to be reimbursed by collection of payments from Federal and non-Federal sources.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 OPERATION, UTILITIES, AND MAINTENANCE (continued)

PROGRAM SUMMARY

Authorization and appropriation are requested for \$884,116,000 for FY 2002. This amount, together with estimated reimbursements of \$22,000,000 will fund the Operation and Maintenance program of \$906,116,000. A summary follows:

(\$ in thousands)

<u>Operation</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total Direct</u>	<u>Reimburse-ments</u>	<u>Total Program</u>
178,520	258,790	446,806	884,116	22,000	906,116

The FY 2002 operation, utilities, and maintenance programs include the following major initiatives:

1. Continuing the operation, maintenance, and improvement of the Housing Operation Management System (HOMES), an Army-wide computer system designed to support all phases of housing management. On-going initiatives include making HOMES more user friendly, improving management output reports, and establishing methods for system improvements and changes.

2. Continuing efforts to identify adequate housing in communities, which is affordable for the soldier. Where shortages exist, housing surveys are reviewed and installation proposals are developed to request new construction, or leasing of additional housing for military families.

3. Achieving the annual Army Energy Conservation goal of 1.5 percent. Utility consumption per unit is being reduced as a result of energy conserving repair and revitalization projects.

4. Continuing the program overseas to repair and revitalize the family housing inventory. The result extends the useful life of the quarters, reduces future maintenance and utility costs, and increases occupancy in the outyears.

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ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)  
*Excludes Leased & Privatized Units and Costs*  
 FY 2002

A. INVENTORY DATA	FY 2000 ACTUAL		FY 2001 CURRENT ESTIMATE		FY 2002 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	114,238		109,042		102,281	
INVENTORY END OF YEAR	109,042		102,281		95,498	
EFFECTIVE AVERAGE INVENTORY	111,032		107,720		97,095	
HISTORIC UNITS	4,391		4,376		3,964	
UNITS REQUIRING O&M FUNDING:						
a. Contiguous US	73,767		71,889		61,623	
b. U.S. Overseas	11,737		11,526		11,488	
c. Foreign	25,528		24,305		23,984	
d. Worldwide	111,032		107,720		97,095	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	717	79,562	742	79,876	846	82,177
b. Services	440	48,857	449	48,315	510	49,520
c. Furnishings	438	48,673	428	46,108	469	45,546
d. Miscellaneous	7	810	11	1,231	13	1,277
SUBTOTAL - OPERATION	1,602	177,902	1,630	175,530	1,838	178,520
2. UTILITIES	1,932	214,545	2,268	244,259	2,665	258,790
3. MAINTENANCE						
a. Annual Recurring M&R	2,182	242,293	1,609	173,329	2,337	226,890
b. Major M&R Projects	1,485	164,886	1,081	116,405	1,649	160,153
c. Exterior Utilities	191	21,203	147	15,811	194	18,814
d. M&R, Other Real Prop.	331	36,738	248	26,717	348	33,758
e. Alts. & Additions	75	8,275	57	6,166	74	7,191
SUBTOTAL MAINTENANCE	4,264	473,395	3,142	338,428	4,602	446,806
4. FOREIGN CURRENCY		[19,248]				
5. APPROPRIATION	7,798	865,842	7,040	758,217	9,105	884,116
6. REIMBURSABLE PROGRAM	171	19,000	204	22,000	227	22,000
7. TOTAL O&M PROGRAM	7,969	884,842	7,244	780,217	9,332	906,116

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 OPERATION AND MAINTENANCE, SUMMARY (CONUS)  
*Excludes Leased & Privatized Units and Costs*  
 FY 2002

A. INVENTORY DATA	FY 2000 ACTUAL		FY 2001 CURRENT ESTIMATE		FY 2002 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	75,941		72,809		66,853	
INVENTORY END OF YEAR	72,809		66,853		59,982	
EFFECTIVE AVERAGE INVENTORY	73,767		71,889		61,623	
HISTORIC UNITS	3,843		3,936		3,524	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	676	49,887	698	50,143	897	55,246
b. Services	399	29,401	418	30,082	471	29,006
c. Furnishings	150	11,086	186	13,336	156	9,638
d. Miscellaneous	7	546	13	946	16	977
SUBTOTAL - OPERATION	1,232	90,920	1,315	94,507	1,540	94,867
2. UTILITIES	1,445	106,567	1,837	132,089	2,121	130,701
3. MAINTENANCE						
a. Annual Recurring M&R	2,063	152,201	1,593	114,492	1,926	118,709
b. Major M&R Projects	1,240	91,492	957	68,824	1,012	62,359
c. Exterior Utilities	171	12,581	132	9,464	159	9,812
d. M&R, Other Real Prop.	303	22,327	234	16,795	283	17,414
e. Alts. & Additions	76	5,594	59	4,208	71	4,363
SUBTOTAL MAINTENANCE	3,853	284,195	2,975	213,783	3,451	212,657
4. FOREIGN CURRENCY						
5. APPROPRIATION	6,530	481,682	6,127	440,379	7,112	438,225
6. REIMBURSABLE PROGRAM	190	14,000	236	17,000	260	16,000
7. TOTAL O&M PROGRAM	6,720	495,682	6,363	457,379	7,372	454,225

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 OPERATION AND MAINTENANCE, SUMMARY (U.S. OVERSEAS)  
*Excludes Leased & Privatized Units and Costs*  
 FY 2002

A. INVENTORY DATA	FY 2000 ACTUAL		FY 2001 CURRENT ESTIMATE		FY 2002 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	11,884		11,590		11,462	
INVENTORY END OF YEAR	11,590		11,462		11,514	
EFFECTIVE AVERAGE INVENTORY	11,737		11,526		11,488	
HISTORIC UNITS	548		440		440	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	691	8,112	723	8,336	690	7,922
b. Services	367	4,304	391	4,511	395	4,538
c. Furnishings	612	7,189	482	5,551	598	6,867
d. Miscellaneous	22	264	25	285	26	300
SUBTOTAL - OPERATION	1,692	19,869	1,621	18,683	1,709	19,627
2. UTILITIES	3,132	36,756	3,614	41,651	3,897	44,773
3. MAINTENANCE						
a. Annual Recurring M&R	2,658	31,202	2,206	25,425	2,433	27,946
b. Major M&R Projects	2,045	23,998	1,697	19,555	1,871	21,493
c. Exterior Utilities	501	5,881	416	4,792	458	5,267
d. M&R, Other Real Prop.	601	7,049	498	5,744	550	6,314
e. Alts. & Additions	150	1,766	125	1,439	138	1,581
SUBTOTAL MAINTENANCE	5,955	69,896	4,942	56,955	5,450	62,601
4. FOREIGN CURRENCY						
5. APPROPRIATION	10,779	126,521	10,177	117,289	11,056	127,001
6. REIMBURSABLE PROGRAM	85	1,000	87	1,000	87	1,000
7. TOTAL O&M PROGRAM	10,864	127,521	10,264	118,289	11,143	128,001

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)  
*Excludes Leased & Privatized Units and Costs*  
 FY 2002

A. INVENTORY DATA	FY 2000 ACTUAL		FY 2001 CURRENT ESTIMATE		FY 2002 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	26,413		24,643		23,966	
INVENTORY END OF YEAR	24,643		23,966		24,002	
EFFECTIVE AVERAGE INVENTORY	25,528		24,305		23,984	
HISTORIC UNITS	0		0		0	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	845	21,563	880	21,397	793	19,009
b. Services	594	15,152	565	13,722	666	15,976
c. Furnishings	1,191	30,398	1,120	27,221	1,211	29,041
d. Miscellaneous	0	0	0	0	0	0
SUBTOTAL - OPERATION	2,630	67,113	2,565	62,340	2,670	64,026
2. UTILITIES	2,790	71,222	2,902	70,520	3,474	83,316
3. MAINTENANCE						
a. Annual Recurring M&R	2,307	58,889	1,375	33,412	3,345	80,234
b. Major M&R Projects	1,935	49,397	1,153	28,026	3,181	76,301
c. Exterior Utilities	107	2,741	64	1,555	156	3,735
d. M&R, Other Real Prop.	288	7,362	172	4,177	418	10,030
e. Alts. & Additions	<del>36</del>	<del>915</del>	<del>21</del>	<del>519</del>	<del>52</del>	<del>1,247</del>
SUBTOTAL MAINTENANCE	4,673	119,304	2,785	67,689	7,152	171,547
4. FOREIGN CURRENCY		[19,248]				
5. APPROPRIATION	10,093	257,639	8,252	200,549	13,296	318,889
6. REIMBURSABLE PROGRAM	157	4,000	165	4,000	208	5,000
7. TOTAL O&M PROGRAM	10,250	261,639	8,417	204,549	13,504	323,889

FOREIGN CURRENCY EXCHANGE DATA  
(\$ in Thousands)

	FY 2000		FY 2001		FY 2002	
	U.S. \$ Requiring Conversion	Approved Execution Rates	U.S. \$ Requiring Conversion	Budgeted Exchange Rates	U.S. \$ Requiring Conversion	Budgeted Exchange Rates
Belgium	8,526	38.260	6,571	49.640	-	0.0000
European Community	-	0.000	-	0.000	172,936	1.1967
Germany	198,452	1.855	150,254	2.4048	-	0.0000
Italy	8,958	1836.370	6,898	2384.689	-	0.0000
Japan	6,428	111.670	5,877	122.133	5,665	126.6800
Korea	13,553	1199.100	13,063	1244.076	12,053	1349.5000
Netherlands	5,436	2.090	4,189	2.712	-	0.0000
Total	241,353		186,852		190,654	

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ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE  
OPERATION ACCOUNT

(\$ in Thousands)	
FY 2002 Budget Request	\$178,520
FY 2001 Current Estimate	\$175,530
FY 2001 Appropriation	\$173,799

The operation account represents the day-to-day cost of providing family housing services. The FY 2002 program was developed using prescribed inflation, exchange rates, inventory reduction plans, non-pay inflation and civilian pay rates. Reductions have also been made for units that are to be transferred to a private entity under the privatization plan during this budget year. Each operation sub-account is described on the following pages.

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ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 MANAGEMENT SUB-ACCOUNT

(\$ in Thousands)	
FY 2002 Budget Request	\$82,177
FY 2001 Current Estimate	\$79,876
FY 2001 Appropriation	\$83,715

The FY 2002 request provides funding for the continued requirement for salaries, referral services, housing surveys, and project planning. This account also pays for the Housing Marketing Analysis (HMA) program used to determine housing requirements worldwide. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed pay, non-pay inflation and currency factors.

There are no headquarters privatization management costs in this account. However, residual personnel costs for privatized locations are included until the excess personnel can be taken off the roles in accordance with OPM and unions rules. A small residual housing referral office will remain a part of the management account after privatization.

The FY 2001 congressional language directed a separate sub-account for privatization support costs beginning with the FY 2002 submission. Beginning FY 2001, Army established a separate sub-account for privatization. Therefore, beginning FY 2001, privatization support costs are not found in this account. Privatization support costs can be found in the Housing Privatization section.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 MANAGEMENT SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

		<u>\$ In Thousands</u>
1. FY 2000 Obligations	[94,062]	
2. FY 2001 Appropriation		83,715
3. Program Adjustment: Decrease due to transfer to privatization for Development and Operations of the Privatization Program		-3,839
4. FY 2001 Current Estimate		79,876
5. Price adjustments:		3,429
a. Non-Pay inflation	300	
b. Pay adjustment	2,738	
c. Foreign Currency	169	
d. Increase for one extra day	222	
6. Program Adjustments:		-1,128
a. Ft. Carson personnel reduction	-218	
b. Transfer Army Field Operating Agency operations to OMA Army Management Headquarters (AMHA)	-910	
7. FY 2002 Budget Request		82,177

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE  
OPERATION ACCOUNT  
SERVICES SUB-ACCOUNT

(\$ in Thousands)	
FY 2002 Budget Request	\$49,520
FY 2001 Current Estimate	\$48,315
FY 2001 Appropriation	\$44,855

The FY 2002 request is based on the required level of support for refuse collection, street cleaning, police and fire protection, pest control, and custodial services. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed non-pay inflation factors and foreign currency rates. Inventory reduction adjustments reflect the sum of computed changes at MACOM level cost per unit rather than changes at an Army-wide cost per unit.

Substantial program decreases are a result of inventory reductions and transfer of housing to private entities.

Program provides fire and police protection for the privatized housing units.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 SERVICES SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

		<u>\$ In Thousands</u>
1. FY 2000 Obligations	[48,856]	
2. FY 2001 Appropriation		44,855
3. Reprogramming		3,460
5. FY 2001 Current Estimate		48,315
6. Price Adjustments:		913
a. Non-Pay Inflation	821	
b. Foreign Currency	92	
7. Program adjustments:		292
a. Decrease due to inventory reduction (4,597 average number of units); includes units to be privatized	-2,026	
b. Increase for Post Privatization site costs	2,318	
8. FY 2002 Budget Request		49,520

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE  
OPERATION ACCOUNT  
FURNISHINGS SUB-ACCOUNT

(\$ in Thousands)	
FY 2002 Budget Request	\$45,546
FY 2001 Current Estimate	\$46,108
FY 2001 Appropriation	\$44,374

The furnishings sub-account is primarily used for controlling, managing, moving and handling, maintaining, and repairing household equipment (i.e., refrigerators, ranges, and where authorized at OCONUS locations, washers and dryers) for family quarters throughout the Army. In addition, furniture items such as beds, tables, dressers, etc., are authorized for OCONUS locations.

Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed pay and non-pay inflation factors. Program decreases are a result of privatization and inventory reductions.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 FURNISHINGS SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5 (Continued)

	<u>\$ In Thousands</u>
1. FY 2000 Obligations	[48,673]
3. FY 2001 Appropriation	44,374
3. Reprogramming	1,734
4. FY 2001 Current Estimate	46,108
5. Price Adjustments:	1,272
a. Non-Pay Inflation	676
b. Pay Adjustment	279
c. Foreign Currency	287
d. One Extra Day Compensation	30
6. Program adjustment: Decrease due to inventory reduction (4,597 average number of units); includes units to be privatized	-1,834
7. FY 2002 Budget Request	45,546

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE  
OPERATION ACCOUNT  
MISCELLANEOUS SUB-ACCOUNT

(\$ in Thousands)	
FY 2002 Budget Request	\$1,277
FY 2001 Current Estimate	\$1,231
FY 2001 Appropriation	\$855

The Miscellaneous sub-account includes funds for payment to non-Department of Defense agencies for housing provided to U.S. soldiers. The FY 2002 request will fund housing provided by the U.S. Coast Guard (USCG) for Army soldier families in New York, Massachusetts, Connecticut, Puerto Rico, California and Florida. Pricing adjustments in the Exhibit OP-5 are based on inflation rates applied to the operation and support USCG units.

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE  
OPERATION ACCOUNT  
MISCELLANEOUS SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. FY 2000 Obligations	[810]
2. FY 2001 Appropriation	855
3. Reprogramming with Congressional notification	376
4. FY 2001 Current Estimate	1,231
5. Price adjustment: Operation & Support costs plus inflation.	46
6. FY 2002 Budget Request	1,277

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 MAINTENANCE AND REPAIR ACCOUNT

(\$ in Thousands)

FY 2002 Budget Request	\$446,806
FY 2001 Current Estimate	\$338,428
FY 2001 Adjusted Appropriation	\$385,845

The value of family housing assets maintained by the Army exceeds \$17 billion in replacement costs. Ensuring that these facilities can be continuously occupied requires sound property management and timely recurring maintenance for preservation and protection of this major investment.

The program adjustment to the FY 2001 current estimate brings the FY 2002 program to minimal essential maintenance levels. There is enough maintenance and repair dollars to keep units safe for assignment, however, there are insufficient dollars to prevent continued deterioration.

This budget request contains a list with a larger number of foreign projects than those in the United States. These foreign projects represent whole-house renovations in support of the Family Housing Master Plan 2001 (FHMP) and are generally more expensive than individual repair projects within the United States.

Overseas, the Army continues the whole-house/whole-neighborhood revitalization program to bring existing facilities up to new construction standards. This program combines all improvements with required maintenance and repairs in the overseas housing upgrade program, minimizing quarter's downtime and frequent disruptions to residents for piece-meal work.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 MAINTENANCE AND REPAIR ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

		<u>\$ In Thousands</u>
1. FY 2000 Obligations	[473,395]	
2. FY 2001 Appropriation		397,792
3. Congressional Adjustment - Foreign Currency		-11,947
4. FY 2001 Adjusted Appropriations		385,845
5. Program Adjustment: Reprogramming for utilities, management and miscellaneous		-47,417
6. FY 2001 Current Estimate		338,428
8. Price adjustment:		6,543
a. Non-Pay inflation	5,753	
b. Foreign Currency	790	
8. Program Adjustments:		101,835
a. Inventory reduction (4,597 average number of units) including units to be privatized.	-17,285	
b. Program increase	29,169	
c. Transfer back from MPA due to privatization slippage for operating costs of housing.	89,951	
9. FY 2002 Budget Request		446,806

<b>1. COMPONENT</b> ARMY	<b>FY 2002 MILITARY CONSTRUCTION PROJECT DATA</b>			<b>2. DATE</b> July 2001	
<b>3. INSTALLATION AND LOCATION</b> Various Locations - World-wide			<b>4. PROJECT TITLE</b> AFH Maintenance and Repair Projects over \$20,000 per Dwelling Unit		
<b>5. PROGRAM ELEMENT</b> 887420	<b>6. CATEGORY CODE</b> 771	<b>7. PROJECT NUMBER</b> Congressional Report Request	<b>8. PROJECT COST (\$000)</b> \$96,435.0		
<b>9. COST ESTIMATES</b>					
<b>ITEM</b>		<b>U/M</b>	<b>QUANTITY</b>	<b>UNIT COST</b>	<b>COST (\$000)</b>
<u>Projects for Repairs to</u>  Family Housing Dwelling Units (Non General/Flag Officer Qtrs (GFOQ))		DU	1,158	--	\$96,435.0
<b>10. Description of Proposed Construction</b>  Projects include work necessary to provide adequate family quarters by repairing/replacing deteriorated building components, i.e., windows, doors, kitchen and bathroom cabinets, countertops, flooring and floor covering, electrical, mechanical, and sanitary systems, light fixtures, chimneys, gutters and downspouts, roofs, and structural components as required. Replacement of building components in quarters designated as historically significant are performed on life cycle analysis, as applicable, in coordination with the State Historical Preservation Office.  <b>11. Requirement for Project:</b> <b>PROJECT:</b> Provides repair in 1,158 units by replacing deteriorated components and/or building systems. These units do not include general or flag officers quarters as projects for those units are reported separately. Projects at installations falling under the Residential Communities Initiative (RCI) Program for FY 02 have been deleted.					

<b>1. COMPONENT</b> ARMY	<b>FY 2002 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> July 2001
<b>3. INSTALLATION AND LOCATION</b> Various Locations - World-wide		
<b>4. PROJECT TITLE</b> Army Family Housing Maintenance and Repair Projects Over \$20,000 per Dwelling Unit (DU)		<b>5. PROJECT NUMBER</b> P1920
<p><u>REQUIREMENTS:</u> Projects are required to accomplish necessary repairs in family quarters to correct deficiencies due to continued use, deterioration or failure of building components. The work proposed is the type necessary to assure continued occupancy, adequately maintain the facility, prevent the unit from further deterioration and is based on life cycle analysis of the component.</p> <p><u>CURRENT SITUATION:</u> These units vary in age up to 179 years. The buildings are structurally sound and worthy of investment; however, the facility components and utility systems are deteriorated to the extent that maintenance is no longer effective, and major repairs or replacement of components are required. Types of repairs to be performed are based on a cost analysis.</p> <p><u>NOTE:</u> This information is provided in accordance with the House Appropriation Committee, Report 106-614, May 11, 2000, requiring the Services to report major repairs in family quarters where the costs (obligations) exceed \$20,000 per dwelling unit in a fiscal year. GFOQs are reported separately where the total obligations for maintenance and repair during the fiscal year will exceed \$25,000. The project listing allows for execution of the projects in FY 02.</p>		

<b>1. COMPONENT</b> ARMY	<b>FY 2002 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> July 2001																																																																																								
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1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE July 2001
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3. INSTALLATION AND LOCATION  
Various Locations - World-wide

4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$20,000 per Dwelling Unit (DU)	5. PROJECT NUMBER P1920
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DESCRIPTION OF WORK TO BE ACCOMPLISHED

			(\$000)	AVG	TOTAL	(\$000)	(\$000)
STATE	NO.	YEAR	AVG D.U.	D.U.	PROJECT	TOTAL	CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>

HAWAII

Schofield Barracks (PN 54727)	50	1978	27.0	1,450	72,500	1,350.0	0.0
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Project is for the reconfiguration of one hundred (100) JNCO two-bedroom dwelling units into fifty (50) four- and five-bedroom dwelling units. Abate asbestos and lead based paint. Major maintenance and repair plus post acquisition construction for the past five years: None.

KANSAS

Fort Leavenworth Historical (PN 54673)	28	1865- 1909	41.1	2,997	83,905	1,150.0	0.0
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Repair or replace existing damaged exterior components. Abate lead-based paint and prime and paint all components. Items to be repaired or replaced, and refinished, include, but are not limited to wood, metal, and concrete components. Window putty around glass panes is to be removed and re-caulked. Major maintenance and repair plus post acquisition construction for the past five years: None.

KENTUCKY

Bluegrass Army Depot Historical (PN 53034)	1	1811	85.0	3,843	3,843	85.0	0.0
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Upgrade electrical, plumbing and HVAC systems. Repair structural defects. Major maintenance and repair plus post acquisition construction for the past five years: None.

NEW YORK

United States Military Academy Historical (PN 56541)	6	1821- 1828	37.0	5,300	31,800	222.0	0.0
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Repair dwelling by repairing porches including roof, floor, columns, steps, gutters and downspouts, screens. Major maintenance and repair plus post acquisition construction for the past five years: None.

<b>1. COMPONENT</b> ARMY	<b>FY 2002 MILITARY CONSTRUCTION PROJECT DATA</b>						<b>2. DATE</b> July 2001	
<b>3. INSTALLATION AND LOCATION</b> Various Locations - World-wide								
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DESCRIPTION OF WORK TO BE ACCOMPLISHED								
STATE <u>INSTALLATION</u>	NO. <u>D.U.</u>	YEAR <u>BUILT</u>	(\$000) AVG D.U. <u>COST</u>	AVG D.U. <u>NSF</u>	TOTAL PROJECT <u>NSF</u>	(\$000) TOTAL <u>CWE</u>	(\$000) CONCUR <u>PAC</u>	
<b><u>NEW YORK</u></b>								
United States Military Academy Historical (PN 54920)	7	1891- 1914	104.3	2,124	14,868	730.0	0.0	
Repair and/or replacement of all failed or failing exterior building components including: wooden porches, wood trim, asbestos and lead based paint (LBP) abatement; repair/replacement of slate and metal roofing, membranes and coatings, copper gutters, copper aprons and flashings; masonry walls chimneys and brick pilasters, damp proofing, parging, landscaping, paving, trash bins and miscellaneous roof sheathing replacement. Repair/replace storm and sanitary laterals to mains. Repair garage for Quarters 126 by replacing foundation and bearing walls and bringing it up to current fire codes. Major maintenance and repair plus post acquisition construction for the past five years: None.								
United States Military Academy Historical	6	1821- 1828	96.0	5,300	31,800	576.0	0.0	
Repair dwelling by abating exterior lead-based paint, including replacement of necessary exterior millwork, and painting the exterior. Major maintenance and repair plus post acquisition construction for the past five years: None.								
United States Military Academy Historical	4	1875	48.0	1,800	7,200	192.0	0.0	
Repair dwelling by abating exterior lead-based paint, including replacement of necessary exterior millwork, and painting the exterior. Major maintenance and repair plus post acquisition construction for the past five years: None								

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE July 2001
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3. INSTALLATION AND LOCATION  
Various Locations - World-wide

4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$20,000 per Dwelling Unit (DU)	5. PROJECT NUMBER P1920
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DESCRIPTION OF WORK TO BE ACCOMPLISHED

			(\$000)	AVG	TOTAL	(\$000)	(\$000)
STATE	NO.	YEAR	AVG D.U.	D.U.	PROJECT	TOTAL	CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>

PENNSYLVANIA

Carlisle Barracks Historical (PN 54531)	119	1821- 1947	21.8	1,574	187,291	2,600.0	0.0
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Replace existing central steam heat plant and underground distribution system with natural gas fired modular boilers. Existing steam and hot water heating equipment shall be removed from individual buildings, existing steam distribution system manholes demolished and backfilled, and underground steam piping capped and abandoned in place. Increased gas distribution system capacity shall be obtained by replacing low-pressure regulators with medium pressure regulators and increasing operating pressure of the distribution system. Major maintenance and repair plus post acquisition construction for the past five years: None.

VIRGINIA

Fort Eustis (PN 54604)	23	1962	41.3	1,700	39,100	950.0	0.0
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Project will provide new energy efficient double pane windows, place insulation on existing duct work, replace interior electrical wiring, upgrade existing power panels and install GFIC receptacles, repair ceilings and walls. Bathroom fixtures will be replaced as well as water and sewer lines. Laundry area will be separated from kitchen creating laundry room. Abate lead-based paint and asbestos. Major maintenance and repair plus post acquisition construction for the past five years: None.

Fort Monroe Historical (PN 54649)	2	1890	490.0	3,763	7,526	980.0	0.0
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Revitalize quarters to include replacement of all water, sewer, gas and electrical pipes and wiring, window and door refurbishment, abatement or encapsulation of lead and asbestos, heating and air conditioning equipment replacement; structural, roof, flooring and foundation repairs. Repair interior and exterior finishes, provide additional insulation, repair kitchens and baths and improve lighting. Grading and site drainage will be addressed. Major maintenance and repair plus post acquisition construction for the past five years: None.

<b>1. COMPONENT</b> ARMY	<b>FY 2002 MILITARY CONSTRUCTION PROJECTS DATA</b>						<b>2. DATE</b> July 2001	
<b>3. INSTALLATION AND LOCATION</b> Various Locations - World-wide								
<b>4. PROJECT TITLE</b> Army Family Housing Maintenance and Repair Projects over \$20,000 per Dwelling Unit (DU)						<b>5. PROJECT NUMBER</b> P1920		
DESCRIPTION OF WORK TO BE ACCOMPLISHED								
STATE <u>INSTALLATION</u>	NO. <u>D.U.</u>	YEAR <u>BUILT</u>	(\$000) AVG D.U. <u>COST</u>	AVG D.U. <u>NSF</u>	TOTAL PROJECT <u>NSF</u>	(\$000) TOTAL <u>CWE</u>	(\$000) CONCUR <u>PAC</u>	
<u>GERMANY</u>								
Amberg (PN 52489)	24	1955	75.0	1,121	26,892	1,800.0	0.0	
Renovation senior enlisted stairwell, apartment type. Work includes comprehensive maintenance and repair of failed/failing interior hot and cold water pipes, sewer lines, heating pipes, radiators, interior plaster, interior painting and floor covering. Repair of bathrooms, kitchens, stairwell, railings and upgrade of the interior fire protection systems. Includes providing a laundry in the two bedroom units. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								
Bamberg (PN 49870)	54	1955	78.7	1,010	54,558	4,250.0	0.0	
Major maintenance and repair of 54 (18-two, 18-three, and 18-four bedroom) junior enlisted family housing units. Work includes; replace failed floors, upgrade kitchen and bathrooms; replace built-in closets; repair interior plaster, heating lines, radiators, plumbing, balconies and electrical systems and paint throughout; install new doors, install sprinkler system, upgrade entryways and stairwells. Install laundry facility in 2-BR units. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								
Baumholder (PN 52636)	56	1952 - 1955	96.4	1,101	61,680	5,400.0	0.0	
Renovate Sr NCO stairwell apartments. Renovate kitchen and bathroom, including built-in closets and pantry, providing space for laundry washer and dryer directly in each apartment. Add a second bathroom to apartments with more than two bedrooms. Repair floor covering. Fire sprinkler systems will be installed in all apartments. Insulate and replace heating system. Replace and upgrade the electrical system. Install new interior and exterior doors and hardware, repair windows, and replace or repair exterior plaster. Replace plumbing, repair roofing and paint throughout. Abate asbestos and lead-based paint. Upgrade exterior areas. Replace exterior utility lines. Repave parking and repair sidewalks. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE July 2001
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3. INSTALLATION AND LOCATION  
Various Locations - World-wide

4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$20,000 per Dwelling Unit (DU)	5. PROJECT NUMBER P1920
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DESCRIPTION OF WORK TO BE ACCOMPLISHED

			(\$000)	AVG	TOTAL	(\$000)	(\$000)
STATE	NO.	YEAR	AVG D.U.	D.U.	PROJECT	TOTAL	CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>
Baumholder (PN 52642)	12	1952 - 1956	158.3	1,416	16,992	1,900.0	0.0

Major maintenance and repair of 12 (4 two-bedroom, 4 three-bedroom, and 4 four-bedroom) family housing units. Dwelling units consist of 2 sets of duplex apartments (4 DUs) and an 8 apartment multiplex building (8 DUs). Reconfiguration of apartments within the 8-apartment multiplex building will provide more three- and four-bedroom apartments, with a total net result of 12 (2 three-bedroom and 10 four-bedroom) FGO family housing units. Reconfiguration will be applied to the multiplex building only. Fire sprinkler systems will be installed in all apartments. Work includes interior modifications to improve floor plan layout and functionality, redesign and upgrade of the kitchen and bathroom, including built-in closets and pantry, providing space for laundry washer and dryer directly in each apartment, assuring space and electrical capacity for dishwashers and microwaves, and adding a second bathroom to multiplex apartments. The four duplex dwelling units will remain unreconfigured with 4 bedrooms each. Floor covering will be repaired or replaced throughout. Insulate to current energy standards and replace heating system with energy efficient equipment. Replace and upgrade the electrical system including fixtures to meet current standards. Install new interior and exterior doors and hardware, repair windows, and replace or repair exterior plaster. Replace plumbing, repair roofing and paint throughout. Repair duplex balconies. Asbestos and lead-based paint abatement will be accomplished. Upgrade landscaping, playgrounds and exterior areas, telephone lines, streetlights and storm drainage. Replace exterior utility lines from the street to the building (gas, water and sewer). Repave parking and re-stripe to maximize parking capacity, and repair sidewalks. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

<b>1. COMPONENT</b> ARMY	<b>FY 2002 MILITARY CONSTRUCTION PROJECT DATA</b>					<b>2. DATE</b> July 2001	
<b>3. INSTALLATION AND LOCATION</b> Various Locations - World-wide							
<b>4. PROJECT TITLE</b> Army Family Housing Maintenance and Repair Projects over \$20,000 per Dwelling Unit (DU)					<b>5. PROJECT NUMBER</b> P1920		
DESCRIPTION OF WORK TO BE ACCOMPLISHED							
STATE	NO.	YEAR	(\$000) AVG D.U.	AVG D.U.	TOTAL PROJECT	(\$000) TOTAL	(\$000) CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>
Darmstadt (PN 53598)	56	1954	100.0	1,103	61,784	5,600.0	0.0
Major renovation of Company Grade Officers and Senior Enlisted Non-Commissioned Officers quarters. Work includes interior modifications to improve floor plan layout, and the functionality of the kitchens and bathrooms, providing space for laundry washer and dryer directly in each apartment and adding a master bathroom with shower to apartments with three bedrooms. Floor covering will be replaced where failing. Replace failing interior utility systems. Upgrade electrical system including fixtures to current standards, and install power outlets for both 110V and 220V. Upgrade telecommunication systems to include cable television, and fire protection systems to required standards to include the installation of water sprinkler systems in all basements and apartments. Install new interior doors and apartment front doors. Replace built-in closets and pantry. Renovate stairwells to meet fire and safety standards and refurbish stairs and landings, to include replacement of unsafe railing. Repair exterior plaster and roofs. Abate asbestos and lead-based paint. Replace failing house connection water lines. Upgrade building front yards to provide 2 parking spaces per apartment where feasible, trash container screening, adequate pedestrian access and exterior lighting. Provide exterior storage. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Garmisch (PN 54832)	24	1956	87.5	1,034	24,824	2,100.0	0.0
Repair and repaint interior of apartments and building, repair floors, replace interior doors, upgrade electrical system and add 120 V voltage to all rooms, replace all light switches and fixtures, replace hot and cold water lines, upgrade heating lines and radiators, renovate bathrooms, replace kitchens, install fire sprinkler systems, replace closets, install fire protection systems and replace windows in stairwells, install second bathroom in 3-bedroom quarters, install washer and dryer laundry connections in apartments, repair/replace stairwell railing, repair stairs. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Garmisch (PN 54833)	4	1956	100.0	1,318	5,270	400.0	0.0
Replace water and heating lines, replace heating radiators, re-plaster, repaint interior. Repair floors as required. Replace kitchen and bathrooms. Upgrade electrical system and dual 120/220 V to present electrical code. Install fire suppression system to meet fire code. Replace closets and other cabinetry. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE July 2001
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3. INSTALLATION AND LOCATION  
Various Locations - World-wide

4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$20,000 per Dwelling Unit (DU)	5. PROJECT NUMBER P1920
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DESCRIPTION OF WORK TO BE ACCOMPLISHED							
STATE	NO.	YEAR	(\$000) AVG D.U.	AVG D.U.	TOTAL PROJECT	(\$000) TOTAL	(\$000) CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>
Giessen (PN 52369)	54	1955	103.7	996	53,800	5,600.0	0.0
<p>Repair and replace exterior underground and supporting utilities. Work includes interior modifications to improve functionality, redesign and upgrade of kitchen and first bathroom to current standards, providing space for laundry washer and dryer directly in 2BR apartments, and repairing all balconies. Fire Sprinkler systems will be installed in all apartments. Floor covering will be replaced where required. Insulate and replace heating system. Upgrade electrical system including fixtures to current standards. Repair windows and appurtenances, and plumbing. Repair/replace exterior plaster, insulation, and paint. Install new interior and exterior doors and hardware. Repair/replace entrances and stairwells, including doors, electrical switches and outlets, lighting fixtures, flooring, railings, mailboxes (to exterior), doorbells/intercom (with mailboxes), information boards, weather overhang, entrance furnishings, appurtenances and landscaping. Abate asbestos and lead-based paint. Upgrade landscaping, playgrounds. Provide additional parking, and repave streets and sidewalks. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							
Giessen (PN 52370)	54	1955	103.7	996	53,800	5,600.0	0.0
<p>Repair and replace exterior underground and supporting utilities. Provide space for laundry washer and dryer directly in each 2BR apartment. Repair balconies. Install fire sprinkler systems. Floor covering will be repaired or replaced. Insulate and replace heating system. Upgrade electrical system. Repair windows and appurtenances, spot repair exterior plaster and paint, plumbing, spot repair roofing &amp; insulation, and paint throughout. Install new interior and exterior doors and hardware. Repair/replace entrances and stairwells, including doors, electrical switches and outlets, lighting fixtures, flooring, railings, mailboxes (to exterior), doorbells/intercom (with mailboxes), information boards, weather overhang, entrance furnishings, appurtenances and landscaping. Abate asbestos and lead-based paint and replace cabinetry and doors which have lead-based paint. Upgrade landscaping, playgrounds, underground electric and telephone lines, streetlights and storm drainage. Replace utility lines (water, sewer, gas). Provide additional parking, and repave streets and sidewalks. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE July 2001
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**3. INSTALLATION AND LOCATION**  
Various Locations - World-wide

**4. PROJECT TITLE**  
Army Family Housing Maintenance and Repair Projects  
over \$20,000 per Dwelling Unit (DU)

**5. PROJECT NUMBER**  
P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE	NO.	YEAR	(\$000) AVG D.U.	AVG D.U.	TOTAL PROJECT	(\$000) TOTAL	(\$000) CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>

Grafenwoehr (PN 52420)	24	1972	87.5	990	23,766	2,100.0	0.0
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Work includes comprehensive maintenance and repair of failed/failing interior hot and cold water pipes, sewer lines, heating pipes, radiators, ceiling and wall plaster, exterior plaster to include exterior insulation, installation of exterior doors and hardware, insulated windows with insect screens, replacement of the roofing, exterior painting, replacement of rain gutters and eave flashing. Upgrade of the interior fire alarm and installation of sprinkler system, 220V/110V electrical system, telephone and antenna system. This work also includes providing laundry in the two bedroom apartments and a second bath and laundry in the three bedroom units. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Grafenwoehr (PN 52484)	24	1972	91.7	1,189	28,536	2,200.0	0.0
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Renovation of 24 senior enlisted quarters. Work includes comprehensive maintenance and repair of failed/failing interior hot and cold water pipes, sewer lines, heating pipes, radiators, ceiling and wall plaster, exterior plaster to include exterior insulation, installation of exterior doors and hardware, insulated windows with insect screens, replacement of the roofing, exterior painting, replacement of rain gutters and eave flashing. Upgrade of the interior fire alarm and installation of sprinkler system, 220V/110V electrical system, telephone and antenna system. This work also includes providing a second bath and laundry in the three and four bedroom units. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE July 2001
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3. INSTALLATION AND LOCATION  
Various Locations - World-wide

4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$20,000 per Dwelling Unit (DU)	5. PROJECT NUMBER P1920
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DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE	NO.	YEAR	(\$000) AVG D.U.	AVG D.U.	TOTAL PROJECT	(\$000) TOTAL	(\$000) CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>
Hanau (PN 52511)	48	1953	91.7	1,166	55,968	4,400.0	0.0
<p>Renovation three enlisted family housing buildings. Repair and replace exterior underground and supporting utilities. Provide space for laundry washer and dryer directly in each apartment. Add a master bathroom with shower to apartments with three or more bedrooms. Floor covering will be replaced where required. Fire sprinkler systems will be installed. Insulate and replace heating system. Upgrade electrical system including outlets for both 110 and 220 voltage. Repair windows and appurtenances, roofs, exterior plaster, and plumbing; insulate, and paint throughout. Install new doors and hardware. Repair/replace entrances and stairwells. Abate asbestos and lead-based paint. Upgrade landscaping, playgrounds, underground electric and telephone lines, streetlights and storm drainage. Replace utility lines (water, sewer, gas). Provide additional parking and repave streets and sidewalks. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							
Hanau (PN 52640)	54	1955	88.0	1,044	56,393	4,750.0	0.0
<p>Renovate three junior non-commissioned officer (Jr NCO) multi-story stairwell apartment buildings. Replace exterior underground and supporting utilities. Upgrade kitchen and first bathroom, provide space for laundry, install a master bathroom with shower to three bedroom apartments, redesign and upgrade second bathrooms in four-bedroom apartments, and repair balconies. Replace or repair floor covering throughout. Fire sprinkler systems will be installed. Insulate and replace heating system. Upgrade electrical system, including fixtures and outlets for both 110 and 220 voltage. Repair windows and appurtenances, exterior plaster, plumbing, roofing; insulate; and paint throughout. Install new interior and exterior doors and hardware. Repair entrances and stairwells. Abate asbestos and lead-based paint. Repair underground electric and telephone lines, streetlights and storm drainage. Replace utility lines (water, sewer, gas). Provide additional parking and repave sidewalks. Build and screen dumpster areas and provide recycling container pads. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							

<b>1. COMPONENT</b> <b>ARMY</b>	<b>FY 2002 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> <b>July 2001</b>
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**3. INSTALLATION AND LOCATION**  
Various Locations - World-wide

**4. PROJECT TITLE**  
Army Family Housing Maintenance and Repair Projects  
over \$20,000 per Dwelling Unit (DU)

**5. PROJECT NUMBER**  
P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE	NO.	YEAR	(\$000)	AVG	TOTAL	(\$000)	(\$000)
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>AVG D.U.</u>	<u>D.U.</u>	<u>PROJECT</u>	<u>TOTAL</u>	<u>CONCUR</u>
			<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>

Heidelberg (PN 52708)	72	1956	105.6	1,063	76,524	7,600.0	0.0
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Renovate stairwell apartment units for Junior Enlisted Non-Commissioned Officers and Company Grade Officers. Reconfigure 12 four-bedroom units and associated maids rooms to 12 five-bedroom units. Upgrade kitchens and bathrooms. Provide space for laundry washer and dryer in apartment. Add a master bathroom with shower to apartments with three bedrooms. Floor covering will be replaced where failing. Replace failing interior utility systems. Upgrade electrical system. Upgrade telecommunication systems to include cable television, and fire protection systems. Install new interior doors and apartment front doors. Replace built-in closets and pantry. Renovate stairwells. Repair plaster and roofs. Abate asbestos and lead-based paint. Replace connection water lines. Provide additional parking, trash container screening, adequate pedestrian access and exterior lighting. Improve building back yards to include picnic tables, benches and storage huts for garden tools. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Mannheim (PN 53071)	126	1955	95.2	1,002	126,252	12,000.0	0.0
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Renovate enlisted family housing units. Repair/replacement of the kitchens and bathrooms. Provide space for washer and dryer in two-bedroom apartment. Floor covering will be replaced where failing. Replace interior utility lines. Upgrade electrical and cable systems. Install water sprinkler systems. Install new interior doors and apartment front doors. Replace built-in closets and pantry. Renovate stairwells. Repair basements and upgrade entry areas. Replace heating and hot water generating systems. Repair defective windows. Repair/replace roofing. Paint apartments and building facades. Abate asbestos and lead-based paint. Mothball temporary quarters in the attics of all buildings. Replace house connection water lines. Provide additional parking, trash container screening, adequate pedestrian access and exterior lighting. Improve building back yards to include landscaping and site furniture, such as picnic tables, benches, grills, and storage huts for garden tools. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE July 2001
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3. INSTALLATION AND LOCATION  
Various Locations - World-wide

4. PROJECT TITLE Army Family Housing Maintenance and Repair Projects over \$20,000 per Dwelling Unit (DU)	5. PROJECT NUMBER P1920
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DESCRIPTION OF WORK TO BE ACCOMPLISHED

			(\$000)	AVG	TOTAL	(\$000)	(\$000)
STATE	NO.	YEAR	AVG D.U.	D.U.	PROJECT	TOTAL	CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>

Schweinfurt (PN 52296)	36	1955	105.6	968	34,847	3,800.0	0.0
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Renovation enlisted family housing units. Includes exterior facades, upgrade insulation, rain gutters and downspouts, roof tiles, balconies, sewer ground lines, interior doors and frames, bathrooms, kitchen, cabinets and closets, interior wall and ceiling surfaces, floor coverings, light fixtures, electrical system, playgrounds and landscaping. Fire- protection systems to be installed includes sprinkler systems, central fire alarm system, fire-resistant T-30 doors, with panic hardware, and replacement of deteriorated smoke detectors. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Stuttgart (PN 54838)	27	1957	40.7	2,789	75,299	1,100.0	0.0
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Replace Roofs on senior officer family housing to include clay tile surface, rafters, gutters and downspouts. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

Wiesbaden (PN 52643)	72	1953	95.8	997	71,758	6,900.0	0.0
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Renovate junior non-commissioned officer stairwell family housing buildings. Includes upgrade kitchen and first bathroom. Provides for washers and dryers in each apartment, and master bathroom in quarters with three or more bedrooms. Floor covering will be replaced or repaired throughout. Fire sprinkler systems will be installed. Insulate to current energystandards and replace heating and cooling systems with energy efficient equipment. Upgrade electrical system. Install new interior and exterior doors and hardware, repair windows, and exterior plaster. Replace plumbing, roofing, attic insulation, and paint throughout. Abate asbestos and lead-based paint. Upgrade landscaping, playgrounds, underground electric and telephone lines, streetlights and storm drainage. Replace exterior utility lines from the street to the building. Provide additional off-street parking, re-pave street parking and sidewalks. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

1. COMPONENT ARMY	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE July 2001
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3. INSTALLATION AND LOCATION  
Various Locations - World-wide

4. PROJECT TITLE  
Army Family Housing Maintenance and Repair Projects  
over \$20,000 per Dwelling Unit (DU)

5. PROJECT NUMBER  
P1920

DESCRIPTION OF WORK TO BE ACCOMPLISHED

STATE	NO.	YEAR	(\$000) AVG D.U.	AVG D.U.	TOTAL PROJECT	(\$000) TOTAL	(\$000) CONCUR
<u>INSTALLATION</u>	<u>D.U.</u>	<u>BUILT</u>	<u>COST</u>	<u>NSF</u>	<u>NSF</u>	<u>CWE</u>	<u>PAC</u>

JAPAN

Sagamihara Gen Depot (PN 51293)	35	1960	220.9	1,456	50,955	7,100.0	0.0
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Work includes repairs to kitchen and laundry area; bathrooms; architectural millwork; walls, floors, and ceiling; stairway; exterior balcony; interior and exterior plumbing; HVAC system; sewer system; and interior and exterior electrical systems. Repairs to the kitchen include replacement of the worn out floor covering; cracked and warped kitchen base and wall cabinets; pantry, deteriorated countertops and backsplash; and replacement of the kitchen equipment such as the sink, faucets, dishwasher, range, etc. The existing windows will be replaced and portions of the existing ceiling and walls will be replaced. Repairs the bathrooms to include replacement of the water closet, sink with vanity cabinet, faucets, bathtub/shower with mixing valve, bathroom accessories, medicine cabinet, light fixtures, wall and floor tiles, ceiling and installation of an exhaust fan. Repair the baseboards, ceiling and ceiling molding, windows and trim, exterior and screen doors, interior doors, sliding patio doors, all door frames, floor covering and wainscot, stairways, and includes asbestos and lead-based paint abatement work. Major maintenance and repair plus post acquisition construction for the past 5 years: None.

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ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATEGENERAL/FLAG OFFICER QUARTERS (GFOQs)  
ESTIMATED MAINTENANCE AND REPAIRS  
EXCEEDING \$25,000 PER DWELLING UNIT

The projects list in this section is provided in accordance with the reporting requirement stated in Conference Report 106-710, June 29, 2000. This section provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations in FY 02 are expected to exceed \$25,000 per dwelling unit. Maintenance and repairs include recurring work (service calls, preventive maintenance, and routine work between occupancy), as well as major repairs. Ninety-six GFOQs are listed with a total maintenance and repair cost of \$10,766,209.

In those quarters designated as historic, major work is coordinated with the appropriate State Historic Preservation Office. The majority of our GFOQs were built prior to the Congressional size limitations and are generally larger than more contemporary structures. The Army has stewardship for historic dwelling units and a legal responsibility under the provisions of the National Historic Preservation Act, P.L. 89-665 as amended, to preserve and maintain these units. Deferring required repairs will accelerate the rate of deterioration, increase the final cost of repairs, and preclude compliance with Congressionally directed preservation responsibilities.

Experience has shown that it is more cost effective to execute one large repair project on a unit to eliminate the deficiencies in lieu of programming multiple smaller projects spread over several years. The Army's project review and approval process eliminates unnecessary maintenance and repair. The requested repairs are necessary to ensure that the quarters are maintained in a safe, sanitary and livable condition. Failure to make these repairs will critically impact the condition of quarters and may render them uninhabitable.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

ALASKA

Fort Richardson  
 (PN 54595)

65 Halibut Dr	2,180	no	1959	\$59,800	-	-
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Operations - \$10,000; Total O&M - \$69,800.  
 Maintenance and repairs including service orders - \$1,200;  
 routine maintenance and repairs including preventive maintenance  
 - \$1,200; grounds maintenance - \$6,500; major repairs include  
 replacement of heating system - \$50,000; and other real property  
 - \$900.

ARIZONA

Fort Huachuca  
 (PN 54549)

137 Grierson	4,036	yes	1884	\$579,800	-	-
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Operations - \$6,200; Total O&M - \$586,000.  
 Maintenance and repairs including service orders - \$2,500;  
 routine maintenance and repairs including between occupancy  
 maintenance - \$2,500; grounds maintenance - \$1,800; and major  
 repairs including the renovation of structural components and  
 systems - \$573,000.

DISTRICT OF COLUMBIA

Fort McNair  
 (PN 56133)

201 Second Ave Quarters #1	3,184	yes	1903	\$148,500	-	-
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Operations - \$30,322; Total O&M - \$178,822.  
 Maintenance and repairs include service orders - \$22,000;  
 routine maintenance and repairs including between occupancy  
 maintenance - \$15,000; interior painting - \$15,000; grounds  
 maintenance - \$1,000; incidental improvements - \$5,500; and  
 major repairs include renovation of bathrooms - \$90,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE  
 INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW  
 QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK  
 DISTRICT OF COLUMBIA (con't)

Fort McNair (con't)  
 (PN 56136)

205 Second Ave 3,184 yes 1905 \$148,500 - -  
 Quarters #2

Operations - \$24,944; Total O&M - \$173,444.  
 Maintenance and repairs include service orders - \$22,000;  
 routine maintenance and repairs including between occupancy  
 maintenance - \$15,000; interior painting - \$15,000; grounds  
 maintenance - \$1,000; incidental improvements - \$5,500; and  
 major repairs include renovation of bathrooms - \$90,000.

(PN 51861)

209 Second Ave 3,184 yes 1903 \$1,258,500 - -  
 Quarters #3

Operations - \$44,060; Total O&M - \$1,302,560.  
 Maintenance and repairs include service orders - \$22,000;  
 routine maintenance and repairs including between occupancy  
 maintenance - \$15,000; interior painting - \$15,000; grounds  
 maintenance - \$1,000; incidental improvements - \$5,500; and  
 major repairs include whole house renovation - \$1,200,000.

213 Second Ave 3,169 yes 1903 \$63,500 - -  
 Quarters #4

Operations - \$18,572; Total O&M - \$82,072.  
 Maintenance and repairs include service orders - \$22,000;  
 routine maintenance and repairs including between occupancy  
 maintenance - \$20,000; interior painting - \$15,000; grounds  
 maintenance - \$1,000; and incidental improvements - \$5,500.

(PN 56137)

217 Second Ave 3,197 yes 1903 \$153,500 - -  
 Quarters #5

Operations - \$15,422; Total O&M - \$168,922.  
 Maintenance and repairs include service orders - \$22,000;  
 routine maintenance and repairs including between occupancy  
 maintenance - \$15,000; interior painting - \$15,000; grounds  
 maintenance - \$1,000; incidental improvements - \$5,500; and  
 major repairs include renovation of kitchen and bathrooms -  
 \$95,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE  
 INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW  
 QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK  
 DISTRICT OF COLUMBIA (cont'd)

Fort McNair (cont'd)  
 (PN 56134)

221 Second Ave 3,184 yes 1903 \$153,500 - -  
 Quarters #6

Operations - \$30,190; Total O&M - \$183,690.  
 Maintenance and repairs include service orders - \$22,000;  
 routine maintenance and repairs including between occupancy  
 maintenance - \$15,000; interior painting - \$15,000; grounds  
 maintenance - \$1,000; incidental improvements - \$5,500; and  
 major repairs include renovation of kitchen and bathrooms -  
 \$95,000.

(PN 56156)

225 Second Ave 4,436 yes 1903 \$158,500 - -  
 Quarters #7

Operations - \$23,515; Total O&M - \$182,015.  
 Maintenance and repairs include service orders - \$22,000;  
 routine maintenance and repairs including between occupancy  
 maintenance - \$15,000; interior painting - \$15,000; grounds  
 maintenance - \$1,000; incidental improvements - \$5,500; and  
 major repairs include renovation of kitchen and bathrooms -  
 \$100,000.

229 Second Ave 4,057 yes 1903 \$43,500 - -  
 Quarters #8

Operations - \$24,622; Total O&M - \$68,122.  
 Maintenance and repairs include service orders - \$22,000;  
 routine maintenance and change of occupancy - \$15,000; grounds  
 maintenance - \$1,000 and incidental improvements - \$5,500

(PN 56135)

233 Second Ave 4,278 yes 1903 \$158,500 - -  
 Quarters #9

Operations - \$35,223; Total O&M - \$193,723.  
 Maintenance and repairs include service orders - \$22,000;  
 routine maintenance and repairs including between occupancy  
 maintenance - \$15,000; interior painting - \$15,000; grounds  
 maintenance - \$1,000; incidental improvements - \$5,500; and  
 major repairs include renovation of kitchen and bathrooms -  
 \$100,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK
DISTRICT OF COLUMBIA (cont'd)							
Fort McNair (cont'd)							
	237 Second Ave	3,169	yes	1903	\$27,500	-	-
Quarters #10							
Operations - \$23,572; Total O&M - \$51,072.							
Maintenance and repairs include service orders - \$22,000; and incidental improvements - \$5,500.							
	241 Second Ave	3,169	yes	1903	\$27,500	-	-
Quarters #11							
Operations - \$13,622; Total O&M - \$41,122.							
Maintenance and repairs include service orders - \$22,000; and incidental improvements - \$5,500.							
	245 Second Ave	3,169	yes	1903	\$63,500	-	-
Quarters #12							
Operations - \$25,288; Total O&M - \$88,788.							
Maintenance and repairs include service orders - \$22,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; and incidental improvements - \$5,500.							
(PN 56163)							
	249 Second Ave	3,169	yes	1903	\$151,500	-	-
Quarters #13							
Operations - \$24,572; Total O&M - \$176,072.							
Maintenance and repairs include service orders - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance - \$1,000; incidental improvements - \$5,500; and major repairs include renovation of kitchen and bathrooms - \$90,000.							
	253 Second Ave	3,169	yes	1903	\$32,500	-	-
Quarters #14							
Operations - \$13,572; Total O&M - \$46,072.							
Maintenance and repairs include service orders - \$22,000; routine maintenance - \$5,000; and incidental improvements - \$5,500.							

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

DISTRICT OF COLUMBIA (cont'd)

Fort McNair (cont'd)

257 Second Ave	3,169	yes	1903	\$27,500	-	-
Quarters #15						

Operations - \$13,572; Total O&M - \$41,072.

Maintenance and repairs include service orders - \$22,000; and incidental improvements - \$5,500.

GEORGIA

Fort Benning

(PN 54498)

100 Vibert	6,118	yes	1918	\$64,200	-	-
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Operations - \$8,750; Total O&M - \$72,950.

Maintenance and repairs include service orders - \$5,100; routine maintenance and repairs including between occupancy maintenance - \$6,100; interior painting - \$7,000; grounds maintenance - \$5,000; major repairs include roof replacement, lead-based paint abatement, and replacement of exterior wood trim - \$40,000; and exterior utilities - \$1,000.

Fort Gordon

(PN 51317)

4 Boardman	2,556	no	1928	\$35,495	-	-
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Operations - \$4,100; Total O&M - \$39,595.

Maintenance and repairs include service orders - \$4,480; routine maintenance and repairs including between occupancy maintenance - \$1,100; interior painting - \$1,500; self-help - \$25; grounds maintenance - \$3,040; major repairs include replacement of the porch - \$25,000; and exterior utilities - \$350.

Fort McPherson

(PN 54847)

1359 Staff Row	5,046	yes	1891	\$205,982	-	-
Quarters #13E						

Operations - \$16,644; Total O&M - \$222,626.

Maintenance and repairs include service calls - \$2,500; routine and preventive maintenance - \$1,500; grounds maintenance - \$1,982; and major repairs include the repair of exterior components, lead-based paint abatement - \$200,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE							
INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &			NEW
QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE		WORK

GEORGIA (cont'd)

Fort McPherson (cont'd)  
 (PN 54847)

1365 Staff Row	5,046	yes	1891	\$205,982	-	-
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Quarters #13W

Operations - \$16,644; Total O&M - \$222,626.  
 Maintenance and repairs include service calls - \$2,500; routine and preventive maintenance - \$1,500; grounds maintenance - \$1,982; and major repairs include the repair of exterior components, lead-based paint abatement - \$200,000.

(PN 54850)

1389 Staff Row	3,885	yes	1892	\$313,684	-	-
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Quarters #17E

Operations - \$15,899; Total O&M - \$329,583.  
 Maintenance and repairs include service calls - \$2,500; routine and preventive maintenance - \$1,200; grounds maintenance - \$1,984; major repairs include the repair and renovation of the unit to current standards, lead-based paint abatement - \$280,000; and design - \$28,000.

(PN 54850)

1397 Staff Row	3,885	yes	1892	\$313,684	-	-
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Quarters #17W

Operations - \$15,899; Total O&M - \$329,583.  
 Maintenance and repairs include service calls - \$2,500; routine and preventive maintenance - \$1,200; grounds maintenance - \$1,984; major repairs include the repair and renovation of the unit to current standards, lead-based paint abatement - \$280,000; and design - \$28,000.

(PN 54848)

1417 Staff Row	5,081	yes	1904	\$300,354	-	-
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Quarters #20

Operations - \$17,308; Total O&M - \$317,662.  
 Maintenance and repairs include service calls - \$2,500; routine and preventive maintenance - \$1,500; grounds maintenance - \$354; major repairs include the repair and renovation of the unit to current standards, lead-based paint abatement - \$280,000; and design - \$16,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

KANSAS

Fort Riley

1	Barry Avenue	5,163	yes	1888	\$44,901	-	-
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Operations - \$6,676; Total O&M - \$51,577.  
 Maintenance and repairs include service calls - \$1,159; routine and preventive maintenance - \$3,405; self-help - \$530; grounds maintenance - \$4,534; incidental improvements - \$2,900; and major repairs include the abatement of lead-based paint from windows - \$32,373.

100	Schofield	4,487	yes	1887	\$42,723	-	-
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Operations - \$5,205; Total O&M - \$47,928.  
 Maintenance and repairs include service calls - \$1,159; routine and preventive maintenance - \$2,214; interior painting - \$1,822; exterior painting - \$3,500; self-help - \$243; grounds maintenance - \$1,885; incidental improvements - \$2,900; and major repairs include the replacement of storm sewer - \$29,000.

Fort Leavenworth

(PN 54646)

1	Scott	5,545	yes	1861	\$58,500	-	-
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Operations - \$8,075; Total O&M - \$66,575.  
 Maintenance and repairs include service orders - \$1,300; routine maintenance and repairs including between occupancy maintenance - \$9,100; interior painting - \$1,500; exterior painting - \$14,000; major repairs include renovation of the kitchen - \$27,900; and other real property - \$4,700.

(PN 54545)

611	Scott	4,966	yes	1841	\$75,040	-	-
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Operations - \$19,420; Total O&M - \$94,460.  
 Maintenance and repairs include service orders - \$1,500; routine and preventive maintenance - \$3,900; major repairs include repair/replacement of wood siding, trim, and stone foundation - \$65,340; and other real property - \$4,300.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

KENTUCKY

Fort Campbell  
 (PN 51916)

5001 Farmhouse	3,440	yes	1833	\$160,300	-	-
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Operations - \$7,650; Total O&M - \$167,950.  
 Maintenance and repairs include service orders - \$3,600; routine maintenance and repairs including between occupancy maintenance - \$4,000; interior painting - \$3,000; ground maintenance - \$4,500; incidental improvements - \$1,000; major repairs include replacement of the heating and air conditioning system including duckwork - \$144,000; and exterior utilities - \$200.

NORTH CAROLINA

Fort Bragg  
 (PN 53570)

2 Capron St	2,463	yes	1930	\$50,200	-	-
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Operations - \$8,475; Total O&M - \$58,675.  
 Maintenance and repairs include service calls - \$1,800; routine maintenance and preventive maintenance - \$2,000; grounds maintenance - \$1,900; incidental improvements - \$1,500; and major repairs includes the renovation of the kitchen - \$43,000.

(PN 53571)

1 Dupont Plaza	2,722	yes	1930	\$50,000	-	-
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Operations - \$8,275; Total O&M - \$58,275.  
 Maintenance and repairs include service calls - \$1,700; routine maintenance and preventive maintenance - \$1,800; grounds maintenance - \$2,000; incidental improvements - \$1,500; and major repairs include the renovation of the kitchen - \$43,000.

NEW YORK

West Point

100 Jefferson	10,558	yes	1820	\$29,500	-	-
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Operations - \$16,200; Total O&M - \$45,700.  
 Maintenance and repairs include service calls - \$6,000; routine maintenance and preventive maintenance - \$5,000; interior painting - \$6,000; grounds maintenance - \$4,000; project design for repair/replacement of air conditioning system - \$7,000; and other real property - \$1,500.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

NEW YORK (cont'd)

West Point (cont'd)

101 Jefferson	4,400	yes	1819	\$67,500	-	-
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Operations - \$12,400; Total O&M - \$79,900.  
 Maintenance and repairs include service calls - \$8,000; routine maintenance and repairs including between occupancy maintenance - \$22,000; interior painting - \$2,000; grounds maintenance - \$10,000; major repairs include replacement of sewer lateral to manhole - \$15,000; and repairs to retaining wall - \$10,500.

(PN 55259)

102 Washington	6,000	yes	1857	\$390,000	-	-
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Operations - \$14,400; Total O&M - \$404,400.  
 Maintenance and repairs include service calls - \$7,000; routine maintenance and preventive maintenance - \$8,000; grounds maintenance - \$10,000; major repairs include repair and replacement of roof, porches, decks and the abatement of lead-based paint - \$301,000; and project design for installation of air conditioning system - \$64,000.

PENNSYLVANIA

Carlisle Barracks

(PN 55257)

1 Marshall Rd	8,156	yes	1935	\$157,100	-	-
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Operations - \$14,400; Total O&M - \$171,500.  
 Maintenance and repairs include service calls - \$4,000; routine maintenance and preventive maintenance - \$3,500; grounds maintenance - \$3,000; and major repairs include repair and/or replacement of shutters, veranda, and slat roof - \$70,000; and renovation design - \$76,600.

(PN 54532)

3 Garrison	4,386	yes	1887	\$91,000	-	-
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Operations - \$7,900; Total O&M - \$98,900.  
 Maintenance and repairs include service calls - \$3,500; routine maintenance and repairs including between occupancy maintenance - \$8,000; interior painting - \$5,500; grounds maintenance - \$4,000; and major repairs include replace existing heating system with natural gas system - \$70,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

TEXAS

Fort Sam Houston

3 Staff Post	2,884	yes	1881	\$30,250	-	-
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Operations - \$5,900; Total O&M - \$36,150.  
 Maintenance and repairs include service calls - \$2,000; routine maintenance and repairs including between occupancy maintenance - \$2,000; interior painting - \$9,000; exterior painting - \$14,900; grounds maintenance - \$500; design masonry repairs - \$1,000; other real property - \$425; and exterior utilities - \$425.

(PN 56294)

6 Staff Post	5,876	yes	1881	\$239,750	-	-
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Operations - \$8,700; Total O&M - \$248,450.  
 Maintenance and repairs include service calls - \$4,000; routine maintenance and repairs including between occupancy maintenance - \$5,000; interior painting - \$9,500; exterior painting - \$14,900; grounds maintenance - \$3,500; incidental improvements - \$1,000; major repairs include exterior structural and masonry repairs and lead-based paint abatement - \$200,000; design masonry repairs - \$1,000; other real property - \$425; and exterior utilities - \$425.

VIRGINIA

Fort Monroe

(PN 55097)

18 Bernard Rd Quarters #19	2,430	yes	1880	\$100,500	-	-
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Operations - \$10,200; Total O&M - \$110,700.  
 Maintenance and repairs include service calls - \$5,000; routine maintenance and preventive maintenance - \$5,000; grounds maintenance - \$500; and major repairs include the removal of asbestos and replace asbestos siding - \$90,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE  
 INSTALLATION NET SQUARE HIS- YEAR MAINT & NEW  
 QTRS NO. FOOTAGE TORIC BUILT REPAIRS LEASE WORK  
 VIRGINIA (cont'd)

Fort Myer (cont'd)  
 (PN 56132)

206 Washington 8,460 yes 1899 \$128,000 - -  
 Quarters #1

Operations - \$25,890; Total O&M - \$153,890.  
 Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$31,000; grounds maintenance - \$1,000; major repairs include renovation of two bathrooms - \$36,000; and design porch replacement - \$15,000.

(PN 56164)

202 Washington 3,618 yes 1899 \$103,000 - -  
 Quarters #2

Operations - \$15,039; Total O&M - \$118,039.  
 Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$15,000; interior painting - \$10,000; incidental improvements - \$3,000; and major repairs include renovation of the kitchen - \$50,000.

114 Grant Ave 3,405 yes 1903 \$66,000 - -  
 Quarters #5

Operations - \$12,265; Total O&M - \$78,265.  
 Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance - \$1,000; and design of front and rear porch replacement - \$10,000.

(PN 56165)

110 Grant Ave 7,365 yes 1908 \$87,000 - -  
 Quarters #6

Operations - \$25,621; Total O&M - \$112,621.  
 Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; grounds maintenance - \$1,000; incidental improvements - \$5,000; and major repairs include renovation of two bathrooms - \$36,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

VIRGINIA (cont'd)

Fort Myer (cont'd)  
 (PN 52714)

106 Grant Ave	4,707	yes	1909	\$85,000	-	-
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Quarters #7

Operations - \$19,548; Total O&M - \$104,548.  
 Maintenance and repairs include service calls - \$25,000; and major repairs include replacement of windows and rear porch - \$60,000.

(PN 56166)

102 Grant Ave	4,255	yes	1903	\$136,000	-	-
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Quarters #8

Operations - \$30,321; Total O&M - \$166,321.  
 Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$25,000; interior painting - \$25,000; grounds maintenance - \$1,000; and major repairs include renovation of the kitchen - \$60,000.

(PN 56111)

321A Jackson	2,742	yes	1892	\$61,000	-	-
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Quarters 11A

Operations - \$15,800; Total O&M - \$76,800.  
 Maintenance and repairs include service calls - \$25,000; and major repairs include renovation of two bathrooms - \$36,000.

(PN 56111)

321B Jackson	2,951	yes	1892	\$97,000	-	-
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Quarters #11B

Operations - \$16,997; Total O&M - \$113,997.  
 Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; and major repairs include renovation of two bathrooms - \$36,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK
VIRGINIA (cont'd)							
	Fort Myer (cont'd)						
	317A Jackson	2,701	yes	1892	\$61,000	-	-
	Quarters #12A						
	Operations - \$16,997; Total O&M - \$77,997.						
	Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; and grounds maintenance - \$1,000.						
	317B Jackson	2,774	yes	1892	\$61,000	-	-
	Quarters #13A						
	Operations - \$16,997; Total O&M - \$77,997.						
	Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; and grounds maintenance - \$1,000.						
	(PN 56126)						
	313A Jackson	1,980	yes	1903	\$115,000	-	-
	Quarters #13A						
	Operations - \$31,047; Total O&M - \$146,047.						
	Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; and major repairs include renovation of three bathrooms - \$54,000.						
	(PN 56126)						
	313B Jackson	1,973	yes	1903	\$115,000	-	-
	Quarters #13B						
	Operations - \$31,047; Total O&M - \$146,047.						
	Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; and major repairs include renovation of three bathrooms - \$54,000.						

ARMY FAMILY HOUSING  
 FY 2001 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

VIRGINIA (cont'd)

Fort Myer (cont'd)

309A Jackson	1,998	yes	1903	\$61,000	-	-
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Quarters #14A

Operations - \$26,208; Total O&M - \$87,208.

Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; and grounds maintenance - \$1,000.

(PN 56131)

309B Jackson	1,927	yes	1903	\$115,000	-	-
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Quarters #14B

Operations - \$31,047; Total O&M - \$146,047.

Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; and major repairs include renovation of three bathrooms - \$54,000.

(PN 56127)

305A Jackson	2,535	yes	1908	\$115,000	-	-
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Quarters #15A

Operations - \$17,547; Total O&M - \$132,547.

Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; and major repairs include renovation of three bathrooms - \$54,000.

(PN 56127)

305B Jackson	2,324	yes	1908	\$115,000	-	-
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Quarters #15B

Operations - \$17,547; Total O&M - \$132,547.

Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; and major repairs include renovation of three bathrooms - \$54,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

VIRGINIA (cont'd)

Fort Myer (cont'd)  
 (PN 56130)

301A Jackson	2,463	yes	1908	\$115,000	-	-
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Quarters #16A

Operations - \$31,047; Total O&M - \$146,047.  
 Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; and major repairs include renovation of three bathrooms - \$54,000.

(PN 56130)

301B Jackson	2,463	yes	1908	\$115,000	-	-
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Quarters #16B

Operations - \$15,614; Total O&M - \$130,614.  
 Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; and major repairs include renovation of three bathrooms - \$54,000.

(PN 56133)

228A Lee Ave	2,778	yes	1896	\$61,000	-	-
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Quarters #23A

Operations - \$14,484; Total O&M - \$75,484.  
 Maintenance and repairs include service calls - \$25,000; and major repairs include renovation of two bathrooms - \$36,000.

(PN 56116)

224B Lee Ave	2,682	yes	1896	\$61,000	-	-
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Quarters #24B

Operations - \$14,953; Total O&M - \$75,953.  
 Maintenance and repairs include service calls - \$25,000; and major repairs include renovation of two bathrooms - \$36,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

VIRGINIA (cont'd)

Fort Myer (cont'd)  
 (PN 56118)

220B Lee Ave	2,594	yes	1896	\$61,000	-	-
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Quarters #25B

Operations - \$14,484; Total O&M - \$75,484.  
 Maintenance and repairs include service calls - \$25,000; and major repairs include renovation of two bathrooms - \$36,000.

(PN 56119)

216A Lee Ave	2,999	yes	1896	\$61,000	-	-
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Quarters #26A

Operations - \$14,484; Total O&M - \$75,484.  
 Maintenance and repairs include service calls - \$25,000; and major repairs include renovation of two bathrooms - \$36,000.

(PN 56125)

212A Lee Ave	3,715	yes	1903	\$106,000	-	-
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Quarters #27A

Operations - \$30,654; Total O&M - \$136,654.  
 Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; incidental improvement to provide off-street parking - \$9,000; and major repairs include renovation of two bathrooms - \$36,000.

(PN 56125)

212B Lee Ave	2,718	yes	1903	\$106,000	-	-
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Quarters #27B

Operations - \$30,654; Total O&M - \$136,654.  
 Maintenance and repairs include service calls - \$25,000; routine maintenance and repairs including between occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance - \$1,000; incidental improvements to provide off-street parking - \$9,000; and major repairs include renovation of two bathrooms - \$36,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK
BELGIUM (\$/Euro 1.1967)							
Mons							
	Quarters 1	10,411	no	1892	\$32,100	-	-
Operations - \$76,935; Total O&M - \$109,035							
Routine maintenance and repairs including preventive maintenance - \$23,100; and interior painting - \$9,000.							
Mons							
	Quarters 2	3,983	no	1967	\$7,323	\$19,858	-
Operations - \$12,815; Total O&M - \$39,996							
Routine maintenance and repairs including service calls and preventive maintenance - \$7,323.							
Mons							
	Quarters 3	2,239	no	1950	\$11,000	\$49,928	-
Operations - \$3,035; Total O&M - \$63,963							
Routine maintenance and repairs including service calls and preventive maintenance - \$11,000.							
St. Pierre							
	Quarters 4	3,555	no	1925	\$17,749	\$50,422	-
Operations - \$17,463; Total O&M - \$85,634							
Routine maintenance and repairs including service calls and preventive maintenance - \$17,749.							
Brussles							
	Quarters 5	3,500	no	1950	\$13,451	\$62,410	-
Operations - \$17,542; Total O&M - \$93,403							
Routine maintenance and repairs including service calls and preventive maintenance - \$13,451.							
Kraainem							
	Quarters 7	3,177	no	1930	\$10,824	\$28,056	-
Operations - \$12,011; Total O&M - \$50,891							
Routine maintenance and repairs including service calls and preventive maintenance - \$10,824.							

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE WORK
BELGIUM (\$/Euro 1.1967) (cont'd)						
	Overijse					
	Quarters 8	4,129	no	1950	\$15,600	\$42,438 -
	Operations - \$19,263; Total O&M - \$77,301					
	Routine maintenance and repairs including service calls and preventive maintenance - \$15,600.					
	Erbisoeul					
	Quarters 9	3,512	no	1962	\$6,924	\$22,962 -
	Operations - \$10,937; Total O&M - \$40,823					
	Routine maintenance and repairs including service calls and preventive maintenance - \$6,924.					
	Overijse					
	Quarters 12	3,000	no	1991	\$4,696	\$37,603 -
	Operations - \$11,259; Total O&M - \$53,558					
	Routine maintenance and repairs including service calls and preventive maintenance - \$4,696.					
	St. Pierre					
	Quarters 16	3,178	no	1950	\$14,804	\$32,235 -
	Operations - \$19,608; Total O&M - \$66,647					
	Routine maintenance and repairs including service calls and preventive maintenance - \$14,804.					
	Soignies					
	Quarters 22	1,951	no	1974	\$17,669	\$17,152 -
	Operations - \$15,831; Total O&M - \$50,652					
	Routine maintenance and repairs including service calls and preventive maintenance - \$17,669.					
	Casteau					
	Quarters 24	2,431	no	1963	\$18,624	\$24,912 -
	Operations - \$10,778; Total O&M - \$54,314					
	Routine maintenance and repairs including service calls and preventive maintenance - \$18,624.					

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

GERMANY (\$/Euro 1.1967)

Heidelberg  
 (PN 56104)

1 Concord	2,414	no	1956	\$87,800	-	-
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Building 4771

Operations - \$7,600; Total O&M - \$95,400.

Maintenance and repairs include service calls - \$1,700; routine maintenance and repairs including between occupancy maintenance - \$10,000; interior painting - \$4,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of heating system and renovation of guest bathroom - \$61,000.

(PN 56114)

2 Concord	3,533	no	1956	\$70,800	-	-
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Building 4763

Operations - \$12,600; Total O&M - \$83,400.

Maintenance and repairs include service calls - \$1,700; routine maintenance and repairs including between occupancy maintenance - \$10,000; interior painting - \$4,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of heating system - \$44,000.

(PN 56110)

3 Concord	2,414	no	1956	\$61,800	-	-
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Building 4770

Operations - \$7,100; Total O&M - \$68,900.

Maintenance and repairs include service calls - \$1,700; routine maintenance and preventive maintenance - \$5,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of heating system - \$44,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE WORK

GERMANY (\$/Euro 1.1967) (cont'd)

Heidelberg (con't)

(PN 56112)

4 Concord	3,533	no	1956	\$61,800	-	-
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Building 4764

Operations - \$12,100; Total O&M - \$73,900.

Maintenance and repairs include service calls - \$1,700; routine maintenance and preventive maintenance - \$5,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of heating system - \$44,000.

(PN 56150)

5 Concord	2,414	no	1956	\$87,800	-	-
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Building 4769

Operations - \$7,600; Total O&M - \$95,400.

Maintenance and repairs include service calls - \$1,700; routine maintenance and repairs including between occupancy maintenance - \$10,000; interior painting - \$4,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of heating system and renovation of guest bathroom - \$61,000.

(PN 56107)

7 Concord	2,414	no	1956	\$87,800	-	-
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Building 4768

Operations - \$7,100; Total O&M - \$94,900.

Maintenance and repairs include service calls - \$1,700; routine maintenance and repairs including between occupancy maintenance - \$10,000; interior painting - \$4,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of heating system and renovation of guest bathroom - \$61,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW	
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

GERMANY (\$/Euro 1.1967) (cont'd)

Heidelberg (con't)

(PN 56115)

8 Concord	3,533	no	1956	\$70,800	-	-
Building 4766						

Operations - \$12,600; Total O&M - \$83,400.

Maintenance and repairs include service calls - \$1,700; routine maintenance and repairs including between occupancy maintenance - \$10,000; interior painting - \$4,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of heating system - \$44,000.

(PN 56117)

9 Concord	3,533	no	1956	\$78,800	-	-
Building 4767						

Operations - \$7,100; Total O&M - \$85,900.

Maintenance and repairs include service calls - \$1,700; routine maintenance and preventive maintenance - \$5,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of heating system and renovation of guest bathroom - \$61,000.

(PN 54973)

13 Lexington	3,533	no	1956	\$207,800	-	-
Building 4762						

Operations - \$17,600; Total O&M - \$225,400.

Maintenance and repairs include service calls - \$1,700; routine maintenance and preventive maintenance - \$5,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include renovation of unit to current standards - \$200,000.

(PN 56168)

17 Lexington	3,533	no	1956	\$67,800	-	-
Building 4760						

Operations - \$7,100; Total O&M - \$74,900.

Maintenance and repairs include service calls - \$1,700; routine maintenance and preventive maintenance - \$5,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of the roof and renovation of guest bathroom - \$50,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

GERMANY (\$/Euro 1.1967) (cont'd)

Heidelberg (con't)

(PN 56149)

26 Rhein Str	7,500	no	1963	\$109,400	-	-
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Building 3750

Operations - \$12,100; Total O&M - \$121,500.

Maintenance and repairs include service calls - \$6,000; routine maintenance and repairs including between occupancy maintenance - \$15,100; interior painting - \$9,000; exterior painting - \$25,200; self-help - \$100; grounds maintenance - \$4,000; and major repairs include replacement of the roof and renovation basement bathroom - \$50,000.

(PN 56152)

26 San Jacinto	3,219	no	1956	\$86,800	-	-
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Building 4757

Operations - \$7,600; Total O&M - \$94,400.

Maintenance and repairs include service calls - \$1,700; routine maintenance and repairs including between occupancy maintenance - \$10,000; interior painting - \$4,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of the roof and heating system - \$60,000.

(PN 56147)

28 San Jacinto	3,424	no	1956	\$86,800	-	-
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Building 4758

Operations - \$12,600; Total O&M - \$99,400.

Maintenance and repairs include service calls - \$1,700; routine maintenance and repairs including between occupancy maintenance - \$10,000; interior painting - \$4,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of the roof and heating system - \$60,000.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

GERMANY (\$/Euro 1.1967) (cont'd)

Heidelberg (con't)

(PN 56148)

30 San Jacinto	3,219	no	1956	\$87,800	-	-
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Building 4759

Operations - \$17,100; Total O&M - \$104,900.

Maintenance and repairs include service calls - \$1,700; routine maintenance and preventive maintenance - \$5,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of the roof, heating system, and existing fence - \$70,000.

(PN 56124)

32 San Jacinto	3,433	no	1956	\$93,000	-	-
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Building 4785

Operations - \$7,100; Total O&M - \$100,100.

Maintenance and repairs include service calls - \$1,700; routine maintenance and preventive maintenance - \$5,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of the roof, heating system, and renovate the guest bathroom - \$75,200.

(PN 56153)

41 San Jacinto	2,414	no	1956	\$93,000	-	-
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Building 4774

Operations - \$7,100; Total O&M - \$100,100.

Maintenance and repairs include service calls - \$1,700; routine maintenance and preventive maintenance - \$5,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of the roof, heating system, and renovate the guest bathroom - \$75,200.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

GERMANY (\$/Euro 1.1967) (cont'd)

Heidelberg (con't)  
 (PN 56154)

43 San Jacinto	2,414	no	1956	\$102,000	-	-
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Building 4773

Operations - \$7,100; Total O&M - \$109,100.

Maintenance and repairs include service calls - \$1,700; routine maintenance and repairs including between occupancy maintenance - \$10,000; interior painting - \$4,000; exterior painting - \$10,000; self-help - \$100; grounds maintenance - \$1,000; and major repairs include replacement of the roof, heating system, and renovate the guest bathroom - \$75,200.

Stuttgart

69 Florida	2,648	no	1957	\$30,500	-	-
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Operations - \$11,239; Total O&M - \$41,739.

Maintenance and repairs include service calls - \$3,000; routine maintenance and preventive maintenance - \$3,000; self-help - \$200; and major repairs include replacement of entrance door, exterior light fixture, mailbox, kitchen sink, and garage roof - \$24,300.

(PN 51235)

75 Florida	2,648	no	1957	\$87,800	-	-
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Operations - \$13,530; Total O&M - \$101,330.

Maintenance and repairs include service calls - \$3,000; routine maintenance and repairs including between occupancy maintenance - \$4,800; interior painting - \$2,800; self-help - \$200; major repairs include replacement of heating system and electrical rewiring - \$74,200; and design for roof replacement - \$2,800.

(PN 54840)

77 Florida	2,648	no	1957	\$45,700	-	-
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Operations - \$13,880; Total O&M - \$59,580.

Maintenance and repairs include service calls - \$3,000; routine maintenance and repairs including between occupancy maintenance - \$2,800; interior painting - \$2,000; self-help - \$200; and major repairs include replacement of the roof - \$37,700.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE SUBMISSION  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

JAPAN (\$/Yen 126.680)

Camp Zama  
 (PN 51284)

1000 Hill Court	4,194	no	1955	\$399,900	-	-
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Operations - \$3,800; Total O&M - \$403,700.

Maintenance and repairs include service calls - \$500; routine maintenance and repairs including between occupancy maintenance - \$12,500; interior painting - \$10,000; exterior painting - \$16,700; grounds maintenance - \$300; and major repairs include renovation of the unit to current standards - \$359,900.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 UTILITIES ACCOUNT

(\$ in Thousands)	
FY 2002 Budget Request	\$258,790
FY 2001 Current Estimate	\$244,259
FY 2001 Appropriation	\$198,101

This program provides for all utility services for Army Family Housing. Services include electricity, natural and propane gas, steam/hot water, fuel oil, coal, water and sewage. These are must-pay costs and are essential to keep family quarters occupied.

The energy consumption reduction goal of 1.5 percent has been considered in the program. It is anticipated that the established savings realized as a result of energy conserving repair and improvement projects completed in prior years will continue to help achieve the energy reduction goals.

Fuel price adjustments, non-pay inflation, and foreign currency fluctuation are computed at the OSD prescribed rates.

Inventory reductions are due to privatized housing and continuing efforts to divest housing, which is excess to requirements or is not economically feasible to repair.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 UTILITIES (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

	<u>\$ In Thousands</u>	
1. FY 2000 Obligations	[214,523]	
2. FY 2001 Appropriation		198,101
3. Program Adjustments:		
a. Above Threshold Congressional Reprogramming Requirements		26,348
b. Below Threshold Reprogramming		19,810
4. FY 2001 Current Estimate		244,259
5. Price Adjustments:		-1,023
a. Non-Pay Inflation	2,601	
b. Pay Adjustment	-912	
c. Foreign Currency	-2,712	
6. Program Adjustments:		15,554
a. Average inventory reduction of 4,597 units which includes privatized housing	-7,807	
b. Energy Conservation	-3,639	
c. Price increase over previous estimate in the baseline budget	27,000	
7. FY 2002 Budget Request		258,790

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 LEASING ACCOUNT

(\$ in Thousands)

FY 2002 Budget Request	\$196,956
FY 2001 Current Estimate	\$181,071
FY 2001 Adjusted Appropriation	\$194,047

PURPOSE AND SCOPE

The purpose of the leasing program is to provide family housing at both domestic and foreign locations when additional housing is needed to satisfy a housing deficit and the local economy cannot provide adequate support. The leasing program, authorized by 10 U.S.C. 2828, provides for the payment of rent, operating, and maintenance costs of privately owned quarters assigned to military families as government quarters. The program also includes funds needed to pay for services such as utilities, refuse collection, and maintenance.

The Army continues to rely on the private sector to meet the majority of housing needs. Where private sector rental markets cannot meet Army requirements, and cost effective alternatives do not exist, short and long-term leases are utilized. In high cost areas and overseas, the Army leases housing that the service members could not afford.

PROGRAM SUMMARY

Authorization is requested for the appropriation of \$196,956 fund leases and related expenses in FY 2002. A summary of the leasing program follows:

<u>Lease Type</u>	<u>FY2000 Actual</u>		<u>FY2001 Curr. Est.</u>		<u>FY2002 Budget Request</u>	
	<u>Leases Supported</u>	<u>Cost \$000</u>	<u>Leases Supported</u>	<u>Cost \$000</u>	<u>Leases Supported</u>	<u>Cost \$000</u>
Domestic	189	3,045	214	3,012	964	14,029
Sec. 2835	4,080	59,499	4,080	61,956	4,080	64,073
Foreign less GRHP	7,423	117,091	7,515	102,276	7,821	105,721
GRHP	<u>1,348</u>	<u>20,681</u>	<u>1,117</u>	<u>13,827</u>	<u>913</u>	<u>13,133</u>
Total	13,040	200,316	12,926	181,071	13,778	196,956

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE  
LEASING ACCOUNT (continued)

JUSTIFICATION:

1. Domestic Leasing. The domestic leasing program provides temporary housing for Army families pending availability of permanent housing. This also includes leasing program for geographically displaced soldiers and families from the US Army Recruiting Command, Cadet Command, and the Active Component/Reserve Component programs.

2. Section 2835. The Army leases family housing at seven installations under the provisions of 10 U.S.C. 2835, Long Term Leasing of Military Family Housing to be Constructed (formerly known as Section 801 housing). Under this program the Army leases family housing units from a private sector developer for up to 20 years. The units are assigned as military housing to soldiers and their families. This program helped reduce our CONUS family housing deficit at installations where Army families were the most seriously affected by housing shortages. Funds are requested to continue payment of lease costs and operation and maintenance expenses. The FY 2002 budget request includes 4,080 occupied units.

3. Foreign Leasing. The FY 2002 total foreign leasing program request consists of 8,734 leased units. The majority of foreign leases are in Germany. Approximately 913 of these leases comprise the Governmental Rental Housing Program (GRHP). Under GRHP, the U.S. Government leases existing, individual housing units in Europe. The Army negotiates, executes and manages the lease contracts, and assumes responsibility for paying the costs. Soldier occupants forfeit their housing allowances and agree to occupy GRHP leased housing for their entire tour. GRHP leases are terminated when soldiers' tours end. This program allows soldiers to be housed quickly, without large out-of-pocket expenses. There are no early termination costs.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 LEASING ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

		<u>\$ In Thousands</u>
1. FY 2000 Obligations	[200,316]	
2. FY 2001 Appropriation		202,011
3. Congressional Adjustment - Foreign Currency		-7,964
4. FY 2001 Adjusted Appropriations		194,047
5. Program Adjustment: Reprogramming		-12,976
6. FY 2001 Current Estimate		181,071
7. Pricing adjustments:		5,957
a. Non-Pay Inflation	2,970	
b. Pay Adjustment	201	
c. Foreign Currency	2,786	
8. Program adjustments:		9,928
a. Increase of units leased world- wide.	1,993	
b. Increase due to one extra Compensation day	23	
c. Increased units for high cost area leases (Transfer from MPA)	7,912	
9. FY 2002 Budget Request		196,956

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE

	FY 2000 (Actual)			FY 2001 (Current Est)			FY2002		
	Units Supported	Months Purchsd	(\$000)	Units Supported	Months Purchsd	(\$000)	Units Supported	Months Purchsd	(\$000)
<b>DOMESTIC LEASING</b>									
various	0	0	0	0	0	0	750	9,000	10,848
Hattiesburg, MS	68	816	1,027	93	1,116	1,239	93	1,116	1,362
Miami, FL	120	1,440	2,006	120	1,440	1,761	120	1,440	1,805
Newport Ammunition Plant	1	12	12	1	12	12	1	12	14
<b>Subtotal Domestic Leasing</b>	<b>189</b>	<b>2,268</b>	<b>3,045</b>	<b>214</b>	<b>2,568</b>	<b>3,012</b>	<b>964</b>	<b>11,568</b>	<b>14,029</b>
<b>Section 2835(801)</b>									
Ft. Bragg, NC	250	3,000	2,769	250	3,000	2,841	250	3,000	2,848
Ft. Drum, NY	2,000	24,000	27,826	2,000	24,000	29,276	2,000	24,000	30,447
Ft. Hood, TX	300	3,600	3,508	300	3,600	3,838	300	3,600	4,222
Ft. McCoy, WI	80	960	1,610	80	960	1,610	80	960	1,709
Ft. Polk, LA	600	7,200	5,817	600	7,200	6,021	600	7,200	6,033
Ft. Wainwright, AK	550	6,600	13,985	550	6,600	14,300	550	6,600	14,678
Ft. Bliss, TX	300	3,600	3,984	300	3,600	4,070	300	3,600	4,136
<b>Subtotal Section 2835 (801)</b>	<b>4,080</b>	<b>48,960</b>	<b>59,499</b>	<b>4,080</b>	<b>48,960</b>	<b>61,956</b>	<b>4,080</b>	<b>48,960</b>	<b>64,073</b>
<b>Total Domestic Leasing</b>	<b>4,269</b>	<b>51,228</b>	<b>62,544</b>	<b>4,294</b>	<b>51,528</b>	<b>64,968</b>	<b>5,044</b>	<b>60,528</b>	<b>78,102</b>
<b>FOREIGN LEASING</b>									
<b>EUSA</b>									
Korea	1,181	14,172	18,182	1,175	14,100	19,205	1,151	13,812	16,473
<b>USAREUR</b>									
Belgium	202	2,424	3,308	222	2,664	2,807	242	2,904	3,984
Germany	5,132	61,584	81,271	5,127	61,524	68,500	5,159	61,908	67,233
Italy	585	7,020	8,337	650	7,800	6,287	783	9,396	8,313
Netherlands	266	3,192	4,293	261	3,132	2,998	399	4,788	6,502
<b>Subtotal USAREUR</b>	<b>6,185</b>	<b>74,220</b>	<b>97,209</b>	<b>6,260</b>	<b>75,120</b>	<b>80,592</b>	<b>6,583</b>	<b>78,996</b>	<b>86,032</b>
Govt Rental Hsg Prgm, Eur	1,348	16,176	20,681	1,117	13,404	13,827	913	10,956	13,133
<b>Total USAREUR</b>	<b>7,533</b>	<b>81,753</b>	<b>117,890</b>	<b>7,377</b>	<b>88,524</b>	<b>94,419</b>	<b>7,496</b>	<b>89,952</b>	<b>99,165</b>

Exhibit FH4

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE

	FY 2000 (Actual)			FY2001 (Current Est)			FY2002		
	Units	Months		Units	Months		Units	Months	
	<u>Supported</u>	<u>Purchsd</u>	<u>(\$000)</u>	<u>Supported</u>	<u>Purchsd</u>	<u>(\$000)</u>	<u>Supported</u>	<u>Purchsd</u>	<u>(\$000)</u>
<b><u>OTHER FOREIGN SUPPORT PROGRAMS</u></b>									
Abijan	1	12	32	1	12	32	1	12	32
Addis Ababa	1	12	60	1	12	40	1	12	40
Amman	4	48	115	4	48	110	4	48	143
Ankara	1	12	47	1	12	35	1	12	45
Bahamas	0	0	0	2	24	94	2	24	97
Barbados	0	0	0	1	12	30	1	12	31
Belize	0	0	0	1	12	32	1	12	33
Bucharest	1	12	20	1	12	20	1	12	20
Budapest	1	12	40	1	12	40	1	12	40
Cairo	2	24	35	2	24	35	2	24	35
Dakar	1	12	40	1	12	40	1	12	40
Dhaka	2	24	60	2	24	60	2	24	60
DoHa	5	60	210	18	216	742	20	240	1,237
Dominican	2	24	62	4	48	95	4	48	98
El Salvador	3	36	102	5	60	131	5	60	135
Gabarone	1	12	39	1	12	40	1	12	40
Guyana	1	12	24	1	12	29	1	12	33
Harare	1	12	25	1	12	25	1	12	25
Islamabad	1	12	10	1	12	10	1	12	15
Istanbul	1	12	21	1	12	21	1	12	21
Jakarta	1	12	30	1	12	30	1	12	30
Jamaica	1	12	26	3	36	80	3	36	82
Kenya	8	96	230	8	96	230	8	96	237
Kuwait City	2	24	80	2	24	80	5	60	204
Lisbon	1	12	10	1	12	10	1	12	10
Manila	1	12	45	1	12	45	1	12	45
Muscat	1	12	20	1	12	20	1	12	20
New Delhi	1	12	24	1	12	24	1	12	24
Niamey	1	12	33	1	12	33	1	12	33
Rabat	2	24	25	2	24	25	2	24	25
Riyadh	0	0	0	0	0	0	2	24	47
Seoul	1	12	20	1	12	20	1	12	20
Tel Aviv	1	12	43	1	12	45	1	12	45
Thsloniki	1	12	15	1	12	19	1	12	15
Tunis	2	24	50	2	24	50	2	24	52
Warsaw	1	12	39	1	12	39	1	12	39
Yaounde	1	12	44	1	12	44	1	12	44
Zagreb	2	24	24	2	12	24	2	24	24
<b>Total Other Foreign Support Pr</b>	<b>57</b>	<b>684</b>	<b>1,700</b>	<b>80</b>	<b>948</b>	<b>2,479</b>	<b>87</b>	<b>1,044</b>	<b>3,216</b>
<b>Total Foreign Leasing</b>	<b>8,771</b>	<b>96,609</b>	<b>137,772</b>	<b>8,632</b>	<b>103,572</b>	<b>116,103</b>	<b>8,734</b>	<b>104,808</b>	<b>118,854</b>
<b>TOTAL LEASING PROGRAM</b>	<b>13,040</b>	<b>147,837</b>	<b>200,316</b>	<b>12,926</b>	<b>155,100</b>	<b>181,071</b>	<b>13,778</b>	<b>165,336</b>	<b>196,956</b>

ARMY FAMILY HOUSING  
FY 2002 BUDGET ESTIMATE

FY 2002 SUMMARY SHEET FOR HIGH COST LEASES

<u>COUNTRY</u>	<u>LEASES</u>	<u>HIGH COST LEASES</u>	<u>FOREIGN CURRENCY</u>	<u>FY 1988 RATE</u>	<u>FY 2002 RATE</u>	<u>ADJUSTED*** FY 02 CAP</u>
Belgium	726	15	Franc	42.77	1.19670 Euro	\$21,760
Italy	749	1	Lira	1,423.00	1.19670 Euro	\$15,071
Netherlands	523	2	Guilder	2.33	1.19670 Euro	\$21,702

\*\*\* The adjusted high cost cap is determined by multiplying \$24,522 (FY 2001 high cost lease limit adjusted for CPI) times the FY 1988 exchange rate divided by the FY 2002 exchange rate (after converting its rate from FY 2001 to FY 2002, i.e., Belgium \$24,522 times 42.77 divided by 49.64 = \$21,128; convert to Euro by multiplying by 1.2325 (Euro) divided by 1.19670 (PB 02 rate) = \$21,760). Leases exceeding this cap are counted against the number of high cost leases allowed.

Note: Other Foreign Support Programs (which include Foreign Area Officer Leases, Offices of Defense Cooperation, and School of Other Nations Program leases) participate in the Department of State Housing Pool and are not subject to the maximum lease amounts cited for foreign leases in Section 2828(e)(1) of title 10, United States Code. Clarification of Participation in Department of State Housing Pools is discussed in Section 2806 of title 10, United States Code.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)

(\$ in Thousands)	
FY 2002 Program	\$27,918
FY 2001 Current Estimate	\$10,410
FY 2001 Appropriation	\$3,839

PURPOSE AND SCOPE

The 1996 Military Housing Privatization Initiative (MHPI) (P.L. 104-106), known in the Army as Residential Community Initiative (RCI), is an essential tool utilized by the Army to meet its goal of eliminating inadequate housing by 2010. This initiative allows the Army to leverage its assets and resources to obtain private sector capital and expertise to construct, renovate, operate, maintain, and manage Army Family Housing in the U.S.

For FY 2002, the Army plans to accelerate privatization efforts by awarding additional contracts to privatize family housing at Army installations using the MHPI authorities. Additionally, the Army will begin the preparation work required to privatize the sites scheduled for award during FY 2003. The Army's Housing Portfolio is summarized at the end of this section.

RCI MANAGEMENT COSTS - Following the Notice to Transition and transfer dates, AFHO funds for housing at RCI installations are greatly reduced. Remaining funds at RCI installations support residual services/functions including contract administration/oversight, funds management, housing referral, and Deposit Waiver Program.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI)  
 RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

	<u>\$ In Thousands</u>	
1. FY 2000 Obligations	[ 0 ]	
2. FY 2001 Appropriation (as a portion of the management account)		3,839
3. Congressional Reprogramming		6,571
4. FY 2001 Current Estimate		10,410
5. Price adjustments:		230
a. Non-pay inflation	145	
b. Pay adjustment	82	
c. Increase for on extra compensation day	3	
5. Program Adjustments:		17,278
Contracts, Corps of Engineers support, travel and salaries to award 9 projects includes 4 small projects. It also includes funds to begin preparatory work for FY 2003 projects.	16,078	
		720
Major Army Command Requirements:		
a. Construction Oversight at four locations	480	
b. Program Monitoring at four locations		
7. FY 2002 Budget Request		27,918

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

FUNDING FOR RCI

AFH funds supporting the Residential Communities Initiative in the FY 02 budget are identified in the table below:

PRE-AWARD COSTS	
RCI Task Force Salaries	2,050
Travel and Per Diem	460
Solicitation Evaluation Boards	75
On-Site CDMP Negotiations	175
Other Misc Travel	210
Supplies and Equipment	100
Contracts / Corps of Engineer Support	24,108
Prime Contractor	15,748
CDMP Developer Award Fees	3,150
Environmental/Historic/Real Estate/Procurement (USACE)	5,210
<b>SUBTOTAL - PRE-AWARD COSTS</b>	<b>\$26,718</b>
POST AWARD COSTS	
Construction Oversight	720
Program Monitoring	480
<b>SUBTOTAL - POST AWARD COSTS</b>	<b>\$1,200</b>
<b>TOTAL PRIVATIZATION REQUEST</b>	<b>\$27,918</b>

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 MILITARY HOUSING PRIVATIZATION INITIATIVE (MHPI) (Continued)

Installation	# Housing Units	Notify Congress Solicitation	Notify Congress CDMP Development Award
<b>Subject to OSD Approval</b>			
Ft Bragg, NC	4,744	Jul-01	Dec-01
Ft Campbell, KY	4,540	Jul-01	Feb-02
Ft Stewart/Hunter, GA	2,927	Jul-01	Apr-02
Presidio of Monterey, CA	1,675	Aug-01	Feb-02
Ft. Irwin, CA *	2,052	Aug-01	Apr-02
Moffett Federal Airfield, CA *	675	Aug-01	Apr-02
Camp Parks, CA *	13	Aug-01	Apr-02
Ft. Hamilton, NY	436	Aug-01	Jan-02
Walter Reed Medical Center, DC	221	Aug-01	Apr-02
Ft. Detrick, MD	155	Aug-01	Jun-02
Picatinny Arsenal, NJ	116	Aug-01	Aug-02

\* Denotes Army projects that will be combined in one award.

ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 DEBT PAYMENT ACCOUNT

(\$ in Thousands)

FY 2002 Program	\$1
FY 2001 Current Estimate	\$1
FY 2001 Appropriation	\$1

PURPOSE AND SCOPE

This program includes payments of Servicemen's Mortgage Insurance Premiums to the Federal Housing Administration for mortgages assumed by active military personnel for housing purchased by them. The Army has no outstanding debt for Capehart or Wherry mortgages.

PROGRAM SUMMARY

Authorization is required for the appropriation of \$1,000 in FY 2002.

JUSTIFICATION

This program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a service member dies while on active duty and leaves a surviving spouse as owner of the property. Payments extend for a period of two years after death, or until the spouse disposes of the property, whichever occurs first. The premium rate is 1/2 of 1 percent of the unpaid balance of the mortgage. This program was discontinued through Public Law 93-130 (Military Construction Appropriation Act, 1980) which allowed coverage only on existing mortgages obtained prior to FY 1980.

SERVICEMEN'S MORTGAGE INSURANCE PREMIUMS

FISCAL YEAR	ESTIMATED TERMINATIONS	NUMBER MORTGAGES WITH PAYMENTS	(\$) ESTIMATED AVERAGE PAYMENT	(\$000) ESTIMATED PAYMENT FOR YEAR
1999	6	1	400.00	1
2000	0	1	400.00	1
2001	0	1	400.00	1
2002	0	1	400.00	1

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ARMY FAMILY HOUSING  
 FY 2002 BUDGET ESTIMATE  
 REIMBURSABLE PROGRAM

(\$ in Thousands)	
FY 2002 Program	\$22,000
FY 2001 Current Estimate	\$22,000
FY 2001 Appropriation	\$22,000

The reimbursable program provides for the collection and use of payments for utilities and services, routine maintenance and repair, rents associated with the use of government housing and trailer pads by authorized occupants, and damages caused by occupant negligence.

The following table shows the source of receipts for the family housing account.

	FY 2000 (Actual)	FY 2001 (Curr. Est)	FY 2002
Non-Federal Sources	15,982	18,480	18,480
Federal Sources	3,018	3,520	3,520

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***FY 2002***  
***Budget Estimate***

**Homeowners Assistance Fund,  
Defense**

**Justification Data Submitted to Congress  
June 2001**

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June 2001

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
FY 2002 BUDGET ESTIMATE  
SUMMARY

	<u>(In Thousands)</u>
FY 2002 Program/Appropriation	\$ 31,615 / 10,119
FY 2001 Program/Appropriation	\$ 46,951 / -0-

Program and Scope

This fund finances a program for providing assistance to homeowners by reducing their losses incident to the disposal of their homes when the military installations at or near where they are serving or employed are ordered to be closed or the scope of operations is reduced. It was established in recognition of the fact that base closure and reduction actions can have serious economic effects on local communities. Military, federal civilian personnel and Non-appropriated Fund employees, who are required to relocate as a result of or during such actions, frequently cannot dispose of their homes under reasonable terms and conditions, and suffer severe financial hardship.

In order to determine the effect of the closure or reduction action on local communities, a Market Impact Study (MIS) is performed. The MIS addresses real estate market and overall economic conditions relative to the closure or reduction action, and includes appraisals of area properties before and after the announcement. Factors in determining market impact include: a significant decline in real estate market value; significant increases in inventory of unsold houses, average number of days on the market; foreclosures; decrease in home sales; and inability of affected personnel to sell homes for the amount of the existing mortgage(s). If the MIS demonstrates sufficient impact on the market and establishes a causal relationship, a program is implemented. Eligible applicants may be reimbursed for certain losses resulting from the sale of their home.

Benefits under the program include payment of partial compensation for losses sustained in the private sale of the dwelling; payment of the costs of a judicial foreclosure of a mortgage; or purchase of a dwelling by liquidating or assuming the outstanding mortgage(s).

Although the program provides for acquisition of dwellings, the Government does so only for the accommodation of the applicant. The homes are then resold by the Government. Every effort is made to insure that each applicant is treated equally and receives the maximum benefits under the law as rapidly as practicable, but with a minimum expenditure of time and money for administration.

## Program Summary

The FY 2002 budget requests authorization of appropriations and appropriations in the amount of \$10,119,000 to fund Homeowners Assistance Fund program expenses. Total program approved requirements for the FY 2002 program are estimated at \$31,615,000 and will be funded with requested budget authority, revenue from sales of acquired properties, prior year unobligated balances and anticipated authority provided by law to transfer monies into the fund from the BRAC account. Any additional program requirements arising during the year will be presented to the applicable service for approval and transfer of BRAC funds to the account.

The Homeowners Assistance Fund, Defense (HOA) is a non-expiring revolving fund. As shown on the Program Financial Summary chart, the fund receives funding from several sources: appropriations, borrowing authority, reimbursable authority, prior fiscal year unobligated balances, appropriation transfers, revenue from sale of acquired properties, and recovery of prior year obligations. Program expenses include payments to homeowners for losses on private sales; cost of judicial foreclosure; property acquisition by liquidating and/or assuming outstanding mortgages; partial payment of homeowners' lost equity on government acquisitions; retirement of debt after sale of properties when the government assumes mortgages; and administrative expenses.

The fund is not a profit-making endeavor. Although the proceeds from the sale of homes are returned to the fund, this revenue does not totally replenish it nor totally fund projected requirements. Since the Homeowners Assistance Fund is not self-sustaining, appropriated funds and funds transferred from the BRAC account are required to maintain its solvency as a revolving fund.

The FY 2002 budget request of \$10,119,000 is necessary to maintain the fund's solvency and fund FY2002 program requirements. The program may require transfer of additional funds from the BRAC account to fund the FY 2002 program requirements.

June 2001

AUTHORIZATION AND  
APPROPRIATION LANGUAGE  
HOMEOWNERS ASSISTANCE FUND, DEFENSE  
FY 2002

For use in the Homeowners Assistance Fund established pursuant to section 1013(d) of the Demonstration Cities and Metropolitan Development Act of 1966, as amended (42 U.S.C. 3374), [\$-0-] \$10,119,000, to become available on October 1, 2001 and remain available until expended.

The chart below is a summary of the funding for the FY2000, FY2001 and FY2002

PROGRAM FINANCIAL SUMMARY

HOMEOWNERS ASSISTANCE FUND, DEFENSE	ACTUAL FY 2000	FY 2001	FY 2002
<b>PROGRAM RESOURCES</b>			
New Appropriation/TOA Requested	0	0	10,119,000
Indefinite Borrowing Authority	0	0	0
Transfer To/From Other Account	5,000,000	25,181,000	7,730,000
Total Budget Authority Requested	5,000,000	25,181,000	17,849,000
<b>REIMBURSABLE RESOURCES</b>			
Reimbursable Authority	0	0	0
<b>OTHER PROGRAM RESOURCES</b>			
Prior FY Unoblig Bal Brought FWD	28,768,243	11,972,167	9,507,621
Unobligated Balance Transferred - TO / FROM	0	0	0
Anticipated Revenue from Sale of Real Property	22,465,696	19,305,454	13,766,000
Recovery of Prior Year Balances	2,597,668	0	0
<b>TOTAL PROGRAM RESOURCES</b>	<b>58,831,607</b>	<b>56,458,621</b>	<b>41,122,621</b>
<b>PLANNED PROGRAM EXECUTION</b>			
Payments to Homeowners	21,635,583	19,591,000	11,543,000
Other Operating Cost	10,169,306	11,567,000	8,522,000
Acquisition of Real Property	15,054,551	15,793,000	11,550,000
Mortgages Assumed	0	0	0
Retirement of Debt - Authority W/D	0	0	0
<b>TOTAL PLANNED PROGRAM EXPENSE</b>	<b>46,859,440</b>	<b>46,951,000</b>	<b>31,615,000</b>
<b>ANTICIPATED EOY UNOBLIGATED :</b>			
Unused - Mortgage Assumption Authority	0	0	0
Balance Carried Forward	11,972,167	9,507,621	9,507,621