

Department of the Army

FY 2000 / 2001

Biennial Budget Estimates

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

**Justification Data Submitted to Congress  
February 1999**

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Alabama		Anniston Army Depot (AMC)				3
	50751	Ammunition Demilitarization Fac Ph VII	0	7,000	N	5
		Subtotal Anniston Army Depot PART I	\$ 0	7,000		
		* TOTAL MCA FOR Alabama	\$ 0	7,000		
Alaska		Fort Richardson (USARPAC)				11
	45207	Whole Barracks Complex Renewal	14,600	2,200	C	13
		Subtotal Fort Richardson PART I	\$ 14,600	2,200		
		Fort Wainwright (USARPAC)				17
	44383	Emission Reduction Facility	15,500	2,300	C	19
		Subtotal Fort Wainwright PART I	\$ 15,500	2,300		
		* TOTAL MCA FOR Alaska	\$ 30,100	4,500		
Arkansas		Pine Bluff Arsenal (AMC)				25
	47259	Ammunition Demilitarization Fac Ph IV	0	61,800	N	27
		Subtotal Pine Bluff Arsenal PART I	\$ 0	61,800		
		* TOTAL MCA FOR Arkansas	\$ 0	61,800		
California		Fort Irwin (FORSCOM)				33
	41780	Rotational Unit Facility Maintenance Area	13,400	3,300	C	35
		Subtotal Fort Irwin PART I	\$ 13,400	3,300		
		* TOTAL MCA FOR California	\$ 13,400	3,300		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
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INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----		-----	-----	-----	-----	-----
Colorado		Peterson Air Force Base (USASMDC)				41
	25752	US Army Space Command Headquarters	25,000	3,700	C	43
		Subtotal Peterson Air Force Base PART I	\$ 25,000	3,700		
		Pueblo Depot Activity (AMC)				47
	17700	Ammunition Demilitarization Fac Ph I	0	11,800	N	49
		Subtotal Pueblo Depot Activity PART I	\$ 0	11,800		
		* TOTAL MCA FOR Colorado	\$ 25,000	15,500		
District of Columbia		Fort McNair (MDW)				55
	50687	Chapel	1,250	380	C	57
		Subtotal Fort McNair PART I	\$ 1,250	380		
		Walter Reed AMC (MEDCOM)				61
	12608	Physical Fitness Training Center	6,800	1,020	C	63
		Subtotal Walter Reed AMC PART I	\$ 6,800	1,020		
		* TOTAL MCA FOR District of Columbia	\$ 8,050	1,400		
Georgia		Fort Benning (TRADOC)				69
	35310	Whole Barracks Complex Renewal	47,000	7,100	C	71
	38974	Ammunition Holding Area	1,400	420	C	74
		Subtotal Fort Benning PART I	\$ 48,400	7,520		
		Fort Stewart (FORSCOM)				77
	39590	Multi-purpose Training Range	7,200	1,100	C	79
	43542	Whole Barracks Complex Renewal w/Dining	7,000	7,000	C	82
		Subtotal Fort Stewart PART I	\$ 14,200	8,100		
		* TOTAL MCA FOR Georgia	\$ 62,600	15,620		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----		-----	-----	-----	-----	-----
Hawaii		Schofield Barracks (USARPAC)				89
	46902	Whole Barracks Complex Renewal	95,000	14,200	C	91
		Subtotal Schofield Barracks PART I	\$ 95,000	14,200		
		* TOTAL MCA FOR Hawaii	\$ 95,000	14,200		
Indiana		Newport Army Ammunition Plant (AMC)				97
	50041	Ammunition Demilitarization Fac Ph II	0	61,200	N	99
		Subtotal Newport Army Ammunition Plant PART I	\$ 0	61,200		
		* TOTAL MCA FOR Indiana	\$ 0	61,200		
Kansas		Fort Leavenworth (TRADOC)				105
	45561	Water Treatment Plant	8,100	1,200	C	107
	49466	Whole Barracks Complex Renewal	26,000	3,900	C	110
	50784	US Disciplinary Barracks Ph III	0	18,800	C	113
		Subtotal Fort Leavenworth PART I	\$ 34,100	23,900		
		* TOTAL MCA FOR Kansas	\$ 34,100	23,900		
Kentucky		Blue Grass Army Depot (AMC)				119
	8986	Ammunition Surveillance Facility	6,000	900	C	121
	21994	Ammunition Demilitarization Fac Ph I	195,800	11,800	N	124
	33927	Ammunition Demilitarization Support	11,000	11,000	N	128
		Subtotal Blue Grass Army Depot PART I	\$ 212,800	23,700		
		Fort Campbell (FORSCOM)				131
	10663	MOU Training Complex	14,400	2,150	C	133
	50407	Sabre Heliport Improvements	16,500	2,475	C	136
	51665	Whole Barracks Complex Renewal Ph II	0	4,800	C	139
	51687	Physical Fitness Training Center	6,000	900	C	142
		Subtotal Fort Campbell PART I	\$ 36,900	10,325		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----		-----	-----	-----	-----	-----
		Fort Knox (TRADOC)				145
	51681	Multi-purpose Digital Training Range Ph II	0	2,400	C	147
		Subtotal Fort Knox PART I	\$ 0	2,400		
		* TOTAL MCA FOR Kentucky	\$ 249,700	36,425		
Maryland		Aberdeen Proving Ground (AMC)				153
	50052	Ammunition Demilitarization Fac Ph II	0	66,600	N	155
		Subtotal Aberdeen Proving Ground PART I	\$ 0	66,600		
		Fort Meade (MDW)				159
	19913	Military Entrance Processing Station	4,450	1,350	C	161
	46169	Whole Barracks Complex Renewal	18,000	2,700	C	164
		Subtotal Fort Meade PART I	\$ 22,450	4,050		
		* TOTAL MCA FOR Maryland	\$ 22,450	70,650		
Massachusetts		Westover AFB (SAC)				169
	49289	Military Entrance Processing Station	4,000	1,200	C	171
		Subtotal Westover AFB PART I	\$ 4,000	1,200		
		* TOTAL MCA FOR Massachusetts	\$ 4,000	1,200		
Missouri		Fort Leonard Wood (TRADOC)				177
	44622	Wolverine/Grizzly Simulator Facility	10,600	1,600	N	179
		Subtotal Fort Leonard Wood PART I	\$ 10,600	1,600		
		* TOTAL MCA FOR Missouri	\$ 10,600	1,600		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
New York		United States Military Academy (USMA)				185
	47592	Cadet Physical Development Center Ph II	0	28,500	C	187
		Subtotal United States Military Academy PART I	\$ 0	28,500		
		* TOTAL MCA FOR New York	\$ 0	28,500		
North Carolina		Fort Bragg (FORSCOM)				193
	41877	Heavy Drop Rigging Facility	30,000	4,500	C	195
	47346	Whole Barracks Complex Renewal	74,000	16,508	C	199
	48325	MOUT Training Complex Ph II	7,000	5,600	C	203
		Subtotal Fort Bragg PART I	\$ 111,000	26,608		
		Sunny Point Military Ocean Terminal (MIMC)				207
	49320	Ammunition Surveillance Facility	3,800	550	C	209
		Subtotal Sunny Point Military Ocean Terminal	P\$ 3,800	550		
		* TOTAL MCA FOR North Carolina	\$ 114,800	27,158		
Oklahoma		McAlester Army Ammunition Plant (AMC)				215
	43308	Railyard Infrastructure	6,800	2,000	C	217
	50881	Ammunition Road Infrastructure	6,800	1,020	C	220
	50984	Fire Station	3,000	900	C	223
		Subtotal McAlester Army Ammunition Plant PART I	\$ 16,600	3,920		
		Fort Sill (TRADOC)				227
	41630	Rail and Containerization Facility	13,200	2,000	C	229
		Subtotal Fort Sill PART I	\$ 13,200	2,000		
		* TOTAL MCA FOR Oklahoma	\$ 29,800	5,920		



DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----		-----	-----	-----	-----	-----
Oregon		Umatilla Depot Activity (AMC)				235
	50009	Ammunition Demilitarization Fac Ph V	0	35,900	N	237
		Subtotal Umatilla Depot Activity PART I	\$ 0	35,900		
		* TOTAL MCA FOR Oregon	\$ 0	35,900		
Pennsylvania		Carlisle Barracks (TRADOC)				243
	33781	Whole Barracks Complex Renewal	5,000	750	C	245
		Subtotal Carlisle Barracks PART I	\$ 5,000	750		
		Letterkenny Army Depot (AMC)				249
	49145	Ammunition Containerization Complex	3,650	570	C	251
		Subtotal Letterkenny Army Depot PART I	\$ 3,650	570		
		* TOTAL MCA FOR Pennsylvania	\$ 8,650	1,320		
South Carolina		Fort Jackson (TRADOC)				257
	21356	Emergency Services Center	7,400	1,100	C	259
		Subtotal Fort Jackson PART I	\$ 7,400	1,100		
		* TOTAL MCA FOR South Carolina	\$ 7,400	1,100		
Texas		Fort Bliss (TRADOC)				265
	30504	Air Deployment Facility Complex	17,000	2,550	C	267
	44920	Aircraft Loading Apron	22,000	3,300	C	271
	44921	Ammunition Hot Load Facility	11,400	1,700	C	274
		Subtotal Fort Bliss PART I	\$ 50,400	7,550		
		Fort Hood (FORSCOM)				277
	16496	Fixed Wing Aircraft Parking Apron	31,000	4,600	C	279
	22611	Whole Barracks Complex Renewal	29,000	4,350	C	283
	46988	Deployment Ready Reactive Field & Trails	8,000	2,000	C	287

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
INSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Texas		Fort Hood (FORSCOM) (CONT.)				277
	48664	Force XXI Soldier Development Center Ph II	0	14,000	N	290
	50785	Railhead Facility Phase II	0	14,800	C	294
		Subtotal Fort Hood PART I	\$ 68,000	39,750		
		* TOTAL MCA FOR Texas	\$ 118,400	47,300		
Virginia		Fort Belvoir (MDW)				299
	47224	Fire Station	1,700	500	C	301
	47271	Military Police Station	2,150	640	C	304
		Subtotal Fort Belvoir PART I	\$ 3,850	1,140		
		Fort Eustis (TRADOC)				307
	46662	Whole Barracks Complex Renewal	39,000	5,800	C	309
		Subtotal Fort Eustis PART I	\$ 39,000	5,800		
		Fort Myer (MDW)				313
	49263	Public Safety Center	2,900	870	C	315
		Subtotal Fort Myer PART I	\$ 2,900	870		
		* TOTAL MCA FOR Virginia	\$ 45,750	7,810		
Washington		Fort Lewis (FORSCOM)				321
	41845	Physical Fitness Training Center	6,200	1,850	C	323
	43092	Ammunition Supply Point	5,200	1,560	C	326
	44800	Tank Trail Erosion Mitigation-Yakima V	12,000	2,000	C	329
		Subtotal Fort Lewis PART I	\$ 23,400	5,410		
		* TOTAL MCA FOR Washington	\$ 23,400	5,410		
** TOTAL INSIDE THE UNITED STATES FOR MCA			\$ 903,200	478,713		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
OUTSIDE THE UNITED STATES

STATE	INSTALLATION (COMMAND)			NEW/	
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION PAGE
-----		-----	-----	-----	-----
Germany		Germany Various (USAREUR)			335
		Ansbach			
	47307	Whole Barracks Complex Renewal	21,000	3,150	C 337
		Bamberg			
	49359	Whole Barracks Complex Renewal	5,700	860	C 340
	51007	Whole Barracks Complex Renewal	9,300	1,400	C 343
	51009	Whole Barracks Complex Renewal	8,200	1,230	C 346
		Mannheim			
	50992	Whole Barracks Complex Renewal	4,500	675	C 349
		Subtotal Germany Various PART I	\$ 48,700	7,315	
		* TOTAL MCA FOR Germany	\$ 48,700	7,315	
Korea		Korea Various (EUSA)			355
		Western Corridor			
		Combined Field Army			
	49532	Electrical System Upgrade	3,650	1,100	C 357
		Eastern Corridor			
	49341	Whole Barracks Complex Renewal	31,000	4,650	C 360
		Western Corridor			
	51245	Water System Upgrade	3,050	920	C 363
		Subtotal Korea Various PART I	\$ 37,700	6,670	
		* TOTAL MCA FOR Korea	\$ 37,700	6,670	
Kwajalein		Kwajalein Atoll (USASMDC)			369
		Kwajalein Atoll			
	50790	Power Plant Ph II - Roi Namur Island	0	35,400	C 371
		Subtotal Kwajalein Atoll PART I	\$ 0	35,400	
		* TOTAL MCA FOR Kwajalein	\$ 0	35,400	
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			\$ 86,400	49,385	

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)  
WORLDWIDE

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
-----	NUMBER	----- PROJECT TITLE -----	-----	-----	-----	-----
Worldwide Various		Worldwide Various Locations (WORLDWD)				
	52058	Classified Project	36,400	36,400		377
		Subtotal Worldwide Various Locations PART I	\$ 36,400	36,400		
		Minor Construction (MINEXG)				
	44144	Unspecified Minor Construction	9,500	9,500		379
		Subtotal Minor Construction PART I	\$ 9,500	9,500		
		Planning and Design (PLANDES)				
	44147	Host Nation Support	21,300	21,300		381
	44149	Planning and Design	60,705	60,705		383
		Subtotal Planning and Design PART I	\$ 82,005	82,005		
		* TOTAL MCA FOR Worldwide Various	\$ 127,905	127,905		
		** TOTAL WORLDWIDE FOR MCA	\$ 127,905	127,905		
		MILITARY CONSTRUCTION (PART I) TOTAL	\$ 1,117,505	656,003		

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## FY 2000 MCA Projects

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Cost (\$000)</u>	<u>New/Current</u>
Inside The United States				
Alabama	Anniston Army Depot	Ammunition Demilitarization Fac Ph VII	7,000	N
Alaska	Fort Richardson	Whole Barracks Complex Renewal	14,600	C
Alaska	Fort Wainwright	Emission Reduction Facility	15,500	C
Arkansas	Pine Bluff Arsenal	Ammunition Demilitarization Fac Ph IV	61,800	N
California	Fort Irwin	Rotational Unit Facility Maintenance Area	13,400	C
Colorado	Peterson Air Force Base	US Army Space Command Headquarters	25,000	C
Colorado	Pueblo Depot Activity	Ammunition Demilitarization Fac Ph I	11,800	N
District of Columbia	Fort McNair	Chapel	1,250	C
District of Columbia	Walter Reed Army Medical Ctr	Physical Fitness Training Center	6,800	C
Georgia	Fort Benning	Whole Barracks Complex Renewal	47,000	C
Georgia	Fort Benning	Ammunition Holding Area	1,400	C
Georgia	Fort Stewart	Multi-purpose Training Range	7,200	C
Georgia	Fort Stewart	Whole Barracks Complex Renewal w/Dining	7,000	C
Hawaii	Schofield Barracks	Whole Barracks Complex Renewal	95,000	C
Indiana	Newport AAP	Ammunition Demilitarization Fac Ph II	61,200	N
Kansas	Fort Leavenworth	Water Treatment Plant	8,100	C
Kansas	Fort Leavenworth	Whole Barracks Complex Renewal	26,000	C
Kansas	Fort Leavenworth	US Disciplinary Barracks Ph III	18,800	C
Kentucky	Blue Grass Army Depot	Ammunition Surveillance Facility	6,000	C
Kentucky	Blue Grass Army Depot	Ammunition Demilitarization Fac Ph I	195,800	N
Kentucky	Blue Grass Army Depot	Ammunition Demilitarization Support	11,000	N
Kentucky	Fort Campbell	MOUT Training Complex	14,400	C
Kentucky	Fort Campbell	Sabre Heliport Improvements	16,500	C
Kentucky	Fort Campbell	Whole Barracks Complex Renewal Ph II	4,800	C
Kentucky	Fort Campbell	Physical Fitness Training Center	6,000	C
Kentucky	Fort Knox	Multi-purpose Digital Training Range Ph II	2,400	C
Maryland	Aberdeen Proving Ground	Ammunition Demilitarization Fac Ph II	66,600	N
Maryland	Fort Meade	Military Entrance Processing Station	4,450	C
Maryland	Fort Meade	Whole Barracks Complex Renewal	18,000	C
Massachusetts	Westover AFB	Military Entrance Processing Station	4,000	C
Missouri	Fort Leonard Wood	Wolverine/Grizzly Simulator Facility	10,600	N
New York	U S Military Academy	Cadet Physical Development Center Ph II	28,500	C
North Carolina	Fort Bragg	Heavy Drop Rigging Facility	30,000	C
North Carolina	Fort Bragg	Whole Barracks Complex Renewal	74,000	C
North Carolina	Fort Bragg	MOUT Training Complex Ph II	7,000	C
North Carolina	Sunny Point Mil Ocean Term	Ammunition Surveillance Facility	3,800	C
Oklahoma	McAlester AAP	Railyard Infrastructure	6,800	C

## FY 2000 MCA Projects

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Cost (\$000)</u>	<u>New/Current</u>
Oklahoma	McAlester AAP	Ammunition Road Infrastructure	6,800	C
Oklahoma	McAlester AAP	Fire Station	3,000	C
Oklahoma	Fort Sill	Rail and Containerization Facility	13,200	C
Oregon	Umatilla Depot Activity	Ammunition Demilitarization Fac Ph V	35,900	N
Pennsylvania	Carlisle Barracks	Whole Barracks Complex Renewal	5,000	C
Pennsylvania	Letterkenny Army Depot	Ammunition Containerization Complex	3,650	C
South Carolina	Fort Jackson	Emergency Services Center	7,400	C
Texas	Fort Bliss	Air Deployment Facility Complex	17,000	C
Texas	Fort Bliss	Aircraft Loading Apron	22,000	C
Texas	Fort Bliss	Ammunition Hot Load Facility	11,400	C
Texas	Fort Hood	Fixed Wing Aircraft Parking Apron	31,000	C
Texas	Fort Hood	Whole Barracks Complex Renewal	29,000	C
Texas	Fort Hood	Deployment Ready Reactive Field & Trails	8,000	C
Texas	Fort Hood	Force XXI Soldier Development Center Ph II	14,000	N
Texas	Fort Hood	Railhead Facility Phase II	14,800	C
Virginia	Fort Belvoir	Fire Station	1,700	C
Virginia	Fort Belvoir	Military Police Station	2,150	C
Virginia	Fort Eustis	Whole Barracks Complex Renewal	39,000	C
Virginia	Fort Myer	Public Safety Center	2,900	C
Washington	Fort Lewis	Physical Fitness Training Center	6,200	C
Washington	Fort Lewis	Ammunition Supply Point	5,200	C
Washington	Fort Lewis	Tank Trail Erosion Mitigation-Yakima V	12,000	C
Outside The United States				
Germany	Ansbach	Whole Barracks Complex Renewal	21,000	C
Germany	Bamberg	Whole Barracks Complex Renewal	5,700	C
Germany	Bamberg	Whole Barracks Complex Renewal	9,300	C
Germany	Bamberg	Whole Barracks Complex Renewal	8,200	C
Germany	Mannheim	Whole Barracks Complex Renewal	4,500	C
Korea	Combined Field Army	Electrical System Upgrade	3,650	C
Korea	Eastern Corridor	Whole Barracks Complex Renewal	31,000	C
Korea	Western Corridor	Water System Upgrade	3,050	C
Kwajalein	Kwajalein Atoll	Power Plant Ph II - Roi Namur Island	35,400	C
Worldwide Various				
Worldwide Various	Minor Construction	Unspecified Minor Construction	9,500	
Worldwide Various	Planning and Design	Host Nation Support	21,300	
Worldwide Various	Planning and Design	Planning and Design	60,705	
Worldwide Various	Worldwide Various Locations	Classified Project	36,400	
Total Cost of New Mission projects (10)			475,700	
Total Cost of Current Mission projects (58)			876,900	
Total Cost of other line items (4)			127,905	
Total Cost of FY 2000 MCA Projects (72)			1,480,505	

DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 2000

INSTALLATION LIST

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Aberdeen Proving Ground		AMC	153
Anniston Army Depot		AMC	3
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Fort Belvoir		MDW	299
Fort Benning		TRADOC	69
Fort Bliss		TRADOC	265
Fort Bragg		FORSCOM	193
Blue Grass Army Depot		AMC	119
	C		
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Fort Campbell		FORSCOM	131
Carlisle Barracks		TRADOC	243
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Fort Eustis		TRADOC	307
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Germany Various		USAREUR	335
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Fort Hood		FORSCOM	277
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DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 2000

INSTALLATION LIST

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Fort Jackson		TRADOC	257
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Fort Knox		TRADOC	145
Korea Various		EUSA	355
Kwajalein Atoll		USASMDC	369
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Fort Leavenworth		TRADOC	105
Letterkenny Army Depot		AMC	249
Fort Lewis		FORSCOM	321
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McAlester Army Ammunition Plant		AMC	215
Fort McNair		MDW	55
Fort Meade		MDW	159
Fort Myer		MDW	313
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Newport Army Ammunition Plant		AMC	97
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Peterson Air Force Base		USASMDC	41
Pine Bluff Arsenal		AMC	25
Pueblo Depot Activity		AMC	47

DEPARTMENT OF THE ARMY  
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INSTALLATION LIST

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Walter Reed AMC	MEDCOM	61
Fort Richardson	USARPAC	11
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Schofield Barracks	USARPAC	89
Fort Sill	TRADOC	227
Fort Stewart	FORSCOM	77
Sunny Point Military Ocean Terminal	MIMC	207
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Umatilla Depot Activity	AMC	235
United States Military Academy	USMA	185
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Fort Wainwright	USARPAC	17
Fort Leonard Wood	TRADOC	177
Westover AFB	SAC	169

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DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION (PART I) FY 2000

COMMAND SUMMARY

MAJOR ARMY COMMAND NAME -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST -----
 INSIDE THE UNITED STATES -----		
US Army Materiel Command	233,050	272,490
US Army Forces Command	318,300	101,193
USA Military District of Washington	8,000	2,390
US Army Training and Doctrine Command	183,150	50,170
US Army Medical Command	6,800	1,020
Military Traffic Management Command	3,800	550
US Army Pacific	125,100	18,700
United States Military Academy	0	28,500
 OUTSIDE THE UNITED STATES -----		
Eighth United States Army	37,700	6,670
US Army Europe and Seventh Army	48,700	7,315
US Army Space & Strategic Defense Command	25,000	39,100
 WORLDWIDE -----		
Military Construction, Army-Minor	9,500	9,500
Planning and Design	82,005	82,005
Various US Army Major Commands-Worldwide	36,400	36,400
 TOTAL	 1,117,505	 656,003

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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 APPROPRIATION (\$)</u>
FY 1998	706,477,000
FY 1999	986,726,000
FY 2000	\$656,003,000
FY 2001 ( <i>Advance Appropriation</i> )	\$659,536,000

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 early in 1999.

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 funding 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.

2. Advance Appropriations. The Army is requesting full authorization on all new construction projects, including Chemical Demilitarization facilities. We are requesting the first increment of funding for these projects in fiscal year 2000, and advance appropriations to fund the balance of these projects in fiscal year 2001. Appropriations required for continuing construction are being requested in advance, since the first annual increments of each of these projects are not complete and usable facilities.

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.

4. Planning. This provides for necessary planning of military construction projects including design, host nation support, standards, surveys, studies, and other related activities.

Department of Defense

MILITARY CONSTRUCTION, ARMY

Fiscal Year 2000

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, \$656,003,000, to remain available until September 30, 2004: Provided, That of this amount, not to exceed \$82,005,000, 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:

In addition, for the foregoing purposes, \$659,536,000 to become available on October 1, 2000 and to remain available until September 30, 2005. (10 U.S.C. 2675, 2802-05, 2807, 2851-54, 2857; Military Construction Appropriations Act, 1999.)

Special Program Considerations  
Fiscal Year 2000

Contents

SECTION I - Items of Special Interest

SECTION II - Construction in Other Than Military Construction



## SECTION I

### 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 are 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 for 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 2000 Budget. Therefore, no siting plans are required.

**Items of Interest - Authorizations Committees**

***Authorization Conference Report #105-736***

**Report on Implementation of Utility system conveyance authority (Sec. 2815)**

On page 777, the Conferees referred to the provision (Sec 2815) requiring each service Army to submit a report, not later than March 1, 1999, regarding the selection criteria, advisability of including conveyance of associated real property, and description of how national security will not be adversely affected. Report will be provided to the Committees as requested.

***Senate Armed Services Committee - Report #105-189***

**Report on Hunter Liggett, California**

On page 394, the Committee directed the Army to submit a report detailing the Army's intent regarding the granting of a real estate license to the California National Guard. This report was provided to the Committees on December 11, 1999.

**Items of Interest - MILCON Appropriations Committees**

***House Appropriations Committee - Report #105-578***

Massachusetts - Westover Air Reserve Base: Military Entrance Processing Station

On page 13, the Committee directed the Army to accelerate the design of this project, and to include the required construction funding in its fiscal year 2000 budget request. This project is currently under design and has been included in the fiscal year 2000 President's Budget with an authorization request of \$4 million.

New Jersey - Fort Monmouth: Traffic Study

On page 13, the Committee directed the Army to report, by January 15, 1999, on traffic impacts outside the main gate, and on the need for on-post and off-post traffic improvements. This report was provided to the Committees on December 28, 1998.

Italy - Camp Darby

On page 13, the Committee directed the Army to report, by December 1, 1998, on the current and future use of Camp Darby, including the status of all NATOP Security Investment Program funds to be expended at this installation. This report was provided to the Committees on December 7, 1998.

California - Army Base, Rio Vista

On page 32, the Committee directed the Army to report, by July 15, 1998, on actions taken to demolish unsafe buildings, and complete environmental cleanup to ensure conveyance of the base. The Army provided this report to the committees on September 22, 1998.

California - Presidio of San Francisco

On page 32, the Committee directed the Army to report, by January 15, 1999, on the current status of environmental remediation activities at the Presidio of San Francisco, including the estimated dates for completion of such activities. The Army intends to provide this report to the committees in early February, 1999.

***Senate Appropriation Committee - Report #105-213***

Fort Hunter Liggett, CA

On page 14, the Committee directed the Army to submit a report detailing the Army's intent regarding the granting of a real estate license to the California National Guard. This report was provided to the Committees on December 11, 1999.

Coal car preheat facility, Fort Wainwright, AK

On page 15, the Committee directed the Army to make \$1,500,000 available to build a coal car preheat facility at Fort Wainwright, using funds provided in the unspecified minor construction account. This project is currently under design and has been

included at \$1,500,000 in the fiscal year 1999 Unspecified Minor Military Construction Army program.

Planning and Design

On page 15, the Committee directed the Army to make FY99 funds available for the design of the following projects:

<u>State</u>	<u>Location</u>	<u>Project</u>	<u>Not less than: (\$ thousands)</u>	<u>Status</u>
WA	Fort Lewis	North Fort Athletic Complex	465	Project is under design and included in the FY00 Budget
AK	Fort Wainwright	Ammunition Surveillance Facility	320	Project is under design and programmed in FY03

*Appropriations Conference - Report #105-647*

Kentucky - Fort Campbell: Sabre Heliportfff

On page 12, the Conferees directed the Army to report, by January 15, 1999, on the plan and timetable to make necessary airfield improvements. The Army provided this report to the Committees on January 22, 1999.

New York - Fort Drum: Consolidated Soldier/Family Support Center

On page 12, the Conferees encouraged the Army to include this project in the budget request for fiscal year 2000. A \$21 million project for the Fort Drum Consolidated Soldier/Family Support Center is included in the fiscal years 2000-2005 Future Years Defense Program (FYDP) in fiscal year 2002. The project was not included in an earlier year due to other higher priority requirements.

Unspecified Minor Construction

On page 12, within increased funds provided for Unspecified Minor Construction, the Conferees directed the Army to provide needed athletic facilities such as ball fields and running track, at Camp McGovern, Bosnia-Herzegovina. Two projects are under design and have been included in the FY 1999 Unspecified Minor Military Construction Army program. They are Fitness Centers at Camps McGovern, Demi, Comanche and Dobol for \$1,400,000; and various athletic fields at Camp Comanche and Eagle Base for \$880,000 in support of the soldiers stationed in Bosnia.

Special Program Considerations  
Fiscal Year 2000

SECTION II

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

Procurement of Ammunition, Army

B. Other Appropriations (Major Repair and Minor Construction)

Research, Development, Test and Evaluation (RDTE)

Operation and Maintenance, Army (OMA)

Operation and Maintenance, Army Reserve (OMAR)

Operation and Maintenance, Army National Guard (OMNG)

CONSTRUCTION FUNDED IN OTHER THAN MILCON - FY00  
(\$000)

A. Procurement

Location	Project Title	Budget Estimate
Iowa AAP, IA	Replace Grade/Beams 3A, Yard L Docks	3,955
	Renovate Building 100-101, Phase II	1,240
	Install Dry-type Sprinklers (5), Yard L	930
	Refurbish Mathes Lake Dam	210
	Sewer Rehabilitation Continuation	2,000
Scranton AAP, PA	Environmental - Upgrade Drainage System	1,455
Milan AAP, TN	Environmental - Upgrade Sewage Treatment Plant	3,914
Lone Star AAP, TX	Environmental - Sanitary Sewer Collection System	1,814
Radford AAP, VA	Replace Distribution Water Lines Green	825
	Total PAA	\$16,343

B. Other Appropriations (Major Repair and Minor Construction)

Operation and Maintenance, Army (OMA)	38,466
Operation & Maintenance, Army Reserve (OMAR)	8,352
Operation & Maintenance, Army National Guard (OMNG)	6,096
Total Other Appropriations	\$52,914

Special Program Considerations  
Fiscal Year 2000

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

Procurement of Ammunition, Army

B. Other Appropriations (Major Repair and Minor Construction)

Research, Development, Test and Evaluation (RDTE)

Operation and Maintenance, Army (OMA)

Operation and Maintenance, Army Reserve (OMAR)

Operation and Maintenance, Army National Guard (OMNG)



CONSTRUCTION FUNDED IN OTHER THAN MILCON - FY00  
(\$000)

A. Procurement

Location	Project Title	Budget Estimate
Iowa AAP, IA	Replace Grade/Beams 3A, Yard L Docks	3,955
	Renovate Building 100-101, Phase II	1,240
	Install Dry-type Sprinklers (5), Yard L	930
	Refurbish Mathes Lake Dam	210
	Sewer Rehabilitation Continuation	2,000
Scranton AAP, PA	Environmental - Upgrade Drainage System	1,455
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Operation and Maintenance, Army (OMA)	38,466
Operation & Maintenance, Army Reserve (OMAR)	8,352
Operation & Maintenance, Army National Guard (OMNG)	6,096
Total Other Appropriations	\$52,914

Special Program Considerations  
Fiscal Year 2000

SECTION III

Supervision, Inspection, and Overhead

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Worldwide Various Locations Worldwide Various Locations, Worldwide Va			4.PROJECT TITLE SIOH Program		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  000	7.PROJECT NUMBER  52346	8.PROJECT COST (\$000) Auth Approp      -30,689		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				30,689	
Suprvn, Insp & Ovrhd (Reduction	LS	--	--	(30,689)	
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST      30,689					
CONTINGENCY PERCENT (.00 %)					
SUBTOTAL      30,689					
SUPV, INSP & OVERHEAD (.00 %)					
TOTAL REQUEST      30,689					
TOTAL REQUEST (ROUNDED)      30,689					
INSTALLED EQT-OTHER APPROP      (0)					
10.Description of Proposed Construction      The funds requested will be used to finance the Supervision, Inspection, and Overhead (SIOH) associated with Military Construction, Army funded projects which will be transferred from Budget Activity 1 for execution in Budget Activity 3.					

PREVIOUS EDITIONS MAY BE USED INTERNALLY  
UNTIL EXHAUSTED

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1. COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2. DATE  08 FEB 1999	
3. INSTALLATION AND LOCATION Planning and Design Planning and Design, Worldwide Various			4. PROJECT TITLE SIOH Program		
5. PROGRAM ELEMENT  91211A	6. CATEGORY CODE  000	7. PROJECT NUMBER  52347	8. PROJECT COST (\$000) Auth Approp      30,689		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				30,689	
Supervision, Insp & Overhead	LS	--	--	(30,689)	
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST				30,689	
CONTINGENCY PERCENT (.00 %)					
SUBTOTAL				30,689	
SUPV, INSP & OVERHEAD (.00 %)					
TOTAL REQUEST				30,689	
TOTAL REQUEST (ROUNDED)				30,689	
INSTALLED EQT-OTHER APPROP				(0)	
10. Description of Proposed Construction      The funds requested will be used to finance the Supervision, Inspection, and Overhead (SIOH) associated with Military Construction, Army funded projects which will be transferred from Budget Activity 1 for execution in Budget Activity 3.					

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Alabama		Anniston Army Depot (AMC)				3
	50751	Ammunition Demilitarization Fac Ph VII	0	7,000	N	5
		Subtotal Anniston Army Depot PART I	\$ 0	7,000		
		* TOTAL MCA FOR Alabama	\$ 0	7,000		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Anniston Army Depot Alabama		4. COMMAND  US Army Materiel 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 1998	8	51	2752	0	0	0	0	0	1357	4,168
B. END FY 2005	6	20	2665	0	0	0	0	0	1257	3,948

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	6,183 ha (15,279 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	225,519
C. AUTHORIZATION NOT YET IN INVENTORY.....	388,450
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	7,000
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	61,579
H. GRAND TOTAL.....	682,548

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
216	50751	Ammunition Demilitarization Fac Ph VII	7,000	01/1987 01/1992
TOTAL			7,000	

9. FUTURE PROJECTS:		
CATEGORY	COST	
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
<p>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.</p>	

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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Anniston Army Depot                      Alabama		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$89,923,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Anniston Army Depot Alabama			4.PROJECT TITLE Ammunition Demilitarization Fac Ph VII		
5.PROGRAM ELEMENT  78007A	6.CATEGORY CODE  216	7.PROJECT NUMBER  50751	8.PROJECT COST (\$000) Auth Approp      7,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Munitions Demil Building	m2 (SF)	7,661 ( 82,466)	8,882	108,186 (68,051)	
Process & Utility Building	m2 (SF)	1,877 ( 20,200)	3,854	(7,232)	
Container Handling Building	m2 (SF)	3,465 ( 37,300)	3,165	(10,967)	
Corridor	m2 (SF)	603.87 ( 6,500)	3,165	(1,911)	
Personnel Support Building	m2 (SF)	1,186 ( 12,767)	2,329	(2,762)	
Total from Continuation page				(17,263)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	38,018 (14,076)	
Water, Sewer, Gas	LS	--	--	(4,666)	
Paving, Walks, Curbs & Gutters	LS	--	--	(5,784)	
Storm Drainage	LS	--	--	(1,087)	
Site Imp(11,434) Demo(      )	LS	--	--	(11,434)	
Information Systems	LS	--	--	(971)	
ESTIMATED CONTRACT COST				146,204	
CONTINGENCY PERCENT (8.00%)				<u>11,696</u>	
SUBTOTAL				157,900	
SUPV, INSP & OVERHEAD (5.70%)				<u>9,000</u>	
TOTAL REQUEST				166,900	
TOTAL REQUEST (ROUNDED)				166,900	
INSTALLED EQT-OTHER APPROP				(162,534)	
10.Description of Proposed Construction      Construct a Chemical Stockpile Disposal Program (CSDP) facility using incremental authorization and appropriations. This request is for Increment VII (\$7.0 million). Increment I for site preparation (Project Number (PN) 35170, \$4.9 million) was approved in the FY 91 MILCON program. Increment II (PN 34889, \$29.2 million) was approved in FY 92. Funds in the amount of \$67.0 million were reprogrammed from the \$96.2 million originally provided in FY 92 for PN 34889. Increment III (PN 39202, \$10.0 million, in authorization only) was approved in FY 93, Increment IV (PN 41302, \$110.9 million) was approved in FY 94, Increment V (PN 43422, \$5.0 million) was approved in FY 95, and Increment VI (PN 47863, \$9.9 million) was approved in FY 98. This project, at full funding and authorization, will result in the construction of a site-adapted toxic chemical munitions demilitarization (Demil) complex to process lethal chemical munitions. Primary facilities include ammunition demilitarization building (MDB) with blast containment area connected by an enclosed corridor to a munitions container handling building; a process utilities building with bulk chemical storage, brine reduction facilities, and a boiler room; a personnel and maintenance facility with change rooms, maintenance storage facility, and medical treatment area; a process support and administrative building; a chemical analysis laboratory; and entry control facility; and office/storage space and laboratory for non-US					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Anniston Army Depot, Alabama		
4. PROJECT TITLE		5. PROJECT NUMBER
Ammunition Demilitarization Fac Ph VII		50751
<u>9. COST ESTIMATES (CONTINUED)</u>		
Item	UM (M/E)	QUANTITY
		Unit COST
		Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>		
Personnel Maintenance Building	m2 (SF)	1,736 ( 18,683)    2,575    (4,469)
Entry Control Facility	m2 (SF)	115.48 ( 1,243)    9,758    (1,127)
Laboratory	m2 (SF)	780.39 ( 8,400)    6,858    (5,352)
Warehouse	m2 (SF)	2,601 ( 28,000)    695.66    (1,810)
Treaty Compliance Facility	m2 (SF)	281.68 ( 3,032)    4,673    (1,316)
Guard House	m2 (SF)	148.64 ( 1,600)    860.58    (128)
IDS Installation	LS	--    --    (1,568)
Building Information Systems	LS	--    --    (1,493)
		Total    17,263
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>		
inspector and associated US escorts. Special features include blast doors; fire protection; a cascading heating, ventilation, and air conditioning (HVAC) system with airlocks for agent containment; special air filtration; special personnel protective clothing area; toxic chemical resistive coatings and surfaces; explosion-proof electrical fixtures; and information systems. Install an intrusion detection system (IDS). Supporting facilities include utilities; waste water treatment plant; electric service; and electrical substation; lighting and static protection system; standby electric generators with bypass isolation switches; paving, walks, curbs and gutters; access road; fire protection and alarm systems; storm drainage; security fencing, gates and lighting; fuel storage and distribution; information systems; and site improvements. Heating will be provided by gas-fired, self-contained system and air conditioning (500 tons) will be provided by self-contained units.		
<u>11. REQ:</u> 1 EA    ADQT:                      NONE                      SUBSTD:                      NONE		
<u>PROJECT:</u> Construct a toxic chemical munitions demilitarization complex to dispose of lethal chemical agent munitions stored at Anniston Army Depot (New Mission)		
<u>REQUIREMENT:</u> 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.		
<u>CURRENT SITUATION:</u> Rockets, mines, projectiles, and one-ton containers containing lethal chemical agents are stored in igloos at the installation some showing rapid deterioration. These munitions are of no strategic value, but they must be safely stored and inspected to ensure that there is no risk		

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Anniston Army Depot, Alabama		
4.PROJECT TITLE  Ammunition Demilitarization Fac Ph VII	5.PROJECT NUMBER  50751	

CURRENT SITUATION:    (CONTINUED)

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 and Depot 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.

12.    SUPPLEMENTAL DATA:

A.    Estimated Design Data:

(1)    Status:

(a)    Date Design Started.....	JAN 1987
(b)    Percent Complete As Of January 1999.....	100.00
(c)    Date 35% Designed.....	AUG 1989
(d)    Date Design Complete.....	JAN 1992
(e)    Parametric Cost Estimating Used to Develop Costs	NO

(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.....	7,515
(b)    All Other Design Costs.....	3,854
(c)    Total Design Cost.....	11,369
(d)    Contract.....	7,515
(e)    In-house.....	3,854

(4)    Construction Start.....    FEB 1996

(5)    Construction Completion.....    FEB 2000

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																								
ARMY		08 FEB 1999																																								
3. INSTALLATION AND LOCATION																																										
Anniston Army Depot, Alabama																																										
4. PROJECT TITLE		5. PROJECT NUMBER																																								
Ammunition Demilitarization Fac Ph VII		50751																																								
<p>12. <u>SUPPLEMENTAL DATA:</u>    (CONTINUED)</p> <p style="margin-left: 40px;">B.    Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left; width: 35%;">Equipment <u>Nomenclature</u></th> <th style="text-align: left; width: 25%;">Procuring <u>Appropriation</u></th> <th style="text-align: left; width: 20%;">Fiscal Year Appropriated Or Requested</th> <th style="text-align: left; width: 20%;">Cost (\$000)</th> </tr> </thead> <tbody> <tr><td>Process Equipment</td><td>CAMDD</td><td>1992</td><td>40,703</td></tr> <tr><td>Process Equipment</td><td>CAMDD</td><td>1993</td><td>39,300</td></tr> <tr><td>Process Equipment</td><td>CAMDD</td><td>1995</td><td>698</td></tr> <tr><td>Process Equipment</td><td>CAMDD</td><td>1997</td><td>10,650</td></tr> <tr><td>Process Equipment</td><td>CAMDD</td><td>1998</td><td>6,822</td></tr> <tr><td>Carbon Filtration System</td><td>CAMDD</td><td>1997</td><td>33,000</td></tr> <tr><td>Carbon Filtration System</td><td>CAMDD</td><td>1999</td><td>17,100</td></tr> <tr><td>Carbon Filtration System</td><td>CAMDD</td><td>2000</td><td>14,261</td></tr> <tr> <td colspan="3" style="text-align: right; padding-top: 10px;">TOTAL</td> <td style="border-top: 1px solid black; padding-top: 10px;">162,534</td> </tr> </tbody> </table>			Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated Or Requested	Cost (\$000)	Process Equipment	CAMDD	1992	40,703	Process Equipment	CAMDD	1993	39,300	Process Equipment	CAMDD	1995	698	Process Equipment	CAMDD	1997	10,650	Process Equipment	CAMDD	1998	6,822	Carbon Filtration System	CAMDD	1997	33,000	Carbon Filtration System	CAMDD	1999	17,100	Carbon Filtration System	CAMDD	2000	14,261	TOTAL			162,534
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated Or Requested	Cost (\$000)																																							
Process Equipment	CAMDD	1992	40,703																																							
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Carbon Filtration System	CAMDD	1999	17,100																																							
Carbon Filtration System	CAMDD	2000	14,261																																							
TOTAL			162,534																																							
Installation Engineer:    Mr. Tommy Gaines Phone Number:    256 235-4197																																										

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Alaska		Fort Richardson (USARPAC)				11
	45207	Whole Barracks Complex Renewal	14,600	2,200	C	13
		Subtotal Fort Richardson PART I	\$ 14,600	2,200		
		Fort Wainwright (USARPAC)				17
	44383	Emission Reduction Facility	15,500	2,300	C	19
		Subtotal Fort Wainwright PART I	\$ 15,500	2,300		
		* TOTAL MCA FOR Alaska	\$ 30,100	4,500		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Richardson Alaska	4. COMMAND  US Army Pacific	5. AREA CONSTRUCTION COST INDEX  1.50

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	510	2856	505	0	36	0	6	7	638	4,558
B. END FY 2005	491	2611	231	0	38	0	6	7	638	4,022

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	29,572 ha (73,074 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	297,061
C. AUTHORIZATION NOT YET IN INVENTORY.....	1,250
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	14,600
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	2,700
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	9,800
H. GRAND TOTAL.....	322,711

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
	CODE NUMBER			
	721 45207	Whole Barracks Complex Renewal	14,600	04/1997 09/1999
TOTAL			14,600	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. REQUESTED IN THE FY 2001 PROGRAM:		
214	Central Vehicle Wash Facility	2,700
TOTAL		2,700
B. PLANNED NEXT FOUR 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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Richardson Alaska		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$268,376,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Richardson Alaska			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  721	7.PROJECT NUMBER  45207	8.PROJECT COST (\$000) Auth                      14,600 Approp                    2,200		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Barracks	m2 (SF)	3,800 ( 40,900)	2,045	10,669 (7,771)	
Soldiers Community Bldg	m2 (SF)	1,358 ( 14,618)	2,045	(2,778)	
Building Information Systems	LS	--	--	(120)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	2,324 (525)	
Water, Sewer, Gas	LS	--	--	(358)	
Paving, Walks, Curbs & Gutters	LS	--	--	(349)	
Site Imp( 554) Demo( 100)	LS	--	--	(654)	
Information Systems	LS	--	--	(53)	
Utilidors	LS	--	--	(385)	
ESTIMATED CONTRACT COST				12,993	
CONTINGENCY PERCENT (5.00%)				650	
SUBTOTAL				13,643	
SUPV, INSP & OVERHEAD (6.50%)				887	
TOTAL REQUEST				14,530	
TOTAL REQUEST (ROUNDED)				14,600	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard-design barracks and a soldier community building. Barracks include living/sleeping rooms, semi-private bath, service area, walk-in closets, and storage. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; steam lines; sanitary and storm sewer; storm drainage; information systems; and site improvements. Heating will be provided by a gas-fired central heating and power plant. Demolish two buildings (83,284 SF). Comprehensive building and furnishings related interior design services are required.					
11. REQ:                      530 PN    ADQT:                      55 PN    SUBSTD:                      475 PN					
<u>PROJECT:</u> Construct a standard-design barracks and a soldier community building. (Current Mission)					
<u>REQUIREMENT:</u> This project is required to replace living facilities, and will provide housing for approximately 134 enlisted personnel (124 E1-E4, 10 E5-E6). Maximum utilization is 144 enlisted personnel. There are no facilities on or off post that can satisfy the current requirements. The soldier					

1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Richardson, Alaska		
4.PROJECT TITLE	5.PROJECT NUMBER	
Whole Barracks Complex Renewal	45207	
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>community building capacity will be for 300 personnel because it will serve a barracks built in the next phase of the program.</p> <p><u>CURRENT SITUATION:</u>    The existing unaccompanied enlisted personnel housing was constructed in 1951 and 1952 with open bays and gang latrines. Since that time, the open bays have been partitioned into sleeping rooms, but no other major renovations have been done to bring the facilities up to current standards. One building has been renovated to the 'two-plus-two' criteria with 106 personnel maximum utilization. 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. During the long, dark, and cold winter, troops spend a lot of time in their quarters, which can cause 'cabin fever'.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, troops will continue to occupy substandard living quarters, and the Army quality of life goals will not be achieved.</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. During the past two years, approximately \$9 million has been spent on Real Property Maintenance for barracks at Fort Richardson. Upon completion of this project, the remaining permanent party requirement is 331 personnel at this installation. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A.    Estimated Design Data:		
(1)    Status:		
(a)	Date Design Started.....	<u>APR 1997</u>
(b)	Percent Complete As Of January 1999.....	<u>35.00</u>
(c)	Date 35% Designed.....	<u>DEC 1998</u>
(d)	Date Design Complete.....	<u>SEP 1999</u>
(e)	Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(2)    Basis:		
(a)	Standard or Definitive Design:	YES
(b)	Where Most Recently Used:	Schofield Barracks
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a)	Production of Plans and Specifications.....	<u>775</u>
(b)	All Other Design Costs.....	<u>455</u>
(c)	Total Design Cost.....	<u>1,230</u>
(d)	Contract.....	<u>920</u>

1.COMPONENT	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2.DATE
ARMY			08 FEB 1999
3.INSTALLATION AND LOCATION			
Fort Richardson, Alaska			
4.PROJECT TITLE		5.PROJECT NUMBER	
Whole Barracks Complex Renewal		45207	
12. SUPPLEMENTAL DATA: (Continued)			
A. Estimated Design Data: (Continued)			
(e) In-house..... 310			
(4) Construction Start..... JAN 2000			
(5) Construction Completion..... JUN 2001			
<p>Installation Engineer: W.M. BROWN</p> <p>Phone Number: (907) 384-3000</p>			

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Fort Wainwright Alaska		4. COMMAND  US Army Pacific			5. AREA CONSTRUCTION COST INDEX  1.71	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	541	4411	1474	0	0	0	9	63	1197	7,695
B. END FY 2005	537	4195	1477	0	0	0	9	63	1197	7,478

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	383,057 ha (946,552 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	585,685
C. AUTHORIZATION NOT YET IN INVENTORY.....	33,980
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	15,500
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	45,050
H. GRAND TOTAL.....	680,215

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
821	44383	Emission Reduction Facility	15,500	01/1998 09/1999
TOTAL			15,500	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR 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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Wainwright Alaska		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$601,971,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION Fort Wainwright Alaska			4.PROJECT TITLE Emission Reduction Facility	
5.PROGRAM ELEMENT  22056A	6.CATEGORY CODE  821	7.PROJECT NUMBER  44383	8.PROJECT COST (\$000) Auth                    15,500 Approp                2,300	
9.COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				13,547
Filter System	LS	--	--	(10,169)
Controls and Instrumentation	LS	--	--	(124)
Ash Collection System	LS	--	--	(925)
Structural Support	LS	--	--	(2,251)
Asbestos Removal	m2 (SF)	1,115 (    12,000)	69.65	(78)
<u>SUPPORTING FACILITIES</u>				103
Water, Sewer, Gas	LS	--	--	(5)
Paving, Walks, Curbs & Gutters	LS	--	--	(22)
Site Imp(        76) Demo(        )	LS	--	--	(76)
ESTIMATED CONTRACT COST				13,650
CONTINGENCY PERCENT (5.00%)				683
SUBTOTAL				14,333
SUPV, INSP & OVERHEAD (6.50%)				932
TOTAL REQUEST				15,265
TOTAL REQUEST (ROUNDED)				15,500
INSTALLED EQT-OTHER APPROP				(0)
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a full-stream emission reduction system to support the boilers in the existing coal-fired central heating and power plant (CHPP). Work includes a structure; filter system; ash collection system; controls and instrumentation; structural, mechanical and electrical modifications required to connect to the existing stacks; fire detection system; and asbestos and lead paint removal. Heating will be provided from the coal-fired central heating and power plant.				
11. REQ:                                    1 EA    ADQT:                                    NONE                    SUBSTD:                                    NONE				
PROJECT: Construct a full-stream emission reduction system. (Current Mission)				
REQUIREMENT: This project is required to reduce the particulate level in the fly ash emissions from the CHPP. The project will provide a full-stream baghouse, connected to the existing boilers and stacks. Prior to release by the stacks, boiler exhaust will be routed through a filter system to remove ash particulates. The ash will be collected in the ash collection system for disposal.				





1.COMPONENT  ARMY	FY 2000    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Wainwright, Alaska		
4.PROJECT TITLE  Emission Reduction Facility		5.PROJECT NUMBER  44383
<div style="text-align: center; padding-top: 100px;"> Installation Engineer: W.M. BROWN  Phone Number: (907) 384-3000 </div>		

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION
-----		-----	-----	-----	-----
Arkansas		Pine Bluff Arsenal (AMC)			25
	47259	Ammunition Demilitarization Fac Ph IV	0	61,800	N 27
		Subtotal Pine Bluff Arsenal PART I	\$ 0	61,800	
		* TOTAL MCA FOR Arkansas	\$ 0	61,800	

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Pine Bluff Arsenal Arkansas		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 1998	11	33	996	4	5	0	0	2	441	1,492
B. END FY 2005	12	32	829	5	7	0	0	2	441	1,328

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	6,047 ha (14,943 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	195,999
C. AUTHORIZATION NOT YET IN INVENTORY.....	66,671
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	61,800
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	34,400
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	58,390
H. GRAND TOTAL.....	417,260

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS
	CODE NUMBER			START COMPLETE
	216 47259	Ammunition Demilitarization Fac Ph IV	61,800	08/1989 04/1994
TOTAL			61,800	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
	216 Ammunition Demilitarization Fac Ph-V	34,400
TOTAL		34,400
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<p>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 Chemical Command (AMCOCOM) installations; to perform chemical laboratory testing; to accomplish repair, maintenance, calibration and operational support for chemical defensive test equipment; to accomplish the disposal and demilitarization of chemical agents and munitions; to accomplish repair and maintenance of chemical defensive materiel; to accomplish the binary munitions program; and to provide administrative and</p>

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: Pine Bluff Arsenal                      Arkansas										
10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED) logistical support services to tenant activities.										
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 estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$142,236,000, based on the Installation Status Report information on conditions as of October 1998.										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Pine Bluff Arsenal Arkansas			4.PROJECT TITLE Ammunition Demilitarization Fac Ph IV		
5.PROGRAM ELEMENT  78007A	6.CATEGORY CODE  216	7.PROJECT NUMBER  47259	8.PROJECT COST (\$000) Auth Approp      61,800		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Munition Demil Building	m2 (SF)	6,952 ( 74,828)	10,267	109,799 (71,372)	
Process & Utility Building	m2 (SF)	2,006 ( 21,588)	4,555	(9,135)	
Container Handling Building	m2 (SF)	2,915 ( 31,381)	4,415	(12,871)	
Personnel Support Complex	m2 (SF)	905.06 ( 9,742)	3,617	(3,273)	
Medical/Maint. Building (Rehab)	m2 (SF)	351.27 ( 3,781)	5,696	(2,001)	
Total from Continuation page				(11,147)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	29,139 (16,238)	
Water, Sewer, Gas	LS	--	--	(3,109)	
Paving, Walks, Curbs & Gutters	LS	--	--	(5,466)	
Storm Drainage	LS	--	--	(799)	
Site Imp( 3,004) Demo( )	LS	--	--	(3,004)	
Information Systems	LS	--	--	(523)	
ESTIMATED CONTRACT COST				138,938	
CONTINGENCY PERCENT (5.00%)				6,947	
SUBTOTAL				145,885	
SUPV, INSP & OVERHEAD (5.70%)				8,315	
TOTAL REQUEST				154,200	
TOTAL REQUEST (ROUNDED)				154,200	
INSTALLED EQT-OTHER APPROP				(128,265)	
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 (\$61.8 million). Increment I (Project Number (PN) 2920, \$3.0 million) was approved in the FY 95 MILCON program and Increment II (PN 45423, \$46.0 million) was approved in FY 97. Increment III (PN 47258, \$9.0 million) is included in the FY 99 MILCON budget. Increment V (PN 50551, \$34.4 million) is planned for FY 01. 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; storm drainage;					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																													
ARMY		08 FEB 1999																																													
3. INSTALLATION AND LOCATION																																															
Pine Bluff Arsenal, Arkansas																																															
4. PROJECT TITLE		5. PROJECT NUMBER																																													
Ammunition Demilitarization Fac Ph IV		47259																																													
<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: left;">Unit COST</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>Entry Control Bldg (Rehab)</td> <td>m2 (SF)</td> <td>76.64 ( 825)</td> <td>524.13</td> <td>(40)</td> </tr> <tr> <td>Laboratory</td> <td>m2 (SF)</td> <td>880.16 ( 9,474)</td> <td>7,735</td> <td>(6,808)</td> </tr> <tr> <td>Security Kiosk</td> <td>m2 (SF)</td> <td>11.15 ( 120)</td> <td>7,709</td> <td>(86)</td> </tr> <tr> <td>IDS Installation</td> <td>LS</td> <td>--</td> <td>--</td> <td>(920)</td> </tr> <tr> <td>BZ Control Room (Rehab)</td> <td>m2 (SF)</td> <td>216.46 ( 2,330)</td> <td>12,607</td> <td>(2,729)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td>--</td> <td>--</td> <td>(564)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">11,147</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Entry Control Bldg (Rehab)	m2 (SF)	76.64 ( 825)	524.13	(40)	Laboratory	m2 (SF)	880.16 ( 9,474)	7,735	(6,808)	Security Kiosk	m2 (SF)	11.15 ( 120)	7,709	(86)	IDS Installation	LS	--	--	(920)	BZ Control Room (Rehab)	m2 (SF)	216.46 ( 2,330)	12,607	(2,729)	Building Information Systems	LS	--	--	(564)				Total	11,147
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																																											
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Building Information Systems	LS	--	--	(564)																																											
			Total	11,147																																											
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> 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:                    14,658 m2    ADQT:                    2,674 m2    SUBSTD:                    2,314 m2 <u>PROJECT:</u> Expand and modify the existing demil plant and construct a munitions demil facility. (New Mission) <u>REQUIREMENT:</u> 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. <u>CURRENT SITUATION:</u> 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. <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 agents and munitions deteriorate with age. The threat to the health of Arsenal employees and the environment will continue. <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.																																															

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Pine Bluff Arsenal, Arkansas		
4.PROJECT TITLE  Ammunition Demilitarization Fac Ph IV	5.PROJECT NUMBER  47259	

**12. SUPPLEMENTAL DATA:**

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>AUG 1989</u>
(b) Percent Complete As Of January 1999.....	<u>100.00</u>
(c) Date 35% Designed.....	<u>OCT 1989</u>
(d) Date Design Complete.....	<u>APR 1994</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>NO</u>

(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>8,220</u>
(b) All Other Design Costs.....	<u>8,098</u>
(c) Total Design Cost.....	<u>16,318</u>
(d) Contract.....	<u>10,360</u>
(e) In-house.....	<u>5,958</u>

(4) Construction Start..... JUL 1997

(5) Construction Completion..... OCT 2001

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	CAMDD	1993	8,459
Process Equipment	CAMDD	1995	44,845
Process Equipment	CAMDD	1996	10,000
Process Equipment	CAMDD	1997	10,596
Process Equipment	CAMDD	1999	6,000
Process Equipment	CAMDD	2000	4,225
Carbon Filtration System	CAMDD	2000	43,183
Info Sys - ISC	OPA	2000	812
Info Sys - PROP	OPA	2000	145
TOTAL			128,265

Installation Engineer: Randy Long  
Phone Number: (501) 540-3963

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
California		Fort Irwin (FORSCOM)				33
	41780	Rotational Unit Facility Maintenance Area	13,400	3,300	C	35
		Subtotal Fort Irwin PART I	\$ 13,400	3,300		
		* TOTAL MCA FOR California	\$ 13,400	3,300		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Fort Irwin California			4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  1.23

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	678	4017	554	0	0	0	340	4216	2682	12,487
B. END FY 2005	685	4099	478	0	0	0	340	4216	2703	12,521

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	257,476 ha (636,236 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	386,761
C. AUTHORIZATION NOT YET IN INVENTORY.....	67,374
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	13,400
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	25,900
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	132,932
H. GRAND TOTAL.....	600,467

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
852	41780	Rotational Unit Facility Maintenance Area	13,400	06/1996 10/1999
TOTAL			13,400	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
721	Whole Barracks Complex Renewal	25,900
TOTAL		25,900
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<p>The National Training Center (NTC) is an advanced collective training facility located at Fort Irwin, CA. Its mission is to provide advanced collective training opportunities to the task-organized elements of FORSCOM close-combat heavy brigades within the context of the overall FORSCOM training strategy and in accordance with AirLand Battle doctrine.</p>

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: Fort Irwin California										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table> <tr> <td></td> <td>(\$000)</td> </tr> <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> </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 estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$877,072,000, based on the Installation Status Report information on conditions as of October 1998.										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Irwin California			4.PROJECT TITLE Rotational Unit Facility Maintenance Area		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  852	7.PROJECT NUMBER  41780	8.PROJECT COST (\$000) Auth                    13,400 Approp                3,300		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					10,241
Pave Maintenance Pads		m2 (SF)	185,621 (1,998,008)	55.12	(10,232)
Building Information Systems		LS	--	--	(9)
<u>SUPPORTING FACILITIES</u>					1,861
Electric Service		LS	--	--	(1,290)
Water, Sewer, Gas		LS	--	--	(137)
Site Imp( 380) Demo( )		LS	--	--	(380)
Information Systems		LS	--	--	(54)
ESTIMATED CONTRACT COST					12,102
CONTINGENCY PERCENT (5.00%)					605
SUBTOTAL					12,707
SUPV, INSP & OVERHEAD (5.70%)					724
TOTAL REQUEST					13,431
TOTAL REQUEST (ROUNDED)					13,400
INSTALLED EQT-OTHER APPROP					(0)
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a rotational unit facility maintenance area (RUFMA). Project includes contamination prevention pad, maintenance areas and task lighting. Supporting facilities include utilities, electric service, fire protection and alarm systems, information systems, removal of existing concrete pads and poles, and site improvements.					
11. REQ:                    185,621 m2    ADQT:                    NONE                    SUBSTD:                    185,621 m2					
PROJECT: Construct maintenance areas for use by rotational troops. (Current Mission)					
REQUIREMENT: This project is required to bring the installation contamination recovery process into compliance with Federal and State environmental requirements. This will reduce generation of hazardous waste and spill containment in accordance with and as required by San Bernardino County Business Plan Requirements. This paved area is needed because the National Training Center (NTC) mission now requires a Prepositioned Fleet to be stationed here doubling the amount of vehicles previously stationed here five years ago. A complete utility system is also required for the area. This area					



1.COMPONENT		2.DATE
ARMY  FY 2000      MILITARY CONSTRUCTION PROJECT DATA		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Irwin, California		
4.PROJECT TITLE		5.PROJECT NUMBER
Rotational Unit Facility Maintenance Area		41780
<p><u>REQUIREMENT:</u>      (CONTINUED)</p> <p>is used solely by rotational troops conducting training at the NTC. Over 1,000 pieces of equipment are worked on at this location during a rotational turn-in. Twelve rotations a year are held at the NTC. Over 5,000 troops are deployed in each rotation.</p> <p><u>CURRENT SITUATION:</u>    It presently costs \$1 million dollars per year to remove and remediate spills in the project areas. Spills currently soak directly into the soil, greatly increasing the volume and cost of contaminated materials to be disposed of. A health hazard exists due to the soil being removed and replaced without proper compaction. Dust clouds form over the area and migrate into the post and housing area which has resulted in numerous respiratory problems. Also, visibility on occasion has been reduced to a few feet during periods where the wind blows with velocities as low as 20 MPH. Jack stands used to hold up vehicles are on unstable ground and can result in severe injury. In addition portable light stands and generators are rented for each rotation. Personnel are required to work with substandard lights that have a recurring rental cost. Fire protection is limited to trucked in water. Phones do not exist so runners have to be sent a half mile to a phone. A water truck sprays water on some of the roads to reduce dust but cannot get into the maintenance areas without wetting the troops and equipment. Currently the troops perform maintenance on unstable soil which requires \$550K tank engines to be laid in the dirt when removed.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the NTC will continue to discharge contaminants into the soil. Further, the constant dust being discharged into the air is a violation of the Clean Air Act. There are also health and safety hazards as maintenance stands will continue to be used on uneven and loose soil.</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. 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 based on project engineering was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A.    Estimated Design Data:		
(1)    Status:		
(a)    Date Design Started..... <u>JUN 1996</u>		
(b)    Percent Complete As Of January 1999..... <u>40.00</u>		
(c)    Date 35% Designed..... <u>DEC 1998</u>		
(d)    Date Design Complete..... <u>OCT 1999</u>		
(e)    Parametric Cost Estimating Used to Develop Costs <u>YES</u>		
(2)    Basis:		

1.COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Irwin, California		
4.PROJECT TITLE  Rotational Unit Facility Maintenance Area		5.PROJECT NUMBER  41780
12. <u>SUPPLEMENTAL DATA:</u> (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..... 600 (b) All Other Design Costs..... 600 (c) Total Design Cost..... 1,200 (d) Contract..... (e) In-house..... 1,200  (4) Construction Start..... NOV 1999  (5) Construction Completion..... JUN 2001		
<p style="text-align: center;">Installation Engineer: LTC Benjamin H. Butler  Phone Number: 619 380-3433</p>		

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Colorado		Peterson Air Force Base (USASMD)				41
	25752	US Army Space Command Headquarters	25,000	3,700	C	43
		Subtotal Peterson Air Force Base PART I	\$ 25,000	3,700		
		Pueblo Depot Activity (AMC)				47
	17700	Ammunition Demilitarization Fac Ph I	0	11,800	N	49
		Subtotal Pueblo Depot Activity PART I	\$ 0	11,800		
		* TOTAL MCA FOR Colorado	\$ 25,000	15,500		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Peterson Air Force Base Colorado		4. COMMAND  US Army Strategic Missile and Defense Command			5. AREA CONSTRUCTION COST INDEX  0.00	

6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1998	0	0	0	0	0	0	0	0	0	0	
B. END FY 2005	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 1998.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	25,000
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	21,250
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	24,950

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
141	25752	US Army Space Command Headquarters	25,000	07/1998 08/1999
TOTAL			25,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
---------------------------------	--

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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Peterson Air Force Base                      Colorado		
REMARKS :    Non-ISR installation.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Peterson Air Force Base Colorado			4.PROJECT TITLE US Army Space Command Headquarters		
5.PROGRAM ELEMENT  35498A	6.CATEGORY CODE  141	7.PROJECT NUMBER  25752	8.PROJECT COST (\$000) Auth                      25,000 Approp                    3,700		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Army Space Command HQs	m2 (SF)	9,513 ( 102,400)	1,658	19,604 (15,774)	
SCIF	m2 (SF)	1,022 ( 11,001)	470.82	(481)	
UMCS	m2 (SF)	9,513 ( 102,397)	5.69	(54)	
Standby Generator	kWe(KW)	350 ( 350)	480.00	(168)	
Uninterruptable Power Supply	kWe(KW)	400 ( 400)	1,283	(513)	
Total from Continuation page				(2,614)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	3,234 (355)	
Water, Sewer, Gas	LS	--	--	(105)	
Paving, Walks, Curbs & Gutters	LS	--	--	(509)	
Storm Drainage	LS	--	--	(348)	
Site Imp( 619) Demo( )	LS	--	--	(619)	
Information Systems	LS	--	--	(74)	
Antiterrorism Force Protection	LS	--	--	(1,224)	
ESTIMATED CONTRACT COST				22,838	
CONTINGENCY PERCENT (5.00%)				<u>1,142</u>	
SUBTOTAL				23,980	
SUPV, INSP & OVERHEAD (5.70%)				<u>1,367</u>	
TOTAL REQUEST				25,347	
TOTAL REQUEST (ROUNDED)				25,000	
INSTALLED EQT-OTHER APPROP				(1,000)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a multi-story operational headquarters facility. Project includes operations space for tactical equipment, a sensitive compartmented information facility (SCIF), administrative offices, conference-meeting room(s), demonstration and simulation center, imagery production facility, business machine areas, training room, warehouse and storage area, video teleconferencing center (VTC), automated data procesing (ADP) center, break and vending area, secure storage with loading docks, uninterruptable power and a stand-by generator, satellite antennae platform, and information systems. Other Procurement, Army (OPA) funded equipment includes intrusion detection systems (IDS), a badge reading system, and closed circuit television (CCTV) system. Supporting facilities include utilities; electric service; fire protection and alarm systems; water and sanitary sewers; paving, walks, curbs and gutters; parking; road improvements; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Antiterroism measures includes building setback, vehicle barriers, exterior lighting, entry resistant doors, and fragment proof glass. Heating (gas-fired) and air conditioning (300 tons)					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																														
ARMY		08 FEB 1999																														
3. INSTALLATION AND LOCATION																																
Peterson Air Force Base, Colorado																																
4. PROJECT TITLE	5. PROJECT NUMBER																															
US Army Space Command Headquarters	25752																															
<p><u>9. COST ESTIMATES (CONTINUED)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: left;">Unit COST</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>IDS Installation</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(120)</td> </tr> <tr> <td>AT/FP Army Space Command</td> <td>m2 (SF)</td> <td>9,513 (</td> <td>102,400)</td> <td style="text-align: right;">112.12 (1,067)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(1,427)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">2,614</td> </tr> </tbody> </table> <p><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u></p> <p>will be provided by self-contained systems. Comprehensive interior design services will be provided. The Operational Headquarters Facility will be designed and sited as part of the Space Complex at Peterson Air Force Base (AFB). The Complex will also include the new North American Aerospace Defense Command (NORAD)-US Space Command Headquarters Facility and the existing Air Force Space Command Headquarters Facility. The Space Complex will also provide a site for a future Naval Space Command Headquarters Facility.</p>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					IDS Installation	LS	--	--	(120)	AT/FP Army Space Command	m2 (SF)	9,513 (	102,400)	112.12 (1,067)	Building Information Systems	LS	--	--	(1,427)				Total	2,614
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																												
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Building Information Systems	LS	--	--	(1,427)																												
			Total	2,614																												
<p>11. REQ:                    9,513 m2    ADQT:                    NONE                    SUBSTD:                    7,375 m2</p> <p><u>PROJECT:</u> Construct an operational headquarters facility for US Army Space Command (USARSPACE). (Current Mission)</p> <p><u>REQUIREMENT:</u> The mission of the Army Space Command is to command all assigned forces; operate assigned facilities; is the Army Component to US Space Command (USSPACECOM); responds to US Commander-in-Chief Space (USCINCSpace) operational taskings; coordinates and integrates Army resources and requirements into USSPACECOM plans and operations for operational exploitation of space and missile defense capabilities; provides USCINCSpace an Army perspective in planning for Department of Defense space systems; commands the First Satellite Control (1st SATCON) Battalion; and manages the joint tactical use of assigned satellite communications systems; commands the Joint Tactical Ground Stations (JTAGS) and the Army Space Support teams (ARSST); provides operational support to the Space and Missile Defense Battle Laboratory; as directed, acts as the Army spokesman for space in joint forums. A secure Operational Headquarters Facility is required at Peterson AFB to support the Army's space missions. The facility will provide administrative space for the Headquarters and 1st SATCON Bn; operational areas for the Joint Tactical Ground Stations (JTAGS), the Joint In-Theater Injection (JITI) equipment in support of the Global Broadcast System (GBS), and the Army Space Support (ARSST) equipment; as well as SCIF and warehouse space. The tactical equipment operations areas are required to maintain and test equipment, prepare components and systems for tactical deployment, and train personnel during periods of non-deployment. The SCIF construction will provide secure operating environments for both the Army Space Operations Center (ARSPOC) and the intelligence cell. The Army Space Operations Center (ARSPOC) is a 24</p>																																

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Peterson Air Force Base, Colorado		
4.PROJECT TITLE  US Army Space Command Headquarters		5.PROJECT NUMBER  25752
<p><u>REQUIREMENT:</u>      (CONTINUED)</p> <p>hour-a-day operations center supporting theater and national missile defense, Anti-Satellite deployment planning, US Army Kwajalein Atoll operations, and providing secure communications to the US Army's deployed space assets at 15 separate worldwide locations. The intelligence cell assimilates and analyzes information, compartmentalizes and distributes, by secure means, sensitive intelligence in support of space activities. The Headquarters and Battalion functions support deployed US Army space assets and perform deployment planning for space-related systems. Construction of the facility is necessary to provide secure, 24 hour-a-day operations, facilitate mission coordination and ensure connectivity with the Commander-in-Chief, USSPACECOM and Air Force Space Command as well as Army Space personnel deployed at Falcon AFB. The warehouse area will provide space for prescribed load list (PLL) and consumable storage for the deployable equipment and systems. This facility will also support the Space and Missile Defense Battle Lab (West) and its associated Hardware-Software Integration Center and demonstration areas. Facilities will also be provided for the Space and Missile Defense Command's Force Development Integration Center (West).</p> <p><u>CURRENT SITUATION:</u>      Army Space Command is temporarily headquartered in 4,684 m2 of commercially leased administrative space (General Services Administration lease) near the Colorado Springs Municipal Airport and 2,691 m2 of administrative, operations, and warehouse space in a separate, remote building; and a Fort Carson owned, permanent warehouse facility located near the Municipal Airport. The existing facilities are not functionally adequate to support the many Army Space missions. The leased headquarters lacks the space to adequately accommodate the personnel, contracting, supply, planning, and operations within Army Space. Headquarters personnel must travel to Fort Carson or Peterson AFB to obtain direct and general support including personnel administration (military and civilian), finance and accounting, logistics and acquisition, communications, mail distribution, dining, and physical fitness training. The lease of a headquarters facility and a remotely located temporary location building results in increased demands in the area of span of control, decreased productivity due to increased transit times between locations, and degraded operational security. The cost of the leased facility erodes the already constrained resources available to Army Space. The ability to continue the lease of this facility is also tenuous.</p> <p><u>IMPACT IF NOT PROVIDED:</u>      If this project is not provided, Army Space will continue to operate in functionally inadequate facilities. The cost of the leased facility (approximately \$1,000,000 annually) will continue to be a significant drain on constrained resources. The distance between Headquarters and the existing Fort Carson owned facility will continue to degrade productivity and mission performance. The functionally inadequate facilities will continue to degrade the readiness of the operational activities and negatively impact mission readiness for tactical deployments. The lack of adequate operations and headquarters facilities will negatively impact Army</p>		

1.COMONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Peterson Air Force Base, Colorado		
4.PROJECT TITLE  US Army Space Command Headquarters		5.PROJECT NUMBER  25752
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>Space from effectively performing its current missions, from accepting new missions, and from providing optimal support to soldiers engaged in training and combat using space-based information or systems.</p> <p>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. This project is the only feasible option to meet the requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... JUL 1998</p> <p>(b) Percent Complete As Of January 1999..... 35.00</p> <p>(c) Date 35% Designed..... JAN 1999</p> <p>(d) Date Design Complete..... AUG 1999</p> <p>(e) Parametric Cost Estimating Used to Develop Costs YES</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..... 1,000</p> <p>(b) All Other Design Costs..... 500</p> <p>(c) Total Design Cost..... 1,500</p> <p>(d) Contract..... 1,000</p> <p>(e) In-house..... 500</p> <p>(4) Construction Start..... MAR 2000</p> <p>(5) Construction Completion..... MAR 2002</p> <p>Installation Engineer: LTC Larry Lawrence</p> <p>Phone Number: (719) 556-7631</p>		

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Pueblo Depot Activity Colorado	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 1998	1	0	206	0	0	0	0	0	5	212
B. END FY 2005	1	0	180	0	0	0	0	0	5	186

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	9,357 ha (23,121 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	49,503
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	11,800
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	51,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	139,100
G. REMAINING DEFICIENCY.....	2,000
H. GRAND TOTAL.....	250,953

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE	
216	17700	Ammunition Demilitarization Fac Ph I	11,800	10/1990	11/1995
TOTAL			11,800		

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
216	Ammunition Demilitarization Fac Ph II	51,000
TOTAL		51,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):		
216	Ammunition Demilitarization Fac Ph-III	96,200
216	Ammunition Demilitarization Fac Ph-IV	33,900
216	Ammunition Demilitarization Fac Ph-V	9,000
TOTAL		139,100

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</p>

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: Pueblo Depot Activity                      Colorado										
10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED) deterioration of activity facilities, and to retain limited shipping and receiving capabilities for 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									
REMARKS : Non-ISR installation.										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Pueblo Depot Activity Colorado			4.PROJECT TITLE Ammunition Demilitarization Fac Ph I		
5.PROGRAM ELEMENT  78007A	6.CATEGORY CODE  216	7.PROJECT NUMBER  17700	8.PROJECT COST (\$000) Auth Approp      11,800		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Munition Demil Building	m2 (SF)	7,661 ( 82,466)	11,751	143,211 (90,030)	
Process & Utility Building	m2 (SF)	2,006 ( 21,587)	5,359	(10,748)	
Container Handling Building	m2 (SF)	4,138 ( 44,537)	4,794	(19,838)	
Process Support Building	m2 (SF)	1,186 ( 12,767)	2,789	(3,308)	
Personnel and Maintenance Bldg	m2 (SF)	1,892 ( 20,363)	3,389	(6,412)	
Total from Continuation page				(12,875)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	38,705 (13,741)	
Water, Sewer, Gas	LS	--	--	(6,996)	
Paving, Walks, Curbs & Gutters	LS	--	--	(9,184)	
Storm Drainage	LS	--	--	(1,665)	
Site Imp( 5,412) Demo( )	LS	--	--	(5,412)	
Information Systems	LS	--	--	(1,707)	
ESTIMATED CONTRACT COST				181,916	
CONTINGENCY PERCENT (5.00%)				9,096	
SUBTOTAL				191,012	
SUPV, INSP & OVERHEAD (5.70%)				10,888	
TOTAL REQUEST				201,900	
TOTAL REQUEST (ROUNDED)				201,900	
INSTALLED EQT-OTHER APPROP				(110,814)	
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 I (\$11.8 million). Increment II (Project Number (PN) 40658, \$51.0 million) is planned for FY 2001, Increment III (PN 47261, \$96.2 million) is planned for FY 2001. Increment IV (PN 47846, \$33.9 million) is planned for FY 2002, and Increment V (PN 51026, \$9.0 million) is planned for FY 2003. This project, at full funding and authorization, will result in the construction of a site-adapted toxic chemical munitions demilitarization (Demil) complex for processing lethal chemical munitions presently stored at Pueblo Depot Activity. Work includes a munitions demilitarization building with blast containment area connected to a munitions container handling building by an enclosed corridor; a process utilities building with bulk chemical storage, brine reduction facilities, 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; an entry control facility; and office/storage space and laboratory for non-US inspectors and associated US escorts. 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					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																								
ARMY		08 FEB 1999																																								
3. INSTALLATION AND LOCATION																																										
Pueblo Depot Activity, Colorado																																										
4. PROJECT TITLE		5. PROJECT NUMBER																																								
Ammunition Demilitarization Fac Ph I		17700																																								
<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: left;">Unit COST</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>Entry Control Facility</td> <td>m2 (SF)</td> <td>115.85 ( 1,247)</td> <td>12,982</td> <td>(1,504)</td> </tr> <tr> <td>Laboratory</td> <td>m2 (SF)</td> <td>880.16 ( 9,474)</td> <td>9,905</td> <td>(8,718)</td> </tr> <tr> <td>IDS Installation</td> <td>LS</td> <td>--</td> <td>--</td> <td>(613)</td> </tr> <tr> <td>Warehouse Renovation</td> <td>m2 (SF)</td> <td>3,716 ( 40,000)</td> <td>477.49</td> <td>(1,774)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td>--</td> <td>--</td> <td>(266)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td>12,875</td> </tr> </tbody> </table> <p style="margin-top: 10px;"><u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u></p> <p>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 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. Construction of the gas and electrical distribution systems and the electrical substation will be accomplished by local utility companies and paid for using capital improvement contributions to those companies.</p>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Entry Control Facility	m2 (SF)	115.85 ( 1,247)	12,982	(1,504)	Laboratory	m2 (SF)	880.16 ( 9,474)	9,905	(8,718)	IDS Installation	LS	--	--	(613)	Warehouse Renovation	m2 (SF)	3,716 ( 40,000)	477.49	(1,774)	Building Information Systems	LS	--	--	(266)				Total	12,875
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																																						
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Entry Control Facility	m2 (SF)	115.85 ( 1,247)	12,982	(1,504)																																						
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Building Information Systems	LS	--	--	(266)																																						
			Total	12,875																																						
<u>11. REQ:</u> 21,595 m2 <u>ADQT:</u> NONE <u>SUBSTD:</u> NONE <u>PROJECT:</u> Construct a standard-design toxic chemical agent munitions demilitarization facility. (New Mission) <u>REQUIREMENT:</u> 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. <u>CURRENT SITUATION:</u> 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. <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 agents and munitions deteriorate with age. The threat to the health of Depot employees and the environment will continue.																																										





1.COMONENT	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Pueblo Depot Activity, Colorado		
4.PROJECT TITLE	5.PROJECT NUMBER	
Ammunition Demilitarization Fac Ph I	17700	
<p style="text-align: center;">Installation Engineer: Barbara Burgess  Phone Number: (410) 671-1418</p>		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	NEW/ CURRENT MISSION	PAGE
-----	NUMBER	PROJECT TITLE	-----	-----	-----	-----
District of Columbia		Fort McNair (MDW)				55
	50687	Chapel	1,250	380	C	57
		Subtotal Fort McNair PART I	\$ 1,250	380		
		Walter Reed AMC (MEDCOM)				61
	12608	Physical Fitness Training Center	6,800	1,020	C	63
		Subtotal Walter Reed AMC PART I	\$ 6,800	1,020		
		* TOTAL MCA FOR District of Columbia	\$ 8,050	1,400		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
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:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	71	187	547	389	0	411	66	70	189	1,930
B. END FY 2005	70	185	551	392	0	317	66	70	189	1,840

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	40 ha (98 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	63,282
C. AUTHORIZATION NOT YET IN INVENTORY.....	19,620
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	1,250
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	19,372
H. GRAND TOTAL.....	103,524

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
730	50687	Chapel	1,250	07/1998 05/1999
TOTAL			1,250	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR 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:	
	(\$000)
A. AIR POLLUTION	0
B. WATER POLLUTION	0
C. OCCUPATIONAL SAFETY AND HEALTH	0

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
<div>INSTALLATION AND LOCATION: Fort McNair</div> <div>District of Columbia</div>		
<div>REMARKS :</div> <div>The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$21,333,000, based on the Installation Status Report information on conditions as of October 1998.</div>		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort McNair District of Columbia			4.PROJECT TITLE Chapel		
5.PROGRAM ELEMENT  22896A	6.CATEGORY CODE  730	7.PROJECT NUMBER  50687	8.PROJECT COST (\$000) Auth                      1,250 Approp                    380		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Chapel	m2 (SF)	418.06 (    4,500)	1,634	873 (683)	
Special Foundation	LS	--	--	(78)	
Bell Tower	LS	--	--	(102)	
IDS Installation	LS	--	--	(10)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	266 (11)	
Water, Sewer, Gas	LS	--	--	(24)	
Paving, Walks, Curbs & Gutters	LS	--	--	(20)	
Storm Drainage	LS	--	--	(10)	
Site Imp(    118) Demo(    63)	LS	--	--	(181)	
Antiterrorism Force Protection	LS	--	--	(20)	
ESTIMATED CONTRACT COST				1,139	
CONTINGENCY PERCENT (5.00%)				57	
SUBTOTAL				1,196	
SUPV, INSP & OVERHEAD (5.70%)				68	
TOTAL REQUEST				1,264	
TOTAL REQUEST (ROUNDED)				1,250	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a modified standard-design small chapel and adjacent bell tower. The modification will provide a side entrance from a formal boscage leading to off-site parking. Special foundation work is required. Work will include the demolition and relocation of the existing basketball court. Heating will be provided by a self-contained gas-fired furnace. Air conditioning (15 tons) will be required. Install an intrusion detection system (IDS). A fire and smoke detection and suppression system will be installed and tied to the installation-wide system. Supporting facilities include ties to various utility systems; electric service; transformer; exterior lighting; paving, walks, curbs and gutters; storm drainage; and site improvements. A boscage will be provided as the formal approach to the chapel and as a visual/sound barrier from the adjacent swimming pool. Demolish one temporary building (269 m2). Supporting facility costs are high due to the cost of demolition. Anti-terrorism/force protection measures include building screening. Comprehensive interior design services will be provided.					

1.COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort McNair, District of Columbia		
4.PROJECT TITLE		5.PROJECT NUMBER
Chapel		50687
<p>11. REQ:                      418 m2    ADQT:                      NONE                      SUBSTD:                      NONE</p> <p>PROJECT: Construct a modified standard-design small chapel (120 seat capacity) with bell tower. (Current Mission)</p> <p>REQUIREMENT: This project is required to provide a small chapel to serve the spiritual needs of the residents, employees, academic staff/faculty, and students of Fort McNair.</p> <p>CURRENT SITUATION: The previous chapel was colocated in another building with the barracks for Company A, 3rd Infantry Regiment. The chapel was inactivated and removed from the building to allow for the expansion of the barracks. Fort McNair currently does not have a chapel.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, Fort McNair will not be able to adequately serve the spiritual needs of its residents, employees, academic staff/faculty, and students.</p> <p>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. This project is the only feasible option to meet the requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
12. SUPPLEMENTAL DATA:		
<p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p style="margin-left: 40px;">(a) Date Design Started..... <u>JUL 1998</u></p> <p style="margin-left: 40px;">(b) Percent Complete As Of January 1999..... <u>35.00</u></p> <p style="margin-left: 40px;">(c) Date 35% Designed..... <u>JAN 1999</u></p> <p style="margin-left: 40px;">(d) Date Design Complete..... <u>MAY 1999</u></p> <p style="margin-left: 40px;">(e) Parametric Cost Estimating Used to Develop Costs <u>YES</u></p> <p>(2) Basis:</p> <p style="margin-left: 40px;">(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):                      (\$000)</p> <p style="margin-left: 40px;">(a) Production of Plans and Specifications..... <u>75</u></p> <p style="margin-left: 40px;">(b) All Other Design Costs..... <u>137</u></p> <p style="margin-left: 40px;">(c) Total Design Cost..... <u>212</u></p> <p style="margin-left: 40px;">(d) Contract..... <u>125</u></p> <p style="margin-left: 40px;">(e) In-house..... <u>87</u></p> <p>(4) Construction Start..... <u>OCT 1999</u></p> <p>(5) Construction Completion..... <u>NOV 2000</u></p>		

1.COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999								
3.INSTALLATION AND LOCATION  Fort McNair, District of Columbia										
4.PROJECT TITLE  Chapel		5.PROJECT NUMBER  50687								
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued)  B. Equipment associated with this project which will be provided from other appropriations:  <table> <thead> <tr> <th>Equipment <u>Nomenclature</u></th> <th>Procuring <u>Appropriation</u></th> <th>Fiscal Year Appropriated <u>Or Requested</u></th> <th>Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4">NONE</td> </tr> </tbody> </table>			Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>	NONE			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>							
NONE										
Installation Engineer: Mr. S. Stanard Phone Number: 202 685-2933										



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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Walter Reed AMC District of Columbia			4. COMMAND  US Army Health Services Command			5. AREA CONSTRUCTION COST INDEX  0.96

6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER		ENLIST	OFFICER		ENLIST	OFFICER		ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	1362	1859	3092	6	183	1	114	119	566		7,302
B. END FY 2005	1546	2046	3425	29	370	1	114	119	586		8,216

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	46 ha (113 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	86,509
C. AUTHORIZATION NOT YET IN INVENTORY.....	14,037
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	6,800
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	89,147
H. GRAND TOTAL.....	196,993

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
740	12608	Physical Fitness Training Center	6,800	02/1999 10/1999
TOTAL			6,800	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Treatment of the sick and injured personnel of the Armed Services and their dependents, medical research and development, and support of all Walter Reed Army Medical Center 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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Walter Reed AMC                      District of Columbia		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is 493,809,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Walter Reed AMC District of Columbia			4.PROJECT TITLE  Physical Fitness Training Center		
5.PROGRAM ELEMENT  87796A	6.CATEGORY CODE  740	7.PROJECT NUMBER  12608	8.PROJECT COST (\$000) Auth                      6,800 Approp                    1,020		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					4,708
Physical Fitness Center		m2 (SF)	3,300 ( 35,525)	1,395	(4,605)
Antiterrorism Force Protection		LS	--	--	(96)
Building Information Systems		LS	--	--	(7)
<u>SUPPORTING FACILITIES</u>					1,433
Electric Service		LS	--	--	(350)
Water, Sewer, & Gas		LS	--	--	(175)
Steam And/Or Chilled Water Dist		LS	--	--	(197)
Paving, Walks, Curbs & Gutters		LS	--	--	(22)
Storm Drainage		LS	--	--	(94)
Site Imp( 500) Demo( )		LS	--	--	(500)
Information Systems		LS	--	--	(95)
ESTIMATED CONTRACT COST					6,141
CONTINGENCY PERCENT (5.00%)					307
SUBTOTAL					6,448
SUPV, INSP & OVERHEAD (5.70%)					368
TOTAL REQUEST					6,816
TOTAL REQUEST (ROUNDED)					6,800
INSTALLED EQT-OTHER APPROP					(0)
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard-design physical fitness center to include a mezzanine, gymnasium, six handball/racquetball courts, exercise and weight room, locker rooms, showers, toilets, and saunas, indoor running track, laundry, storage, supply and issue room, mechanical room, vending area and administrative areas. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; fire protection and alarm systems; exterior lighting; parking; storm drainage; retaining wall; information systems; and site improvements. Stormwater management is linked to the installation system. Support facility costs are high due to the topographical features of the site. Anti-terrorism/force protection measures include window film. Heating and air conditioning (120 tons) will be provided by existing central (steam) heating plant. Access for the handicapped will be provided. Comprehensive interior design services will be provided.					
11. REQ:                      5,946 m2    ADQT:                      NONE                      SUBSTD:                      1,471 m2					
PROJECT: Construct a standard-design physical fitness center. (Current					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Walter Reed AMC, District of Columbia		
4.PROJECT TITLE  Physical Fitness Training Center		5.PROJECT NUMBER  12608
<p><u>PROJECT:</u>    (CONTINUED)</p> <p>Mission)</p> <p><u>REQUIREMENT:</u>    This project is required to support the military fitness program to maintain the readiness of military personnel assigned to Walter Reed Army Medical Center (WRAMC). The physical fitness center will also support two major medical tenants, Walter Reed Army Institute of Research (WRAIR) and the Armed Forces Institute of Pathology (AFIP). There are no facilities at the installation or at nearby installations or communities to adequately support the mission.</p> <p><u>CURRENT SITUATION:</u>    The existing facility at WRAMC is inadequate to meet the needs of all military personnel assigned to this installation. The exercise and physical conditioning equipment was relocated to the swimming pool on Main Post following demolition of the gymnasium in 1972 to accommodate the new hospital construction. Currently, the temporary exercise area at the Main Post has over 90,000 visits annually, and serves 6,500 military, civilian, and patient personnel. Local area health and fitness club fees average \$150 annually. Lease costs for basketball courts are approximately \$14,400 annually. The cost to subsidize these fees for the military personnel would be approximately \$330,000 per year (\$150 x 2,200 military personnel). There are no buildings available on-post for conversion. WRAMC does not have an indoor basketball court, indoor exercise area, racquetball court(s), or weight room and cannot support an intramural program. Soldiers currently assigned to WRAMC take the Army Physical Fitness Test on the mezzanine of the Main Hospital. The current exercise area on Main Post would be returned to its original use as a swimming pool. Office and the exercise equipment would be installed in the new facility.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, military personnel assigned to WRAMC and its major medical tenants are deprived of a required quality physical fitness and sports program, resulting in a negative impact on individual readiness. The physical fitness program will continue as almost nonexistent and many team sports that foster leadership abilities, cohesion of units, and morale will not exist.</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. 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.</p>		



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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Georgia		Fort Benning (TRADOC)				69
	35310	Whole Barracks Complex Renewal	47,000	7,100	C	71
	38974	Ammunition Holding Area	1,400	420	C	74
		Subtotal Fort Benning PART I	\$ 48,400	7,520		
		Fort Stewart (FORSCOM)				77
	39590	Multi-purpose Training Range	7,200	1,100	C	79
	43542	Whole Barracks Complex Renewal w/Dining	7,000	7,000	C	82
		Subtotal Fort Stewart PART I	\$ 14,200	8,100		
		* TOTAL MCA FOR Georgia	\$ 62,600	15,620		



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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Fort Benning Georgia		4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  0.81	

6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER		ENLIST	OFFICER		ENLIST	OFFICER		ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	1314	9690	3003	1177	6990	0	17	52	2986	25,229	
B. END FY 2005	1310	9794	2282	1049	10379	0	17	52	2974	27,857	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	74,616 ha (184,380 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	634,329
C. AUTHORIZATION NOT YET IN INVENTORY.....	192,542
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	48,400
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	41,900
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	110,650
H. GRAND TOTAL.....	986,421

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY PROJECT		COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
721	35310	Whole Barracks Complex Renewal	47,000	01/1998	10/1999
442	38974	Ammunition Holding Area	1,400	04/1998	09/1999
TOTAL			48,400		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
113	Aircraft Parking Apron	17,000
218	Consolidated Maintenance Facility	24,900
TOTAL		41,900
B. PLANNED NEXT FOUR 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. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Benning Georgia		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		
		(\$000)
A. AIR POLLUTION		0
B. WATER POLLUTION		0
C. OCCUPATIONAL SAFETY AND HEALTH		0
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$389,403,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Benning Georgia			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  721	7.PROJECT NUMBER  35310	8.PROJECT COST (\$000) Auth                      47,000 Approp                    7,100		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Barracks	m2 (SF)	11,452 ( 123,268)	1,100	33,073 (12,599)	
Soldier Community Building	m2 (SF)	1,512 ( 16,275)	1,100	(1,663)	
Company Operations Facilities	m2 (SF)	9,688 ( 104,281)	1,123	(10,878)	
Battalion Headquarters	m2 (SF)	5,275 ( 56,780)	1,177	(6,210)	
EMCS Connections	LS	--	--	(463)	
Total from Continuation page				(1,260)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	9,604 (1,802)	
Water, Sewer, Gas	LS	--	--	(484)	
Steam And/Or Chilled Water Dist	LS	--	--	(728)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,150)	
Storm Drainage	LS	--	--	(265)	
Site Imp( 2,266) Demo( 2,637)	LS	--	--	(4,903)	
Information Systems	LS	--	--	(247)	
Antiterrorism Force Protection	LS	--	--	(25)	
ESTIMATED CONTRACT COST				42,677	
CONTINGENCY PERCENT (5.00%)				2,134	
SUBTOTAL				44,811	
SUPV, INSP & OVERHEAD (5.70%)				2,554	
TOTAL REQUEST				47,365	
TOTAL REQUEST (ROUNDED)				47,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct standard-designed whole barracks complex. Project includes six barracks, one soldier community building, four battalion headquarters with classroom buildings, and 12 company operations facilities. Connect to existing energy monitoring and control system (EMCS). Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, storage areas, and service areas. Install intrusion detection systems (IDS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; lawn sprinkler system; paving, walks, curbs and gutters; parking and access drives; outdoor recreation areas; signage; dumpster and/or trash compactor enclosures; upgrade of sanitary sewer collection system and storm drainage system; retaining wall; borrow pit development; information systems; and site improvements. Anti-terrorist/force protection measures include security lighting. Access for the handicapped will be provided. Heating (gas-fired) and air conditioning (1,500 tons) will be provided by self-contained systems. Demolish eight buildings (13,352 m2) with asbestos abatement (13,352 m2). Comprehensive building and furnishings related interior design services will be provided.					

1. COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  08 FEB 1999																									
3. INSTALLATION AND LOCATION  Fort Benning, Georgia																											
4. PROJECT TITLE  Whole Barracks Complex Renewal	5. PROJECT NUMBER  35310																										
<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: left;">Unit COST</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>IDS Installation</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(60)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(1,200)</td> </tr> <tr> <td colspan="4" style="text-align: right;">Total</td> <td style="text-align: right;">1,260</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					IDS Installation	LS	--	--	(60)	Building Information Systems	LS	--	--	(1,200)	Total				1,260
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																							
<u>PRIMARY FACILITY (CONTINUED)</u>																											
IDS Installation	LS	--	--	(60)																							
Building Information Systems	LS	--	--	(1,200)																							
Total				1,260																							
<u>11. REQ:</u> 3,080 PN <u>ADQT:</u> 2,093 PN <u>SUBSTD:</u> 987 PN <u>PROJECT:</u> Construct a standard-design barracks complex with soldier community building, company operations facilities and battalion headquarters with classrooms. (Current Mission) <u>REQUIREMENT:</u> This project is required to provide adequate, standard housing for unaccompanied permanent party enlisted personnel. Intended utilization of the barracks will be 336 personnel (maximum utilization is 384 personnel). This project will also construct company operations facilities and battalion headquarters buildings. Overall, project will contribute to the health, welfare, and morale of the service members residing in these barracks. This project will also demolish eight buildings. <u>CURRENT SITUATION:</u> The facilities this project will replace were originally constructed in 1956 and provide minimal accommodations for unaccompanied personnel housing (UPH). Gang latrines and central shower facilities do not meet minimum Army standards. Rooms created as part of a modernization project in the 1970s provide only minimum amenities, with no conveniences for the individual soldier. Each of the four barracks buildings includes two company operations functions on the first floor, and two buildings contain dining facilities. These living conditions and areas are inadequate to accommodate the eight companies now housed in the buildings. <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, permanent party enlisted personnel will continue to be housed in substandard facilities, resulting in lower morale and retention rates. Improvements in keeping with the Army's Communities of Excellence program will not be provided which will directly affect the welfare of soldiers. <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. Alternative methods of meeting this requirements have been explored during project development. This project is the only feasible option to meet this requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate. During the past two years, approximately \$14.7 million of Real Property Maintenance has been spent on unaccompanied enlisted personnel housing at Fort Benning. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 603 personnel																											



1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Benning Georgia			4.PROJECT TITLE Ammunition Holding Area		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  442	7.PROJECT NUMBER  38974	8.PROJECT COST (\$000) Auth                      1,400 Approp                    420		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					743
Ammo Holding Shed		m2 (SF)	929.03 ( 10,000)	357.58	(332)
Hardstand		m2 (SF)	5,435 ( 58,502)	53.90	(293)
Roads		m2 (SF)	16,432 ( 176,874)	7.19	(118)
<u>SUPPORTING FACILITIES</u>					500
Electric Service		LS	--	--	(89)
Paving, Walks, Curbs & Gutters		LS	--	--	(4)
Storm Drainage		LS	--	--	(266)
Site Imp( 141) Demo( )		LS	--	--	(141)
ESTIMATED CONTRACT COST					1,243
CONTINGENCY PERCENT (5.00%)					62
SUBTOTAL					1,305
SUPV, INSP & OVERHEAD (5.70%)					74
TOTAL REQUEST					1,379
TOTAL REQUEST (ROUNDED)					1,400
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a covered shed with truck loading dock and hardstand. Supporting facilities include electric service, exterior lighting, lightning protection, paving, storm drainage, blast protection, and site improvements. Support facility cost is high due to the sitework requirements related to the remote siting adjacent to the airfield and the high cost of storm drainage.					
11. REQ:                      929 m2    ADQT:                      NONE                      SUBSTD:                      NONE					
<u>PROJECT:</u> Construct an ammunition holding/loading facility in support of the Army Strategic Mobility Program. (Current Mission)					
<u>REQUIREMENT:</u> An ammunition holding facility is required for temporary storage, or ammunition sorting if required by a mission change, and preparation for loading of palletized ammunition onto aircraft to support the 3D Brigade, 3D Infantry Division rapid deployment mission of the Division Ready Force Fly-away and Immediate Ready Company. Additionally, 463 L pallet loads require handling to meet air load planning requirements of the 75th Ranger Regiment. The covered shed must have a minimum interior height of 18					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Benning, Georgia		
4.PROJECT TITLE  Ammunition Holding Area		5.PROJECT NUMBER  38974
<p><u>REQUIREMENT:</u>      (CONTINUED)</p> <p>feet and have lighting that will not affect aircraft operations. The new hot load area is to be located 1,300 feet from the center of the airfield runway. This vehicle hardstand is required to keep tracked vehicles clean as they are being prepared for loading onto deployment aircraft.</p> <p><u>CURRENT SITUATION:</u>      Since 1984, ammunition for deployment/contingency missions has been brought to Lawson Army Airfield's (LAAF) Holding Area 32 where it is unloaded, stored, sorted and prepped for loading onto aircraft. This is an unimproved grassed area, which is not level and is poorly drained. Transfer of the ammunition from trucks to storage, final changes to the palletization of ammunition and movement from storage to the aircraft is slow and unpredictable at best. Inclement weather magnifies these problems due to the exposed ammunition and muddy conditions, thus slowing work and causing greater potential hazards. Temporary lighting must be acquired and set up for each operation. The potential for delays in deployment is significant, especially for the Ranger Regiment's 10 hour deployment requirement and the 18 hour requirement of the 3D Brigade. Fort Benning's current hot load area is located on an old taxiway approximately two miles from the aircraft loading apron.</p> <p><u>IMPACT IF NOT PROVIDED:</u>      If this project is not provided, the ammunition will continue to be exposed to weather. Excessive wear and tear on loading equipment will continue, and a significant potential for deploying aircraft being delayed will persist.</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. 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 based on project engineering was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
<p>A.    Estimated Design Data:</p> <p>    (1)    Status:</p> <p>        (a)    Date Design Started.....    <u>APR 1998</u></p> <p>        (b)    Percent Complete As Of January 1999.....    <u>35.00</u></p> <p>        (c)    Date 35% Designed.....    <u>JAN 1999</u></p> <p>        (d)    Date Design Complete.....    <u>SEP 1999</u></p> <p>        (e)    Parametric Cost Estimating Used to Develop Costs    <u>YES</u></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>80</u></p>		



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE								
ARMY		08 FEB 1999								
3. INSTALLATION AND LOCATION										
Fort Benning, Georgia										
4. PROJECT TITLE		5. PROJECT NUMBER								
Ammunition Holding Area		38974								
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 20px;">A. Estimated Design Data: (Continued)</p> <div style="margin-left: 40px;"> (b) All Other Design Costs..... <u>80</u>  (c) Total Design Cost..... <u>160</u>  (d) Contract..... <u>          </u>  (e) In-house..... <u>160</u> </div> <div style="margin-left: 40px; margin-top: 10px;"> (4) Construction Start..... <u>MAR 2000</u>  (5) Construction Completion..... <u>AUG 2001</u> </div> <p style="margin-left: 20px; margin-top: 20px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-left: 40px; border: none;"> <thead> <tr> <th style="text-align: left; width: 30%;">Equipment <u>Nomenclature</u></th> <th style="text-align: left; width: 30%;">Procuring <u>Appropriation</u></th> <th style="text-align: left; width: 20%;">Fiscal Year Appropriated <u>Or Requested</u></th> <th style="text-align: left; width: 20%;">Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NA</td> </tr> </tbody> </table>			Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>	NA			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>							
NA										
Installation Engineer: COL Randy Buck Phone Number: DSN 835-2292										

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Fort Stewart Georgia		4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  0.83	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	1435	13460	2261	0	121	0	16	60	2408	19,761
B. END FY 2005	1469	13808	1716	0	112	0	16	60	2408	19,589

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	113,017 ha (279,271 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	506,406
C. AUTHORIZATION NOT YET IN INVENTORY.....	35,866
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	14,200
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	170,088
H. GRAND TOTAL.....	766,060

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY PROJECT			COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
178	39590	Multi-purpose Training Range	7,200	01/1998	09/1999
721	43542	Whole Barracks Complex Renewal w/Dining	7,000	01/1998	09/1999
TOTAL			14,200		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR 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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Stewart Georgia		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$420,108,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Stewart Georgia			4.PROJECT TITLE Multi-purpose Training Range		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  178	7.PROJECT NUMBER  39590	8.PROJECT COST (\$000) Auth                      7,200 Approp                    1,100		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				3,583	
Control Tower	m2 (SF)	40.13 (      432)	1,486	(60)	
Covered Bleachers	m2 (SF)	53.51 (      576)	389.73	(21)	
Mess Shelter	m2 (SF)	58.25 (      627)	446.07	(26)	
After Action Review (AAR) Bldg	m2 (SF)	148.65 (    1,600)	1,039	(154)	
Latrines	m2 (SF)	122.54 (    1,319)	1,681	(206)	
Total from Continuation page				(3,116)	
<u>SUPPORTING FACILITIES</u>				2,867	
Electric Service	LS	--	--	(141)	
Water, Sewer, Gas	LS	--	--	(101)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,186)	
Site Imp( 1,428) Demo(      1)	LS	--	--	(1,429)	
Information Systems	LS	--	--	(10)	
ESTIMATED CONTRACT COST				6,450	
CONTINGENCY PERCENT (5.00%)				323	
SUBTOTAL				6,773	
SUPV, INSP & OVERHEAD (5.70%)				386	
TOTAL REQUEST				7,159	
TOTAL REQUEST (ROUNDED)				7,200	
INSTALLED EQT-OTHER APPROP				(1,148)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Modernize and upgrade an existing tank gunnery range to an automated multi-purpose training range to support tank and Bradley Fighting Vehicle (BFV) gunnery. Primary facilities include all construction within the perimeter of the range complex and consist of firing lanes, tank trails, gravel course roads, target service roads, moving and stationary armored target emplacements, stationary personnel target emplacements, down-range target storage buildings, vehicle maintenance and holding areas, ammunition holding area with loading dock, control tower, operations/storage building, instruction building, bleacher enclosure, covered mess area, latrines, information systems and site improvements. Supporting facilities include electric service, upgrade access road, sewage systems, information systems, and site improvements. Heating (gas-fired) and air conditioning (6 tons) will be provided by self-contained units. Demolish one building (8 m2). Supporting cost are high due to remote location and relatively low cost design of primary facilities. Targetry will be provided by Other Procurement, Army.					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Fort Stewart, Georgia		
4. PROJECT TITLE		5. PROJECT NUMBER
Multi-purpose Training Range		39590
<u>9. COST ESTIMATES (CONTINUED)</u>		
Item	UM (M/E)	QUANTITY
		Unit COST
		Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>		
Operations/Target Storage Bldg	m2 (SF)	278.71 ( 3,000) 949.82 (265)
Well/Pump House & Storage Tank	m2 (SF)	23.41 ( 252) 1,083 (25)
Tent Pads	m2 (SF)	570.80 ( 6,144) 99.15 (57)
Range Flag Pole	EA	1 -- 4,825 (5)
Maintenance Staging/Ammunition	m2 (SF)	4,676 ( 50,336) 61.93 (290)
Target Control/Electrical Work	LS	-- -- (648)
Target Emplacements	EA	54 -- 32,017 (1,729)
Defilad Positions	EA	3 -- 31,597 (95)
Building Information Systems	LS	-- -- (2)
		Total 3,116
<u>11. REQ:</u> 2 EA   ADQT:                      1 EA   SUBSTD:                      NONE		
<u>PROJECT:</u> Modify and upgrade an existing tank gunnery range to a multi-purpose training range. (Current Mission)		
<u>REQUIREMENT:</u> A multi-purpose training range is required to support Mechanized Gunnery Training for one Active Heavy Division, four Enhanced Brigades, and Reserve Component Units in accordance with Tank Gunnery and Bradley Fighting Vehicle Gunnery Standards. This range is required to support firing of Tank/Bradley Tables V through XII.		
<u>CURRENT SITUATION:</u> Fort Stewart currently has five active gunnery ranges to support Fort Stewart and a six state region, including the 3rd Infantry Division, 48th Brigade Georgia Army National Guard, 218th Brigade South Carolina Army National Guard, 278th Armored Cavalry Regiment Tennessee Army National Guard, and the 30th Brigade North Carolina Army National Guard. Currently, only one tank range is automated and capable of supporting Tables VIII-XII. Gunnery training is now being conducted on outdated, non-automated facilities. Non-automated facilities require significant unit time and troop labor to requisition, transport, emplace, maintain and recover targetry and equipment. Additionally, manual scoring is required. Maximum range availability for firing Tables VIII-XII is 254 days. Current training requirement is 236 days for active components and 96 days for reserve forces, totaling 332 days per year. Availability of this range will increase capacity for Tables VIII-XII to 508 days.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Fort Stewart will be unable to provide all required mandatory Gunnery Training and subsequent Gunnery Qualifications to enhance the combat readiness of the 3rd Infantry Division and National Guard Units. Current training requirements will continue to exceed the support capabilities of the existing range facilities, thereby degrading training effectiveness.		



1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Stewart Georgia			4.PROJECT TITLE Whole Barracks Complex Renewal w/Dining		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  721	7.PROJECT NUMBER  43542	8.PROJECT COST (\$000) Auth                      7,000 Approp                    7,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				32,442	
Barracks	m2 (SF)	12,089 ( 130,125)	1,125	(13,600)	
Soldier Community Building	m2 (SF)	1,240 ( 13,347)	1,193	(1,479)	
Company Operations Facilities	m2 (SF)	5,802 ( 62,452)	1,190	(6,904)	
Battalion Headquarters	m2 (SF)	2,518 ( 27,104)	1,200	(3,021)	
Dining Facility	m2 (SF)	2,237 ( 24,079)	1,822	(4,076)	
Total from Continuation page				(3,362)	
<u>SUPPORTING FACILITIES</u>				9,337	
Electric Service	LS	--	--	(1,506)	
Water, Sewer, Gas	LS	--	--	(460)	
Steam And/Or Chilled Water Dist	LS	--	--	(2,370)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,737)	
Storm Drainage	LS	--	--	(457)	
Site Imp( 2,116) Demo( 583)	LS	--	--	(2,700)	
Information Systems	LS	--	--	(107)	
ESTIMATED CONTRACT COST				41,779	
CONTINGENCY PERCENT (5.00%)				2,089	
SUBTOTAL				43,868	
SUPV, INSP & OVERHEAD (5.70%)				2,500	
TOTAL REQUEST				46,368	
TOTAL REQUEST (ROUNDED)				46,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. In FY 98 Congress authorized \$54 million and appropriated \$11.5 million. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard-design Whole Barracks Renewal Complex. This is Phase two of a three phase project. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, and a service area. Project also includes a standard-design two-story soldier community building with offices, laundry, mailboxes, kitchen, activity rooms and separate bulk storage spaces. Construct a standard-design dining facility with carry-out and canopy. Construct two medium size standard-design battalion headquarters and eight standard-design two-story company headquarters. Supporting facilities include utilities; electric service; fire protection and alarm system; paving, walks, curbs and gutters; parking; sewer; storm drainage; sports courts; information systems; and site improvements. Expansion of energy plant and construction of hot/chilled water lines will provide heating and air conditioning for barracks complex in the 1200 Block. Heating and air conditioning for the 200-300 block complex will be provided by self-contained units. Demolish 14 buildings (4,298 m2) and utility support systems within the footprint of construction. Comprehensive interior design services are required. Anti-terrorism/force protection measures include					

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Stewart, Georgia		
4.PROJECT TITLE  Whole Barracks Complex Renewal w/Dining		5.PROJECT NUMBER  43542

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Central Energy Plant Addition	LS	--	--	(1,471)
EMCS	LS	--	--	(525)
IDS Installation	LS	--	--	(48)
Antiterrorism Force Protection	LS	--	--	(150)
Building Information Systems	LS	--	--	(1,168)
Total				3,362

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
vehicle barriers, steel clad doors, and reflective fragment retention film on windows.

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11. REQ:                    1,352 PN    ADQT:                    278 PN    SUBSTD:                    1,122 PN

PROJECT: Construct standard-design barracks for unaccompanied enlisted personnel housing (UEPH), a large soldier community building, a large dining facility, two medium battalion headquarters, and eight company headquarters (1 large, 4 medium, 3 small). (Current Mission)

REQUIREMENT: This project is required to meet new standards for single soldier barracks and to allow this installation to proceed in the development of Army Single Soldier Communities of Excellence Program. Maximum utilization is 408 personnel. Intended utilization is 286 E1-E4s and 61 E5-E6s.

CURRENT SITUATION: Hunter Army Airfield currently has five barracks buildings. Two buildings were constructed in 1985 based upon three persons per room. The remaining three permanent buildings were constructed in 1954 by the Air Force based upon a module of two living/sleeping rooms with three men per room and a bath shared by six men. These buildings received a "facelift" renovation in 1978. Upon completion, the rooms were designated as two person capacity with a bath shared by two rooms or four persons. Existing facilities do not provide adequate space for each soldier's possessions including equipment (TA/50), adequate work/study space, nor do they provide privacy for the individual soldier. The living/sleeping rooms lack adequate lighting and electrical outlets. These facilities have narrow, dark, interior hallways, and small laundry rooms. In addition to these permanent barracks spaces, Hunter Army Airfield also has five semi- permanent barracks buildings (built in 1940, 1968, 1969, 1969, and 1969, respectively). Currently soldiers of the Special Operations Forces and the XVIII Airborne Corps occupy these undersized, old, facilities. This project demolishes two of these buildings.

IMPACT IF NOT PROVIDED: If this project is not provided, implementation of the new criteria will require a large portion of the installation's single soldier population to live off-post. Since the lower pay grades form the largest portion of the single soldier population, the requirement to live



1.COMPONENT	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Stewart, Georgia		
4.PROJECT TITLE	5.PROJECT NUMBER	
Whole Barracks Complex Renewal w/Dining	43542	
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>off-post will effect substantial financial difficulty upon the soldier due to the need for transportation and separate rations, and the tendency of this group to be subjected to high rent situations. Personal problems such as financial difficulty yield poor morale, and thereby reduce the soldier's ability to contribute to the accomplishment of the required unit mission.</p> <p>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. This project is the only feasible option to meet the requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate. Upon completion of this project the remaining permanent party requirement is 714 personnel at this installation. During the past two years, approximately \$1.550 million has been spent on Real Property Maintenance for barracks at Hunter Army Airfield.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a)	Date Design Started.....	JAN 1998
(b)	Percent Complete As Of January 1999.....	35.00
(c)	Date 35% Designed.....	JAN 1999
(d)	Date Design Complete.....	SEP 1999
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(2) Basis:		
(a)	Standard or Definitive Design:	YES
(b)	Where Most Recently Used:	Fort Jackson
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a)	Production of Plans and Specifications.....	2,000
(b)	All Other Design Costs.....	500
(c)	Total Design Cost.....	2,500
(d)	Contract.....	
(e)	In-house.....	2,500
(4)	Construction Start.....	MAR 2000
(5)	Construction Completion.....	DEC 2002

1.COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999								
3.INSTALLATION AND LOCATION  Fort Stewart, Georgia										
4.PROJECT TITLE  Whole Barracks Complex Renewal w/Dining		5.PROJECT NUMBER  43542								
<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>			<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										
<p>Installation Engineer: Rodney Carter</p> <p>Phone Number: 912 767-5591</p>										

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----		-----	-----	-----	-----	-----
Hawaii		Schofield Barracks (USARPAC)				89
	46902	Whole Barracks Complex Renewal	95,000	14,200	C	91
		Subtotal Schofield Barracks PART I	\$ 95,000	14,200		
		* TOTAL MCA FOR Hawaii	\$ 95,000	14,200		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Schofield Barracks 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 1998	1334	11425	1412	0	89	0	117	1165	2144	17,686
B. END FY 2005	1414	11370	1219	0	69	0	108	1146	2137	17,463

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	65,909 ha (162,864 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	701,421
C. AUTHORIZATION NOT YET IN INVENTORY.....	199,105
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	95,000
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	35,900
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	149,266
H. GRAND TOTAL.....	1,098,792

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
721	46902	Whole Barracks Complex Renewal	95,000	01/1998 09/1999
TOTAL			95,000	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
721	Whole Barracks Complex Renewal	35,900
TOTAL		35,900
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
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.

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: Schofield Barracks                      Hawaii										
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 estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$736,535,000, based on the Installation Status Report information on conditions as of October 1998.										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Schofield Barracks Hawaii			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  721	7.PROJECT NUMBER  46902	8.PROJECT COST (\$000) Auth                      95,000 Approp                    14,200		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Barracks	m2 (SF)	12,000 ( 129,167)	1,714	60,849 (20,568)	
Soldiers Community Building	m2 (SF)	1,618 ( 17,416)	1,388	(2,246)	
Company Operations Facilities	m2 (SF)	10,448 ( 112,461)	1,614	(16,863)	
Soldiers Gear Wash Area	m2 (SF)	946 ( 10,183)	1,573	(1,488)	
Battalion Headquarters	m2 (SF)	2,904 ( 31,258)	1,824	(5,297)	
Total from Continuation page				(14,387)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	23,879 (1,875)	
Water, Sewer, Gas	LS	--	--	(3,652)	
Paving, Walks, Curbs & Gutters	LS	--	--	(3,112)	
Storm Drainage	LS	--	--	(6,017)	
Site Imp( 2,767) Demo( 3,455)	LS	--	--	(6,222)	
Information Systems	LS	--	--	(3,001)	
ESTIMATED CONTRACT COST				84,728	
CONTINGENCY PERCENT (5.00%)				4,236	
SUBTOTAL				88,964	
SUPV, INSP & OVERHEAD (6.50%)				5,783	
TOTAL REQUEST				94,747	
TOTAL REQUEST (ROUNDED)				95,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard-design whole barracks renewal complex. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, service areas, janitor's closets, mechanical rooms, electrical room, elevators, telecommunication room, and construct a water tank and pump system. The barracks will be five-stories in height due to very limited space. Construct a standard-design soldier community building (SCB). The SCB includes lobby, manager's office, mailroom, television lounge, activities room, laundry kitchen, mudroom, vending area, janitor's closet, toilets, mechanical room, electrical room, telecommunication room and bulk storage. Construct four small company, eight medium company and three large company two story, standard-design company operations facilities (COF). Each COF includes offices, conference room, toilet and showers, janitor's closet, equipment maintenance area, unit storage, general storage, lockers for TA-50 gear, arms vault, mechanical room, electrical room and telecommunications room. Install an intrusion detection system (IDS). Construct covered soldier gear wash areas adjacent to the COFs for cleaning of personal military gear and used as a formation area during inclement weather.					



1.COMPONENT		2.DATE	
ARMY		08 FEB 1999	
3.INSTALLATION AND LOCATION			
Schofield Barracks, Hawaii			
4.PROJECT TITLE		5.PROJECT NUMBER	
Whole Barracks Complex Renewal		46902	
9. COST ESTIMATES (CONTINUED)			
Item	UM (M/E)	QUANTITY	Unit Cost (\$000)
PRIMARY FACILITY (CONTINUED)			
Remote Switch Center Building	m2 (SF)	92.90 ( 999.97)	2,026 (188)
IDS Installation	LS	--	-- (56)
Multipurpose Court	EA	1 --	118,000 (118)
Dining Facility	m2 (SF)	2,272 ( 24,456)	3,096 (7,034)
Replacement Training Center	m2 (SF)	1,190 ( 12,809)	1,656 (1,971)
Water Tank 1 Mgal	EA	1 --	1250000 (1,250)
Pump Sta. w/Standby Generator	EA	1 --	800,000 (800)
Building Information Systems	LS	--	-- (2,970)
			Total 14,387
DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)			
<p>Construct two large-size battalion two-story standard-design battalion headquarters. Battalion headquarters includes lobby, offices, conference room, resource center, classrooms, toilets, showers, storage, janitor's closet, mechanical room, electrical room, telecommunication room and elevator. Construct a standard-design enlisted personnel dining facility with dining room, serving line, kitchen, dishwashers, refrigerators, freezers, dry storage, offices, janitor's closet, toilets, mechanical room, electrical room, telecommunication room and a loading dock. Construct a replacement training center with welding shop and division artillery. 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; and site improvements. Access for the handicapped will be provided for the SCB and the Battalion Headquarters. Infrastructure for cable television service will be provided. Environmental remediation is required at the construction site. Air conditioning will be provided for the barracks (562 kW), SCB (127 kW), COFs (342 kW), dining (127 kW), training center (176 kW), and the battalion headquarters (296 kW). Demolish 13 buildings (37,568 SM) within the footprint. Asbestos abatement for removal of vinyl asbestos tile flooring is required prior to the demolition of existing buildings. The supporting facility cost is high due to relocation of utility lines, road improvements, permanent relocation of telephones, local area network, oceanic cables, and demolition. Comprehensive building and furnishings related interior design services are required.</p>			
11. REQ: 4,201 PN ADQT: 1,361 PN SUBSTD: 2,840 PN			
PROJECT: Construct two standard-design barracks facility, a standard-design soldier community building (400 personnel (PN)), fifteen standard-design company operations facilities, two standard-design battalion headquarters, a			

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Schofield Barracks, Hawaii		
4.PROJECT TITLE  Whole Barracks Complex Renewal		5.PROJECT NUMBER  46902
<p><u>PROJECT:</u> (CONTINUED)</p> <p>standard design enlisted personnel dining facility (801-1300 person capacity) to meet the Whole Barracks Renewal Program Standards. Construct replacement facilities for a training center. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is the first part of a multi-phase project to provide barracks for 400 personnel (PN) out of the total maximum utilization of 1,180 PN required for this barracks complex. The barracks complex will support the Division HHC, 45th Corps Support Group, 25th Division Artillery, 125th Signal Battalion and the 25th Infantry Division (Light) (ID(L)) 1st/62nd Air Defense Artillery. 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 it's supporting elements.</p> <p><u>CURRENT SITUATION:</u> Personnel are currently housed in an existing substandard (90 SF per man) barracks building 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 barracks.</p> <p><u>IMPACT IF NOT PROVIDED:</u> 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' quality-of-life and morale, compromising retention rates and ultimately, unit readiness. Maintenance costs for utilities and billet areas due to facility age will continue to increase.</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. Upon completion of this project, the remaining permanent party requirement is 2,440 personnel at this installation. Alternative methods of meeting this requirement have been explored during project development. During the past two years, approximately \$7 million has been spent on Real Property Maintenance for barracks at Schofield Barracks. This project is the only feasible option to meet the requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE												
ARMY		08 FEB 1999												
3. INSTALLATION AND LOCATION														
Schofield Barracks, Hawaii														
4. PROJECT TITLE		5. PROJECT NUMBER												
Whole Barracks Complex Renewal		46902												
<p><b>12. SUPPLEMENTAL DATA:</b></p> <p>A. Estimated Design Data:</p> <p style="margin-left: 40px;">(1) Status:</p> <div style="margin-left: 80px;"> (a) Date Design Started..... <u>JAN 1998</u>  (b) Percent Complete As Of January 1999..... <u>35.00</u>  (c) Date 35% Designed..... <u>JAN 1999</u>  (d) Date Design Complete..... <u>SEP 1999</u>  (e) Parametric Cost Estimating Used to Develop Costs <u>YES</u> </div> <p style="margin-left: 40px;">(2) Basis:</p> <div style="margin-left: 80px;"> (a) Standard or Definitive Design: YES  (b) Where Most Recently Used:  Schofield Barracks </div> <p style="margin-left: 40px;">(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <div style="margin-left: 80px;"> (a) Production of Plans and Specifications..... <u>2,000</u>  (b) All Other Design Costs..... <u>800</u>  (c) Total Design Cost..... <u>2,800</u>  (d) Contract..... <u>2,400</u>  (e) In-house..... <u>400</u> </div> <p style="margin-left: 40px;">(4) Construction Start..... <u>NOV 1999</u></p> <p style="margin-left: 40px;">(5) Construction Completion..... <u>NOV 2001</u></p> <p style="margin-left: 40px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-left: 40px; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 35%;"><u>Equipment</u></th> <th style="text-align: left; width: 25%;"><u>Procuring</u></th> <th style="text-align: left; width: 25%;"><u>Fiscal Year</u></th> <th style="text-align: left; width: 15%;"><u>Cost</u></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Appropriation</u></th> <th style="text-align: left;"><u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left;"><u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding: 20px 0;">NA</td> </tr> </tbody> </table>			<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			
<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: EN DENNIS J. FONTANT A Phone Number: (808) 656-1289														

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----		-----	-----	-----	-----	-----
Indiana		Newport Army Ammunition Plant (AMC)				97
	50041	Ammunition Demilitarization Fac Ph II	0	61,200	N	99
		Subtotal Newport Army Ammunition Plant PART I	\$ 0	61,200		
		* TOTAL MCA FOR Indiana	\$ 0	61,200		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Newport Army Ammunition Plant Indiana	4. COMMAND  US Army Materiel Command	5. AREA CONSTRUCTION COST INDEX  1.01

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	1	0	15	0	0	0	0	6	209	231
B. END FY 2005	1	0	15	0	0	0	0	6	209	231

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	3,439 ha (8,498 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	105,131
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	61,200
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	75,300
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	39,900
G. REMAINING DEFICIENCY.....	132,600
H. GRAND TOTAL.....	415,781

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
216	50041	Ammunition Demilitarization Fac Ph II	61,200	03/1997 08/1997
TOTAL			61,200	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
216	Ammunition Demilitarization Fac Ph III	75,300
TOTAL		75,300
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):		
216	Ammunition Demilitarization Fac Ph IV	39,900
TOTAL		39,900

10. MISSION OR MAJOR FUNCTIONS:
Manufacture of explosives and chemical agent surveillance.

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Newport Army Ammunition Plant      Indiana		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <div style="float: right;">(\$000)</div> <div style="clear: both;"></div> <div style="display: flex; justify-content: space-between;"> <div>A. AIR POLLUTION</div> <div>0</div> </div> <div style="display: flex; justify-content: space-between;"> <div>B. WATER POLLUTION</div> <div>0</div> </div> <div style="display: flex; justify-content: space-between;"> <div>C. OCCUPATIONAL SAFETY AND HEALTH</div> <div>0</div> </div>		
REMARKS : Non-ISR installation.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Newport Army Ammunition Plant Indiana			4.PROJECT TITLE Ammunition Demilitarization Fac Ph II		
5.PROGRAM ELEMENT  78007A	6.CATEGORY CODE  216	7.PROJECT NUMBER  50041	8.PROJECT COST (\$000) Auth Approp      61,200		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Chemical Demil Building	m2 (SF)	5,601 ( 60,287)	11,200	133,949 (62,729)	
Process Auxiliary Building	m2 (SF)	1,366 ( 14,700)	6,207	(8,476)	
Farm Filter Building	m2 (SF)	1,901 ( 20,460)	3,373	(6,411)	
Utility Building	m2 (SF)	1,417 ( 15,250)	5,107	(7,236)	
Supercritical Water Ox Bldg	m2 (SF)	854.71 ( 9,200)	8,017	(6,852)	
Total from Continuation page				(42,245)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	27,657 (11,489)	
Water, Sewer, Gas	LS	--	--	(355)	
Paving, Walks, Curbs & Gutters	LS	--	--	(2,016)	
Storm Drainage	LS	--	--	(1,188)	
Site Imp(12,609) Demo(      )	LS	--	--	(12,609)	
ESTIMATED CONTRACT COST				161,606	
CONTINGENCY PERCENT (10.0%)				<u>16,161</u>	
SUBTOTAL				177,767	
SUPV, INSP & OVERHEAD (5.70%)				<u>10,133</u>	
TOTAL REQUEST				187,900	
TOTAL REQUEST (ROUNDED)				187,900	
INSTALLED EQT-OTHER APPROP				(110,983)	
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 II (\$61.2 million). Increment I (Project Number (PN) 50026, \$11.5 million) is included in the FY 1999 MILCON budget, Increment III (PN 50042, \$75.3 million) is planned for FY 2001 and Increment IV (PN 50043, \$39.9 million) is planned for FY 2002. 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 Building 144; 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 building. Features include fire protection, a					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																																																	
ARMY		08 FEB 1999																																																																	
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Ammunition Demilitarization Fac Ph II		50041																																																																	
<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: left;">Unit COST</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>Ton Container Tranfer Corridor</td> <td>m2 (SF)</td> <td>371.61 ( 4,000)</td> <td>3,276</td> <td>(1,217)</td> </tr> <tr> <td>Water Treatment Area</td> <td>m2 (SF)</td> <td>278.71 ( 3,000)</td> <td>4,084</td> <td>(1,138)</td> </tr> <tr> <td>Personnel Support Building</td> <td>m2 (SF)</td> <td>1,170 ( 12,590)</td> <td>2,575</td> <td>(3,012)</td> </tr> <tr> <td>Entry Control Facility</td> <td>m2 (SF)</td> <td>124.49 ( 1,340)</td> <td>11,702</td> <td>(1,457)</td> </tr> <tr> <td>Personnel Maintenance Building</td> <td>m2 (SF)</td> <td>1,735 ( 18,680)</td> <td>3,405</td> <td>(5,909)</td> </tr> <tr> <td>Laboratory</td> <td>m2 (SF)</td> <td>1,320 ( 14,213)</td> <td>8,987</td> <td>(11,866)</td> </tr> <tr> <td>Lab Filter Building</td> <td>LS</td> <td>--</td> <td>--</td> <td>(821)</td> </tr> <tr> <td>Warehouse</td> <td>m2 (SF)</td> <td>2,601 ( 28,000)</td> <td>1,045</td> <td>(2,719)</td> </tr> <tr> <td>Design Costs</td> <td>LS</td> <td>--</td> <td>--</td> <td>(11,314)</td> </tr> <tr> <td>Intrution Detection System</td> <td>LS</td> <td>--</td> <td>--</td> <td>(2,792)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">42,245</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Ton Container Tranfer Corridor	m2 (SF)	371.61 ( 4,000)	3,276	(1,217)	Water Treatment Area	m2 (SF)	278.71 ( 3,000)	4,084	(1,138)	Personnel Support Building	m2 (SF)	1,170 ( 12,590)	2,575	(3,012)	Entry Control Facility	m2 (SF)	124.49 ( 1,340)	11,702	(1,457)	Personnel Maintenance Building	m2 (SF)	1,735 ( 18,680)	3,405	(5,909)	Laboratory	m2 (SF)	1,320 ( 14,213)	8,987	(11,866)	Lab Filter Building	LS	--	--	(821)	Warehouse	m2 (SF)	2,601 ( 28,000)	1,045	(2,719)	Design Costs	LS	--	--	(11,314)	Intrution Detection System	LS	--	--	(2,792)				Total	42,245
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			Total	42,245																																																															
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> cascading heating, ventilation, and air conditioning (HVAC) system with airlocks for agent containment, air filtration, toxic chemical resistive coatings and surfaces. Installation of 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. IMPACT IF NOT PROVIDED:    If this project is not approved, the Army will not be able to comply with the Congressional mandate for chemical munitions																																																																			

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999																				
3.INSTALLATION AND LOCATION  Newport Army Ammunition Plant, Indiana																						
4.PROJECT TITLE  Ammunition Demilitarization Fac Ph II	5.PROJECT NUMBER  50041																					
<p><u>IMPACT IF NOT PROVIDED:</u>      (CONTINUED)</p> <p>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>    Estimates are based upon the best available data. Costs are adjusted for risk associated with design and construction of a first-of-a-kind process plant. 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.</p>																						
<p><u>12.    SUPPLEMENTAL DATA:</u></p> <p style="margin-left: 20px;">A.    Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1)    Status:</p> <table style="width: 100%; border: none;"> <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 1999.....</td><td style="text-align: right;"><u>35.00</u></td></tr> <tr><td>(c)    Date 35% Designed.....</td><td style="text-align: right;"><u>AUG 1997</u></td></tr> <tr><td>(d)    Date Design Complete.....</td><td style="text-align: right;"><u>AUG 1997</u></td></tr> <tr><td>(e)    Parametric Cost Estimating Used to Develop Costs</td><td style="text-align: right;"><u>NO</u></td></tr> </table> <p>(2)    Basis:</p> <p style="margin-left: 20px;">(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: none;"> <tr><td style="width: 80%;">(a)    Production of Plans and Specifications.....</td><td style="text-align: right;"><u>10,975</u></td></tr> <tr><td>(b)    All Other Design Costs.....</td><td style="text-align: right;"><u>2,675</u></td></tr> <tr><td>(c)    Total Design Cost.....</td><td style="text-align: right;"><u>13,650</u></td></tr> <tr><td>(d)    Contract.....</td><td style="text-align: right;"><u>11,600</u></td></tr> <tr><td>(e)    In-house.....</td><td style="text-align: right;"><u>2,050</u></td></tr> </table> <p>(4)    Construction Start.....    <u>FEB 1999</u></p> <p>(5)    Construction Completion.....    <u>AUG 2002</u></p> </div>			(a)    Date Design Started.....	<u>MAR 1997</u>	(b)    Percent Complete As Of January 1999.....	<u>35.00</u>	(c)    Date 35% Designed.....	<u>AUG 1997</u>	(d)    Date Design Complete.....	<u>AUG 1997</u>	(e)    Parametric Cost Estimating Used to Develop Costs	<u>NO</u>	(a)    Production of Plans and Specifications.....	<u>10,975</u>	(b)    All Other Design Costs.....	<u>2,675</u>	(c)    Total Design Cost.....	<u>13,650</u>	(d)    Contract.....	<u>11,600</u>	(e)    In-house.....	<u>2,050</u>
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<p>Installation Engineer:    Mr. Kevin Rudduck</p> <p>Phone Number:    765 245-4550</p>																						

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	INSTALLATION (COMMAND)			NEW/	
-----	PROJECT	-----	AUTHORIZATION	APPROPRIATION	CURRENT
	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION PAGE
-----		-----	-----	-----	-----
Kansas		Fort Leavenworth (TRADOC)			105
	45561	Water Treatment Plant	8,100	1,200	C 107
	49466	Whole Barracks Complex Renewal	26,000	3,900	C 110
	50784	US Disciplinary Barracks Ph III	0	18,800	C 113
			-----	-----	
		Subtotal Fort Leavenworth PART I	\$ 34,100	23,900	
		* TOTAL MCA FOR Kansas	\$ 34,100	23,900	

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Leavenworth Kansas	4. COMMAND  US Army Training and Doctrine Command	5. AREA CONSTRUCTION COST INDEX  1.08

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	1019	1465	1424	1880	0	67	134	928	1533	8,437
B. END FY 2005	1062	1426	1232	1895	0	66	120	653	1515	7,969

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	2,281 ha (5,637 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	247,850
C. AUTHORIZATION NOT YET IN INVENTORY.....	58,714
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	52,900
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	63,737
H. GRAND TOTAL.....	423,601

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS	
	CODE NUMBER			START	COMPLETE
	841 45561	Water Treatment Plant	8,100	10/1998	09/1999
	730 50784	US Disciplinary Barracks Ph III	18,800	07/1994	12/1996
	721 49466	Whole Barracks Complex Renewal	26,000	02/1999	10/1999
TOTAL			52,900		

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR 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



1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Leavenworth Kansas			4.PROJECT TITLE Water Treatment Plant		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  841	7.PROJECT NUMBER  45561	8.PROJECT COST (\$000) Auth                      8,100 Approp                    1,200		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				6,790	
Buildings	LS	--	--	(2,588)	
Pump, Well & Piping	LS	--	--	(1,218)	
Tankage & Basin	LS	--	--	(2,045)	
Monitors, Controls & Equipment	LS	--	--	(932)	
Building Information Systems	LS	--	--	(7)	
<u>SUPPORTING FACILITIES</u>				474	
Water, Sewer, Gas	LS	--	--	(31)	
Paving, Walks, Curbs & Gutters	LS	--	--	(65)	
Site Imp(    347) Demo(            )	LS	--	--	(347)	
Information Systems	LS	--	--	(31)	
ESTIMATED CONTRACT COST					7,264
CONTINGENCY PERCENT (5.00%)					363
SUBTOTAL					7,627
SUPV, INSP & OVERHEAD (5.70%)					435
TOTAL REQUEST					8,062
TOTAL REQUEST (ROUNDED)					8,100
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Modernize existing water treatment plant. Project includes installation of additional pumping stages for wells and construction of a flood-proof well and well house; flow meter; replace motors and install by-pass lines; construct a first stage rapid mix tank; and convert settling basins to flocculation basins. Erect a new effluent flow channel and install a solids contact clarifier. Convert secondary mixing basin to a recarbonation basin and install a rapid mix chamber. Repair concrete beams and walkways on secondary settling basins and install a backwash storage tank. Construct a chemical feed building addition and install new equipment. Relocate chlorine storage building and construct a loading dock. Replace chemical feeders and storage units. Replace high service pumps and meter. Reroute sanitary wastewater lines and install a wastewater containment tank. Construct a sludge press building addition and install storage tank, press equipment, pumps and force main. Construct a control room inside existing building and replace existing control panel. Repair tile and wall cracks and install vibration isolators for equipment. Install steam heating system and replace piping distribution system. Air conditioning will					



1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Leavenworth, Kansas		
4.PROJECT TITLE	5.PROJECT NUMBER	
Water Treatment Plant	45561	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u>    (CONTINUED)</p> <p>be provided by a self-contained unit (12.5 tons). Install exhaust fans in the restrooms and sandblasting room, and dehumidification in the pipe gallery. Supporting facilities include sewer main, fencing and fence relocation, paving, and site improvements. Access for the handicapped will be provided.</p>		
<p>11. REQ:                      884 m2    ADQT:                      NONE                      SUBSTD:                      611 m2</p> <p>PROJECT: Modernize an existing water treatment plant. (Current Mission)</p> <p>REQUIREMENT: This project is required to supply adequate water for domestic use and fire protection to support the Fort Leavenworth mission and to remain in compliance with the provisions set forth in the installation's National Pollutant Discharge Eliminations System (NPDES) permit. The water treatment plant has exceeded its 50 year life expectancy and requires modernization.</p> <p>CURRENT SITUATION: The water supply source for Fort Leavenworth consists of a lime softening treatment plant that processes raw water obtained from an underground aquifer by five wells. Existing wells are located in the 100 year flood plain and are susceptible to flooding as evidenced by the Missouri River Flood of 1993. The treatment plant, constructed in 1934, is over 60 years old. Although it has been maintained in relatively good condition, the plant has experienced significant deterioration, and the treatment process is technologically obsolete and inefficient. The current capacity of the holding tank is insufficient, and the design does not allow for easy removal of sludge. These factors combined with a deteriorating pump cause the installation to discharge sludge directly to a two-cell lagoon. This direct discharge is a violation of the installation's NPDES permit. Meters and pumps are old and require constant maintenance or manual adjustment. The aeration, mixing and settling stages do not effectively remove gases and minerals from the raw water. This has led to accelerated cleaning and repair of basins, frequent replacement of filters, and an increase in the amount of expensive chemicals used to maintain water quality standards. Concrete basins are spalling, and valves and gates either leak or do not operate properly. The fluoride feeder often clogs and must be cleaned regularly. Excessive vibration of pumps has caused cracking in the concrete structure. Electronic controls have been corroded by high humidity levels requiring frequent replacement of sensors and manual adjustment to correct malfunctions.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, the technologically obsolete process will result in increasing maintenance and repair costs for the plant and equipment and for the entire distribution system being encrusted with mineral deposits. Supply costs will remain high since additional expensive chemicals must be used to compensate for inefficiency. Ultimately, the treatment plant will be unable to produce water conforming with established standards, and sludge operations will subject us to a Notice of Violation (NOV) under the Clean Water Act (CWA) and assessment of fines and penalties. Additionally, further deterioration of the treatment plant could have a severely negative impact on mission accomplishment and soldier quality</p>		

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999																				
3.INSTALLATION AND LOCATION  Fort Leavenworth, Kansas																						
4.PROJECT TITLE  Water Treatment Plant		5.PROJECT NUMBER  45561																				
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>of life.</p> <p>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. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>																						
<p>12. SUPPLEMENTAL DATA:</p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table style="width: 100%;"> <tr> <td style="width: 80%;">(a) Date Design Started.....</td> <td style="text-align: right;">OCT 1998</td> </tr> <tr> <td>(b) Percent Complete As Of January 1999.....</td> <td style="text-align: right;">35.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td style="text-align: right;">JAN 1999</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td style="text-align: right;">JAN 2000</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right;">YES</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%;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right;">485</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;">240</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right;">725</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;">565</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;">160</td> </tr> </table> <p>(4) Construction Start..... MAR 2000</p> <p>(5) Construction Completion..... JUN 2001</p>			(a) Date Design Started.....	OCT 1998	(b) Percent Complete As Of January 1999.....	35.00	(c) Date 35% Designed.....	JAN 1999	(d) Date Design Complete.....	JAN 2000	(e) Parametric Cost Estimating Used to Develop Costs	YES	(a) Production of Plans and Specifications.....	485	(b) All Other Design Costs.....	240	(c) Total Design Cost.....	725	(d) Contract.....	565	(e) In-house.....	160
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<p>Installation Engineer: COL Steve Woods, DPW</p> <p>Phone Number: 913 684-5646</p>																						

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Leavenworth Kansas			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  721	7.PROJECT NUMBER  49466	8.PROJECT COST (\$000) Auth                      26,000 Approp                    3,900		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					17,859
Barracks		m2 (SF)	7,028 ( 75,652)	1,550	(10,894)
Soldier Community Building		m2 (SF)	1,358 ( 14,618)	1,548	(2,103)
Company Operations Facilities		m2 (SF)	2,131 ( 22,934)	1,539	(3,278)
IDS Installation		LS	--	--	(74)
EMCS Connection		LS	--	--	(113)
Total from Continuation page					(1,397)
<u>SUPPORTING FACILITIES</u>					5,133
Electric Service		LS	--	--	(638)
Water, Sewer, Gas		LS	--	--	(624)
Steam And/Or Chilled Water Dist		LS	--	--	(216)
Paving, Walks, Curbs & Gutters		LS	--	--	(1,189)
Storm Drainage		LS	--	--	(139)
Site Imp( 1,618) Demo( 610)		LS	--	--	(2,228)
Information Systems		LS	--	--	(99)
ESTIMATED CONTRACT COST					22,992
CONTINGENCY PERCENT (5.00%)					<u>1,150</u>
SUBTOTAL					24,142
SUPV, INSP & OVERHEAD (5.70%)					<u>1,376</u>
TOTAL REQUEST					25,518
TOTAL REQUEST (ROUNDED)					26,000
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard-design whole barracks renewal complex. Project includes barracks, a soldier community building with equipment storage area, three company operations facilities, and outdoor recreational facilities. Barracks include living/sleeping rooms with semi-private baths, walk-in closets, service area, bulk storage areas, dayrooms and laundry facilities. Connect to an existing energy monitoring and control system (EMCS). Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service and exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; access roads and parking; storm drainage and sanitary sewer; fencing; dumpster enclosures; information systems; and site improvements. Heating and air conditioning (330 tons) will be provided by self-contained systems. Comprehensive building and furnishings related interior design services are required. Demolish two buildings (6,430 m2) including asbestos and lead based paint removal. Comprehensive interior design services will be provided.					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Leavenworth, Kansas		
4.PROJECT TITLE  Whole Barracks Complex Renewal		5.PROJECT NUMBER  49466

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(991)
Building Information Systems	LS	--	--	(406)
Total				1,397

11. REQ:                      317 PN    ADQT:                      18 PN    SUBSTD:                      299 PN

PROJECT: Construct a standard-design whole barracks renewal complex, including a soldier community building, three company operations facilities and outdoor recreational facilities. (Current Mission)

REQUIREMENT: This project is required to provide unaccompanied enlisted soldier barracks which comply with current Army standards for size, security, storage and privacy for unaccompanied permanent party personnel. The maximum utilization will be 240 personnel.

CURRENT SITUATION: Existing building is a two-story barracks and was constructed in 1882. Two other buildings are two and three story barracks which were constructed in 1965. All three are primarily masonry construction. The existing barracks have two, three, or four person rooms and gang latrines. Building components, systems and finishes have deteriorated and are in need of major repairs or replacement. Interior lighting is poor, and electrical systems fail to meet requirements of the National Electrical Code (NEC). Additionally, none of these buildings meet current building code requirements for resisting lateral forces, i.e. seismic resistance.

IMPACT IF NOT PROVIDED: If this project is not provided, permanent party enlisted personnel will continue to be housed in substandard facilities, resulting in lower morale and retention rates. Improvements, in keeping with the Army's Whole Barracks Renewal and Communities of Excellence programs, will not be provided which will adversely affect the welfare of these barracks residents.

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 the evaluation of this project. A parametric cost estimate was used to develop the budget estimate. During the past two years approximately \$3.0 million of Real Property Maintenance has been spent on unaccompanied enlisted personnel housing at Fort Leavenworth. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 59 personnel at this installation.



1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Leavenworth Kansas			4.PROJECT TITLE US Disciplinary Barracks Ph III		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  730	7.PROJECT NUMBER  50784	8.PROJECT COST (\$000) Auth Approp      18,800		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				46,610	
Confinement Housing	m2 (SF)	11,179 ( 120,327)	1,597	(17,849)	
Special Housing	m2 (SF)	4,299 ( 46,275)	1,495	(6,428)	
Entry & Lobby & Visitor	m2 (SF)	2,109 ( 22,702)	1,608	(3,391)	
Administration/Medical	m2 (SF)	2,023 ( 21,774)	1,638	(3,314)	
Gymnasium/Recreation	m2 (SF)	3,518 ( 37,867)	1,096	(3,854)	
Total from Continuation page				(11,774)	
<u>SUPPORTING FACILITIES</u>				14,840	
Electric Service	LS	--	--	(2,981)	
Water, Sewer, Gas	LS	--	--	(2,330)	
Steam And/Or Chilled Water Dist	LS	--	--	(144)	
Paving, Walks, Curbs & Gutters	LS	--	--	(3,088)	
Storm Drainage	LS	--	--	(813)	
Site Imp( 4,679) Demo(      )	LS	--	--	(4,679)	
Information Systems	LS	--	--	(805)	
ESTIMATED CONTRACT COST				61,450	
CONTINGENCY PERCENT (5.00%)				<u>3,073</u>	
SUBTOTAL				64,523	
SUPV, INSP & OVERHEAD (5.70%)				<u>3,678</u>	
TOTAL REQUEST				68,201	
TOTAL REQUEST (ROUNDED)				68,200	
INSTALLED EQT-OTHER APPROP				(1,885)	
10.Description of Proposed Construction      This project provides funding to complete the \$68.2 million three-phased construction project. In FY 98 Congress authorized \$63 million for this project. The authorization was increased to \$68.2 million pursuant to 10 USC 2853 (Congressional notification dated April 10, 1998). The first phase, Project Number 41069, was funded with a FY 98 appropriation of \$20 million, a FY 99 appropriation of \$29 million funded phase 2, and a \$18.8 million appropriation in FY 00 will complete the funding of the project. Construct a long-term, maximum security confinement and rehabilitation facility (512 person capacity). Primary facilities include general and special confinement housing with showers and latrines; administrative areas; entry, lobby, visiting and staff areas; armory; kitchen and dining area; medical and dental facilities; storage area; perimeter security fencing and guard house; educational and vocational training space; gymnasium; outdoor recreation area; religious and library areas; maintenance shops; warehouse; laundry; and hazardous materials storage. Prewired workstations will be provided in administrative areas. An interior design package including kitchen, laundry and medical and dental layouts will be provided. Primary facilities will be connected to the existing energy monitoring and control system (EMCS) and will be provided with a fire alarm and protection system and an electronic security system. Supporting facilities include utilities; electric service; perimeter					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																																							
ARMY		08 FEB 1999																																																							
3. INSTALLATION AND LOCATION																																																									
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<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> 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 will be provided by a centralized utility plant with gas-fired boilers. Air conditioning: 1,200 tons. Lay away existing confinement facility (318,686 m2) (38 buildings).																																																									
11. REQ:                    2,937 m2    ADQT:                    NONE                    SUBSTD:                    29,608 m2 <u>PROJECT:</u> Construct a 512 person maximum security confinement and rehabilitation facility. (Current Mission) <u>REQUIREMENT:</u> This project is required to support the Army's Executive Agent mission to safely confine military inmates from all services and conduct correctional and rehabilitation treatment. Confinement is not limited to confinement housing, but also includes facilities to support the physical, mental, spiritual and vocational growth of inmates. <u>CURRENT SITUATION:</u> The US Disciplinary Barracks (USDB) is the only existing, long-term, maximum security corrections facility in the Department of Defense. It is an integral part of the military justice system and confines the long-term inmates of all Services. Constructed in the early 1900s, the radial plan is comprised of four domicile wings with eight tiers of 40 cells, three administrative wings, one dining, and a central rotunda. The structural concrete walls, floors and roof are severely cracked, and the reinforcing is exposed and deteriorating. A structural analysis of the domiciles uncovered serious deficiencies in the steel, concrete, and masonry construction. Collapse of the facility is possible. The cell blocks are of considerable height causing temperature stratification which wastes fuel and inhibits proper ventilation. The antiquated design of the cell block areas necessitate excessive guard manpower to ensure proper custody and control of inmates. <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, excessive operations and maintenance costs will continue. Valuable Military Police																																																									





1.COMPONENT	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2.DATE
ARMY			08 FEB 1999
3.INSTALLATION AND LOCATION			
Fort Leavenworth, Kansas			
4.PROJECT TITLE		5.PROJECT NUMBER	
US Disciplinary Barracks Ph III		50784	
12. SUPPLEMENTAL DATA: (CONTINUED)			
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated Or Requested	Cost (\$000)
Info Sys - ISC	OPA	2000	1,782
Info Sys - PROP	OPA	2000	103
		TOTAL	<hr/> 1,885
<p>Installation Engineer: COL Steve Woods, DPW</p> <p>Phone Number: 913 684-5646</p>			

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Kentucky		Blue Grass Army Depot (AMC)				119
	8986	Ammunition Surveillance Facility	6,000	900	C	121
	21994	Ammunition Demilitarization Fac Ph I	195,800	11,800	N	124
	33927	Ammunition Demilitarization Support	11,000	11,000	N	128
		Subtotal Blue Grass Army Depot PART I	\$ 212,800	23,700		
		Fort Campbell (FORSCOM)				131
	10663	MOUT Training Complex	14,400	2,150	C	133
	50407	Sabre Heliport Improvements	16,500	2,475	C	136
	51665	Whole Barracks Complex Renewal Ph II	0	4,800	C	139
	51687	Physical Fitness Training Center	6,000	900	C	142
		Subtotal Fort Campbell PART I	\$ 36,900	10,325		
		Fort Knox (TRADOC)				145
	51681	Multi-purpose Digital Training Range Ph II	0	2,400	C	147
		Subtotal Fort Knox PART I	\$ 0	2,400		
		* TOTAL MCA FOR Kentucky	\$ 249,700	36,425		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
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 1998	5	10	543	0	0	0	0	4	243	805
B. END FY 2005	5	9	458	0	0	0	0	4	243	719

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	5,907 ha (14,596 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	49,211
C. AUTHORIZATION NOT YET IN INVENTORY.....	5,300
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	212,800
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	51,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	130,800
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	152,311

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:						
CATEGORY	PROJECT		COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE	
216	33927	Ammunition Demilitarization Support	11,000	11/1991	12/1996	
216	21994	Ammunition Demilitarization Fac Ph I	195,800	10/1990	09/1996	
216	8986	Ammunition Surveillance Facility	6,000	02/1998	09/1999	
TOTAL			212,800			

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
216	Ammunition Demilitarization Fac Ph II	51,000
TOTAL		51,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):		
216	Ammunition Demilitarization Fac Ph-III	91,100
216	Ammunition Demilitarization Fac Ph-IV	30,700
216	Ammunition Demilitarization Fac Ph-V	9,000
TOTAL		130,800

10. MISSION OR MAJOR FUNCTIONS:
<p>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.</p>

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: Blue Grass Army Depot                      Kentucky										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td>(\$000)</td> </tr> <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> </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 estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$18,739,000, based on the Installation Status Report information on conditions as of October 1998.</p>										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Blue Grass Army Depot Kentucky				4.PROJECT TITLE Ammunition Surveillance Facility		
5.PROGRAM ELEMENT  46029A		6.CATEGORY CODE  216		7.PROJECT NUMBER  8986		8.PROJECT COST (\$000) Auth                      6,000 Approp                    900
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,755
Ammunition Surveillance Shop		m2 (SF)	1,846 (    19,870)		1,545	(2,852)
Loading Dock		m2 (SF)	88.82 (       956)		273.82	(24)
Deluge System		m2 (SF)	20.44 (       220)		191.68	(4)
Jib Crane w/ Roll-up Door		EA	1 --		38,621	(39)
Modify Storage Igloo & Ramp		EA	147 --		12,397	(1,822)
Total from Continuation page						(14)
<u>SUPPORTING FACILITIES</u>						625
Electric Service		LS	--		--	(263)
Water, Sewer, Gas		LS	--		--	(58)
Paving, Walks, Curbs & Gutters		LS	--		--	(46)
Storm Drainage		LS	--		--	(11)
Site Imp(    184) Demo(           )		LS	--		--	(184)
Information Systems		LS	--		--	(63)
ESTIMATED CONTRACT COST						5,380
CONTINGENCY PERCENT (5.00%)						<u>269</u>
SUBTOTAL						5,649
SUPV, INSP & OVERHEAD (5.70%)						<u>322</u>
TOTAL REQUEST						5,971
TOTAL REQUEST (ROUNDED)						6,000
INSTALLED EQT-OTHER APPROP						( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct an ammunition surveillance facility to include six inspection bays, four storage cubicles, two test cubicles, and bay support area. Project includes office area, break room, and tool room. Special features include overhead bay doors, jib and bridge cranes, compressed air system, and sprinkler deluge system. Work also includes replacing the doors and repairing access ramps to underground storage igloos. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; lightning protection; fire protection and alarm systems; parking, walks, curbs and gutters; loading apron; storm drainage; fuel tank, pad and berm; information systems; and site improvements. Access for the handicapped will be provided. Heating and air conditioning (2.5 tons) will be provided by self-contained units.						
11. REQ:                      1,846 m2    ADQT:                      NONE                      SUBSTD:                      616 m2 PROJECT: Construct an ammunition surveillance facility and repair doors and access ramps to underground storage igloos. (Current Mission)						

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Blue Grass Army Depot, Kentucky		
4. PROJECT TITLE	5. PROJECT NUMBER	
Ammunition Surveillance Facility	8986	
<u>9. COST ESTIMATES (CONTINUED)</u>		
Item	UM (M/E)	QUANTITY
		Unit COST
		Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>		
IDS Installation	LS	--
Building Information Systems	LS	--
		(10)
		(4)
	Total	14
<u>REQUIREMENT:</u> This project is required to provide an adequate ammunition surveillance facility with secure storage areas, adequate explosive safety provisions and sufficient space to meet increased inspection requirements imposed by the Ammunition Tiering Program and the Army Strategic Mobility Program (ASMP). These programs require the rapid deployment of ammunition. The increased shipping requirements make it necessary to modernize the underground storage igloos.		
<u>CURRENT SITUATION:</u> The facility currently utilized for ammunition surveillance was built in 1943. This structure does not provide essential explosive safety features, such as blow-out panels or substantial blast walls, and must operate under stringent quantity constraints and explosive safety waivers. The facility does not meet security requirements for overnight storage of explosives, so that work in progress must be repacked and returned to secure storage igloos overnight. This process wastes a significant portion of each workday hauling items to and from igloos and unpacking/repacking items being inspected. In addition, the current facility lacks space to properly utilize many of the large items of surveillance and materiel handling equipment required to accomplish this function. The current igloos are equipped with single narrow doors that greatly reduce access for over-sized ammunition items. The door configuration requires that large items be handled from the side rather than the center of gravity. This practice puts material handling personnel at risk for injury and causes damage to the materials being handled.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, this Depot will not be able to increase ammunition shipping operations consistent with ASMP requirements. Ammunition delivery delays could prevent a timely departure of elements of the Rapid Deployment Force, or leave deployed elements critically short of ammunition.		
<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. Alternate methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate.		

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Blue Grass Army Depot, Kentucky		
4.PROJECT TITLE  Ammunition Surveillance Facility	5.PROJECT NUMBER  8986	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>FEB 1998</u>
(b) Percent Complete As Of January 1999.....	<u>15.00</u>
(c) Date 35% Designed.....	<u>APR 1999</u>
(d) Date Design Complete.....	<u>SEP 1999</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>

(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>436</u>
(c) Total Design Cost.....	<u>786</u>
(d) Contract.....	<u>600</u>
(e) In-house.....	<u>186</u>

(4) Construction Start..... JAN 2000

(5) Construction Completion..... JUN 2001

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

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

Installation Engineer: Ms. Bille Haslatt

Phone Number: 606 629-6326



1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Blue Grass Army Depot Kentucky			4.PROJECT TITLE Ammunition Demilitarization Fac Ph I		
5.PROGRAM ELEMENT  78007A	6.CATEGORY CODE  216	7.PROJECT NUMBER  21994	8.PROJECT COST (\$000) Auth                      195,800 Approp                    11,800		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					141,715
Munition Demil Building	m2 (SF)	7,661 ( 82,466)		11,947	(91,527)
Process & Utility Building	m2 (SF)	1,877 ( 20,200)		5,112	(9,593)
Container Handling Building	m2 (SF)	3,465 ( 37,300)		4,198	(14,546)
Corridor	m2 (SF)	603.87 ( 6,500)		4,198	(2,535)
Process Support Building	m2 (SF)	1,186 ( 12,767)		3,089	(3,664)
Total from Continuation page					(19,850)
<u>SUPPORTING FACILITIES</u>					34,705
Electric Service	LS	--		--	(16,275)
Water, Sewer, Gas	LS	--		--	(5,836)
Paving, Walks, Curbs & Gutters	LS	--		--	(5,820)
Storm Drainage	LS	--		--	(1,140)
Site Imp( 4,897) Demo(            )	LS	--		--	(4,897)
Information Systems	LS	--		--	(737)
ESTIMATED CONTRACT COST					176,420
CONTINGENCY PERCENT (5.00%)					<u>8,821</u>
SUBTOTAL					185,241
SUPV, INSP & OVERHEAD (5.70%)					<u>10,559</u>
TOTAL REQUEST					195,800
TOTAL REQUEST (ROUNDED)					195,800
INSTALLED EQT-OTHER APPROP					(109,407)
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 I (\$11.8 million). Increment II (Project Number (PN) 40845, \$51.0 million) is planned for FY 2001, Increment III (PN 47847, \$91.1 million) is planned for FY 2002, Increment IV (PN 50552, \$30.7 million) is planned for FY 2003, and Increment V (PN 51027, \$11.2 million) is planned for FY 2004. This project, at full funding and authorization, will result in the construction of a site-adapted toxic chemical munitions demilitarization (Demil) facility for processing lethal chemical munitions presently stored at Blue Grass Army Depot. Work includes a munitions demilitarization building (MDB) with blast containment area connected by an enclosed corridor to a munitions container handling building; a process utilities building with bulk chemical storage, brine reduction facilities, and a boiler room; a personnel and maintenance facility 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					

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Blue Grass Army Depot, Kentucky		
4.PROJECT TITLE  Ammunition Demilitarization Fac Ph I		5.PROJECT NUMBER  21994

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)	3,415	(5,928)
Entry Control Facility	m2 (SF)	115.48 ( 1,243)	12,941	(1,494)
Laboratory	m2 (SF)	780.39 ( 8,400)	9,096	(7,098)
Treaty Compliance Facility	m2 (SF)	281.68 ( 3,032)	6,185	(1,742)
Warehouse	m2 (SF)	2,601 ( 28,000)	873.71	(2,273)
IDS Installation	LS	--	--	(519)
Building Information Systems	LS	--	--	(796)
			Total	19,850

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

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 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 (500 tons) will be provided by self-contained units.

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11. REQ:                    20,307 m2    ADQT:                    NONE                    SUBSTD:                    NONE

PROJECT: Construct a toxic chemical agent munitions demilitarization facility. (New Mission)

REQUIREMENT: This project is required to demilitarize and dispose of the toxic chemical agents and munitions stored at Blue Grass Army Depot in a safe, environmentally acceptable manner. The Army submitted an implementation plan to Congress in March 1988 in response to a specific request which cites this facility as an integral and essential part of the chemical stockpile disposal program.

CURRENT SITUATION: Rockets and projectiles containing lethal chemical agents are stored in igloos at the installation. Some of these munitions are currently deteriorating at an accelerated rate. These munitions are of no strategic value but they must be safely stored and inspected so 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 comply with the Congressional mandate for chemical munitions stockpile disposal. Also, maintenance and surveillance costs will continue to accumulate. The threat to the health of Depot employees and to the environment will continue.

ADDITIONAL: This project has been coordinated with the installation physical

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Blue Grass Army Depot, Kentucky		
4. PROJECT TITLE		5. PROJECT NUMBER
Ammunition Demilitarization Fac Ph I		21994
ADDITIONAL:    (CONTINUED) security plan, and all required physical security measures are included. Also, no anti-terrorism/force protection measures are required.		
12. <u>SUPPLEMENTAL DATA:</u>		
A.    Estimated Design Data:		
(1)    Status:		
(a)    Date Design Started..... <u>OCT 1990</u> (b)    Percent Complete As Of January 1999..... <u>100.00</u> (c)    Date 35% Designed..... <u>FEB 1991</u> (d)    Date Design Complete..... <u>SEP 1996</u> (e)    Parametric Cost Estimating Used to Develop Costs <u>NO</u>		
(2)    Basis:		
(a)    Standard or Definitive Design:    YES (b)    Where Most Recently Used: Anniston Army Depot		
(3)    Total Design Cost (c) = (a)+(b) OR (d)+(e):    (\$000)		
(a)    Production of Plans and Specifications..... <u>6,528</u> (b)    All Other Design Costs..... <u>3,009</u> (c)    Total Design Cost..... <u>9,537</u> (d)    Contract..... <u>6,528</u> (e)    In-house..... <u>3,009</u>		
(4)    Construction Start..... <u>APR 2000</u>		
(5)    Construction Completion..... <u>JUN 2003</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 Or Requested    (\$000)
Process Equipment	CAMDD	1995    125
Process Equipment	CAMDD	2000    74,946
Process Equipment	CAMDD	2001    19,260
Carbon Filtration System	CAMDD	2001    13,818
IDS Equipment	OPA	1997    901
Info Sys - ISC	OPA	2000    291
Info Sys - PROP	OPA	2000    66
	TOTAL	109,407

1.COMPONENT	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2.DATE
ARMY			08 FEB 1999
3.INSTALLATION AND LOCATION			
Blue Grass Army Depot, Kentucky			
4.PROJECT TITLE		5.PROJECT NUMBER	
Ammunition Demilitarization Fac Ph I		21994	
<p style="text-align: center;">Installation Engineer: Joe Elliott  Phone Number: (606) 625-6021</p>			

1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE	
ARMY				08 FEB 1999	
3.INSTALLATION AND LOCATION			4.PROJECT TITLE		
Blue Grass Army Depot Kentucky			Ammunition Demilitarization Support		
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST (\$000)		
78007A	216	33927	Auth                    11,000 Approp                11,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Vehicle Mnt/Refuel Area	m2 (SF)	1,589 ( 17,100)	894.16	7,376 (1,420)	
Chemical Support Building	m2 (SF)	809.19 ( 8,710)	2,406	(1,947)	
Access Control Facilities	m2 (SF)	41.81 ( 450)	2,780	(116)	
Expand Security Control Buildin	m2 (SF)	131.55 ( 1,416)	3,333	(438)	
Access Road	m2 (SY)	20,569 ( 24,600)	42.45	(873)	
Total from Continuation page				(2,582)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	2,535 (474)	
Water, Sewer, & Gas	LS	--	--	(275)	
Paving, Walks, Curbs & Gutters	LS	--	--	(306)	
Storm Drainage	LS	--	--	(36)	
Site Imp( 1,260) Demo( )	LS	--	--	(1,260)	
Information Systems	LS	--	--	(171)	
Security Barricades/Controls	LS	--	--	(13)	
ESTIMATED CONTRACT COST				9,911	
CONTINGENCY PERCENT (5.00%)				496	
SUBTOTAL				10,407	
SUPV, INSP & OVERHEAD (5.70%)				593	
TOTAL REQUEST				11,000	
TOTAL REQUEST (ROUNDED)				11,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      Construct and expand facilities to support the Chemical Stockpile Disposal Program (CSDP). Construct chemical support buildings for a laundry, employee change area, showers, break area, equipment issue, protective clothing inspection and testing, and restroom; access control facility; and a vehicle maintenance and refueling area for transport vehicles and operational equipment, refueling of transport vehicles, battery recharge for operating equipment, and covered overnight parking. Expand the existing security control building within the restricted area. Construct an access road and widen/improve interior roads of the storage area. Supporting facilities include extending utilities that support the demilitarization plant to the support buildings; paving; fire protection and alarm systems; security fencing, gates, and barricades; parking; storm drainage; information systems; and site improvements. Heating will be provided by a self-contained, gas-fired boiler. Air conditioning (40 tons) will be provided by a self-contained system. Mechanical ventilation in the chemical support building will be provided. Supporting costs are high due to the remote location which requires lengthy utility runs.					
11. REQ:                    2,571 m2    ADQT:                    NONE                    SUBSTD:                    NONE					
PROJECT: Construct and improve support facilities, utilities, and roads for					

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Blue Grass Army Depot, Kentucky		
4.PROJECT TITLE  Ammunition Demilitarization Support	5.PROJECT NUMBER  33927	

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Widen Roads - Storage Area	m2 (SY)	30,351 ( 36,300)	49.68	(1,508)
Upgrade Roads - Storage Area	m2 (SY)	60,703 ( 72,600)	16.77	(1,018)
Building Information Systems	LS	--	--	(56)
			Total	2,582

PROJECT: (CONTINUED)  
the Chemical Stockpile Disposal Program. (New Mission)  
REQUIREMENT: This project is required to support the demilitarization and disposal of the toxic chemical agents and munitions stored at Blue Grass Army Depot. Congress has mandated the disposal of the existing unitary chemical stockpile, to ensure that the CSDP can be implemented and completed within the Congressionally established timeframe.  
CURRENT SITUATION: Currently, no facilities at Blue Grass are capable of supporting the operations of the Chemical Stockpile Disposal Facility.  
IMPACT IF NOT PROVIDED: If this project is not provided, the installation will be unable to support or sustain the demilitarization of the toxic agents stored there. Congressionally mandated timeframes for the disposal of these agents will not be met.  
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>NOV 1991</u>
(b) Percent Complete As Of January 1999.....	<u>100.00</u>
(c) Date 35% Designed.....	<u>AUG 1992</u>
(d) Date Design Complete.....	<u>DEC 1996</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>NO</u>

(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>450</u>
(b) All Other Design Costs.....	<u>300</u>
(c) Total Design Cost.....	<u>750</u>
(d) Contract.....	<u>      </u>
(e) In-house.....	<u>750</u>

1. COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2. DATE  08 FEB 1999								
3. INSTALLATION AND LOCATION  Blue Grass Army Depot, Kentucky										
4. PROJECT TITLE  Ammunition Demilitarization Support		5. PROJECT NUMBER  33927								
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued)  (4) Construction Start..... <u>FEB 2000</u>  (5) Construction Completion..... <u>FEB 2001</u>  B. Equipment associated with this project which will be provided from other appropriations:  <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>			<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										
Installation Engineer: Joe Elliott Phone Number: (606) 625-6021										

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Campbell Kentucky	4. COMMAND  US Army Forces Command	5. AREA CONSTRUCTION COST INDEX  1.02

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	2932	20270	2169	4	134	0	23	157	3338	29,027
B. END FY 2005	2928	20338	1916	8	134	0	23	157	3338	28,842

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	42,520 ha (105,070 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	818,986
C. AUTHORIZATION NOT YET IN INVENTORY.....	264,641
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	41,700
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	45,900
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	125,306
H. GRAND TOTAL.....	1,253,733

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS	
	CODE NUMBER			START	COMPLETE
	179 10663	MOUT Training Complex	14,400	10/1998	09/1999
	111 50407	Sabre Heliport Improvements	16,500	02/1999	09/1999
	721 51665	Whole Barracks Complex Renewal Ph II	4,800	01/1998	09/1999
	740 51687	Physical Fitness Training Center	6,000	02/1998	09/1999
TOTAL			41,700		

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. REQUESTED IN THE FY 2001 PROGRAM:		
	721	Whole Barracks Complex Renewal 45,900
TOTAL		45,900
B. PLANNED NEXT FOUR 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 control, and prepare designated units to rapidly deploy worldwide for the performance of combat, combat support, and combat service support missions as assigned.





1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky			4.PROJECT TITLE MOUT Training Complex		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  179	7.PROJECT NUMBER  10663	8.PROJECT COST (\$000) Auth                      14,400 Approp                    2,150		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				9,715	
Training Complex	LS	--	--	(6,574)	
AAR Facility	LS	--	--	(297)	
Water well w/pump	EA	1 --	81,975	(82)	
UG CTF Strom Sewers	LS	--	--	(137)	
Training Complex Roads/Prkg	LS	--	--	(124)	
Total from Continuation page				(2,501)	
<u>SUPPORTING FACILITIES</u>				3,262	
Electric Service	LS	--	--	(584)	
Water, Sewer, Gas	LS	--	--	(1,378)	
Paving, Walks, Curbs & Gutters	LS	--	--	(381)	
Storm Drainage	LS	--	--	(348)	
Site Imp(    338) Demo(           )	LS	--	--	(338)	
Information Systems	LS	--	--	(233)	
ESTIMATED CONTRACT COST				12,977	
CONTINGENCY PERCENT (5.00%)				649	
SUBTOTAL				13,626	
SUPV, INSP & OVERHEAD (5.70%)				777	
TOTAL REQUEST				14,403	
TOTAL REQUEST (ROUNDED)				14,400	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a military operations on urbanized terrain (MOUT) Collective Training Facility (CTF) in accordance with current US Army standards. The CTF is a company/battalion task force training facility. The company CTF consists of an urban complex with intact buildings (including a latrine), rubble buildings, road and parking surfaces, an underground sewer system, a storm drainage system in the CTF area that will be connected to a drainage channel with a bridge, a remote After Action Review Facility, paved streets and supporting features. Installation of an intrusion detection system (IDS) is required. Unique targeting control and scoring systems will be provided. In addition to the MOUT buildings, primary facilities include the support buildings, covered mess, vehicular maintenance and staging area. Supporting facilities include all construction outside the perimeter and consists of extending electrical service, security lighting, erosion control, latrine, fencing, gates, parking, extension of potable water and sewer service, and access road improvements.					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Fort Campbell, Kentucky		
4. PROJECT TITLE	5. PROJECT NUMBER	
MOUT Training Complex	10663	
<u>9. COST ESTIMATES (CONTINUED)</u>		
Item	UM (M/E)	QUANTITY
		Unit COST
		Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>		
IDS Installation	LS	--
Field Range latrines	m2 (SF)	37.16 ( 400)
Targetry	LS	--
Building Information Systems	LS	--
		Total
		(16) (36) (2,398) (51) 2,501
<u>11. REQ:</u> 1 EA <u>ADQT:</u> NONE <u>SUBSTD:</u> NONE <u>PROJECT:</u> Construct a military operations on urbanized terrain training complex. (Current Mission) <u>REQUIREMENT:</u> This complex integrates all major urban challenges into a training complex. This project is required to provide facilities for training units of the 101st Airborne Division (Air Assault), 160th SOAR, 5th Special Forces, Reserves and National Guard with a new type of training environment, meeting the lessons learned from recent combat deployment within threat and urban areas. This complex supports unit training and provides scenarios ranging from urban unrest, operations other than war (OTW), to multi-threat and mid intensity close in combat. This facility presents a diversity of cultural settings and includes all primary elements of a common urban area. As more and more of the world becomes urban in nature, the need for members and units of the division to become proficient in military operations in urban areas and to sustain this proficiency are critical. A facility of this type is necessary for individual and small unit training, since MOUT operations are characterized by semi-independent action by small units to accomplish the methodical clearance and security of assigned zones. <u>CURRENT SITUATION:</u> At present, there are no existing facilities on this installation for troops to acquire and maintain the proficiency required in MOUT operations. <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, it will be difficult for the Division to obtain and sustain the necessary combat proficiency required to win in an urban environment. This proficiency can be achieved and sustained by training in a facility that provides realistic training under simulated combat conditions. <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. A parametric cost estimate based on project engineering was used to develop this budget estimate.		

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Campbell, Kentucky		
4.PROJECT TITLE  MOU Training Complex	5.PROJECT NUMBER  10663	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	OCT 1998
(b) Percent Complete As Of January 1999.....	5.00
(c) Date 35% Designed.....	MAY 1999
(d) Date Design Complete.....	SEP 1999
(e) Parametric Cost Estimating Used to Develop Costs	NO

(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.....	720
(b) All Other Design Costs.....	432
(c) Total Design Cost.....	1,152
(d) Contract.....	864
(e) In-house.....	288

(4) Construction Start..... JAN 2000

(5) Construction Completion..... JUN 2001

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 James DeLony, EN

Phone Number: 502 798-8980

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky			4.PROJECT TITLE Sabre Heliport Improvements		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  111	7.PROJECT NUMBER  50407	8.PROJECT COST (\$000) Auth                      16,500 Approp                    2,475		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				12,343	
Helicopter Runway	m2 (SY)	41,806 ( 50,000)	98.48	(4,117)	
Parallel Taxiway	m2 (SY)	20,999 ( 25,115)	116.11	(2,438)	
VFR Helipad	m2 (SY)	928.94 ( 1,111)	127.10	(118)	
Apron Expansion	m2 (SY)	50,168 ( 60,000)	81.57	(4,092)	
Land Acquisition	LS	--	--	(1,578)	
<u>SUPPORTING FACILITIES</u>				2,477	
Electric Service	LS	--	--	(193)	
Storm Drainage	LS	--	--	(224)	
Site Imp( 1,696) Demo(            )	LS	--	--	(1,696)	
Antiterrorism Force Protection	LS	--	--	(364)	
ESTIMATED CONTRACT COST				14,820	
CONTINGENCY PERCENT (5.00%)				741	
SUBTOTAL				15,561	
SUPV, INSP & OVERHEAD (5.70%)				887	
TOTAL REQUEST				16,448	
TOTAL REQUEST (ROUNDED)				16,500	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Expand Sabre Heliport to include construction of a new helicopter runway, replacement of the existing helicopter runway, construction of a refueling helipad, and expansion of the existing aprons. This work will include installation of the operational lighting and provide for the purchase of additional land (130 acres) southeast of the airfield for the associated approach traffic pattern. Supporting facilities include the alteration of existing drainage patterns and the addition of storm drainage structures. In addition, the incoming electrical distribution line would be upgraded and service would be extended to the new runway lighting system. Physical security measures including a perimeter surveillance road and perimeter security fencing will be incorporated into the design.					
11. REQ:                      207,626 m2    ADQT:                      134,418 m2    SUBSTD:                      NONE					
PROJECT: Construct runway and helipad improvements at Sabre Heliport. (Current Mission)					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Campbell, Kentucky		
4.PROJECT TITLE  Sabre Heliport Improvements		5.PROJECT NUMBER  50407
<p><u>REQUIREMENT:</u> This project is required to provide adequate heliport facilities at the Sabre Heliport on Fort Campbell, Kentucky. This project is required to provide runways, taxiways, helipads, and aprons that are sufficient to support the assigned aircraft and increased air traffic assigned to this heliport. The aircraft assigned to this facility are mainly UH-60s. The number of Instrument Flight Rules (IFR) flights and Visual Flight Rules (VFR) flights in the last 12 months are 3,205 and 71,218 respectively for a total of 74,423 fights. The acquisition of 130 acres of land is also required to sustain low altitude mission essential flights.</p> <p><u>CURRENT SITUATION:</u> Sabre Heliport was originally constructed in 1976 as a limited use VFR tactical helicopter facility. There are currently three assault battalions and an aviation intermediate (AVIM) unit assigned to Sabre Heliport. In addition, the 160th Special Aviation Operations Regiment performs required training for their OH6 aircraft at Sabre. Additional airfield facilities at Fort Campbell do not have the capacity to accommodate these missions. These operations require that Sabre Heliport operate as a Non-Precision IFR helicopter runway. While supporting these units, this heliport has evolved into a heavily used facility that has outgrown its existing facilities and continues to operate under a temporary waiver issued by the US Army Aeronautical Services Agency, which expires April 2001. This waiver was granted April 1996. IFR flights cannot occur without this waiver. There would only be VFR flights for light helicopters, which would exclude Apache, Blackhawk, Chinook helicopters. After April 2001, the airfield will be restricted to OH-58, OH-6, and UH-1 helicopters only. Existing surface structures do not meet established safety and operational criteria standards. Deficiencies include inadequate runway width, lack of VFR and IFR runway lateral clearance, excessive grades within the primary surface area, inadequate separation distance between the IFR runway centerline and ramp apron, and the lack of IFR helipad and runway lighting. These deficiencies increase the risk of accident or failure, decrease the operational efficiency, and limit the ability of Division aviation units to perform the necessary training mission. This project will correct all the deficiencies.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, Sabre Heliport will have to request an extension of the current waiver and continue to operate under diminished conditions. If an extension is required and not granted, the Sabre Heliport would no longer be allowed to operate under IFR (instrument flight rules) and would be required to operate under VFR (visual flight rules). Operation under VFR rules would not effectively support the operation and training mission of aircraft in use today. Reassignment of the impacted aircraft to the other airfield facilities at Fort Campbell is not possible because they lack the capacity required to support these aircraft. Without the acquisition of the 130 acres of land, low altitude mission essential flights would be seriously impaired. The ability to perform effective aircraft operations and the necessary training will be negatively impacted. The risk of a potential accident or failure will remain high.</p>		

1.COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Campbell, Kentucky		
4.PROJECT TITLE  Sabre Heliport Improvements		5.PROJECT NUMBER  50407
<p>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. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. A parametric cost estimate was used to develop this budget estimate.</p>		
<p>Installation Engineer: COL James DeLony, EN Phone Number: 502 798-8980</p>		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Campbell Kentucky			4.PROJECT TITLE Whole Barracks Complex Renewal Ph II		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  721	7.PROJECT NUMBER  51665	8.PROJECT COST (\$000) Auth Approp      4,800		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Barracks	m2 (SF)	10,197 ( 109,759)	1,383	32,193 (14,100)	
Soldier Community Building	m2 (SF)	1,371 ( 14,757)	1,406	(1,927)	
Company Operations Facilities	m2 (SF)	6,816 ( 73,365)	1,389	(9,469)	
Battalion Headquarters	m2 (SF)	3,981 ( 42,852)	1,409	(5,609)	
IDS Installation	LS	--	--	(45)	
Total from Continuation page				(1,043)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	2,904 (268)	
Water, Sewer, Gas	LS	--	--	(125)	
Paving, Walks, Curbs & Gutters	LS	--	--	(894)	
Storm Drainage	LS	--	--	(730)	
Site Imp( 821) Demo( )	LS	--	--	(821)	
Information Systems	LS	--	--	(66)	
ESTIMATED CONTRACT COST				35,097	
CONTINGENCY PERCENT (5.00%)				1,755	
SUBTOTAL				36,852	
SUPV, INSP & OVERHEAD (5.70%)				2,101	
TOTAL REQUEST				38,953	
TOTAL REQUEST (ROUNDED)				39,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. In FY 99, Congress authorized \$32 million and appropriated \$7 million. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. This project completes the remaining facilities in the Congressionally Added FY 99 Whole Barracks Complex Renewal, which includes a barracks building and the associated soldier community facility, three large battalion headquarters and nine small company operations facilities. Barracks include living/sleeping rooms, semi-private baths, and walk-in closets. Soldier community buildings includes dayrooms, television rooms, storage, and laundry facilities. Install an intrusion detection system (IDS). Connect to the energy monitoring and control systems (EMCS). Anti-terrorist/force protection measures include the use of reflective fragment retention film on windows and 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 in administrative areas. Heating will be provided by gas-fired units and air conditioning (570 tons) by self-contained units. Comprehensive interior design services will be provided					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																														
ARMY		08 FEB 1999																														
3. INSTALLATION AND LOCATION																																
Fort Campbell, Kentucky																																
4. PROJECT TITLE	5. PROJECT NUMBER																															
Whole Barracks Complex Renewal Ph II	51665																															
<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: left;">Unit COST</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>EMCS Connection</td> <td>LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(140)</td> </tr> <tr> <td>Antiterrorism Force Protection</td> <td>LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(200)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(703)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">1,043</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					EMCS Connection	LS	--	--	(140)	Antiterrorism Force Protection	LS	--	--	(200)	Building Information Systems	LS	--	--	(703)				Total	1,043
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																												
<u>PRIMARY FACILITY (CONTINUED)</u>																																
EMCS Connection	LS	--	--	(140)																												
Antiterrorism Force Protection	LS	--	--	(200)																												
Building Information Systems	LS	--	--	(703)																												
			Total	1,043																												
<u>11. REQ:</u> 7,129 PN <u>ADQT:</u> 4,271 PN <u>SUBSTD:</u> 2,858 PN <u>PROJECT:</u> Construct a standard-design barracks and company operations complex. (Current Mission) <u>REQUIREMENT:</u> This project is required to provide barracks, company operations, and soldier community facilities. Maximum utilization is 336 spaces, intended utilization is 280 E1-E4 and 28 E5-E6. <u>CURRENT SITUATION:</u> Soldiers are living in inadequate Korean War-era barracks that do not provide the minimum net square footage required by current Army standards. Fort Campbell has no soldiers presently housed at the current barracks standards. Thirty-two of 40 battalions are in inadequate barracks. These barracks have gang latrines, deteriorating heating and cooling systems, and undersized sewage drains that overflow into showers, hallways, and living quarters. <u>IMPACT IF NOT PROVIDED:</u> 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 security, privacy and comfort. <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. A parametric cost estimate based on a project engineering was used to develop this budget estimate. During the past two years, \$5.7 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Campbell. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 2,522 personnel at this installation.																																
<u>12. SUPPLEMENTAL DATA:</u> A. Estimated Design Data: (1) Status: (a) Date Design Started..... <u>JAN 1998</u> (b) Percent Complete As Of January 1999..... <u>35.00</u> (c) Date 35% Designed..... <u>JAN 1999</u>																																

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Campbell, Kentucky		
4.PROJECT TITLE  Whole Barracks Complex Renewal Ph II	5.PROJECT NUMBER  51665	

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Date Design Complete..... SEP 1999

(e) Parametric Cost Estimating Used to Develop Costs NO

(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..... 1,500

(b) All Other Design Costs..... 300

(c) Total Design Cost..... 1,800

(d) Contract..... \_\_\_\_\_

(e) In-house..... 1,800

(4) Construction Start..... JAN 2000

(5) Construction Completion..... DEC 2001

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 James DeLony, EN

Phone Number: 502 798-8980

1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE
ARMY				08 FEB 1999
3.INSTALLATION AND LOCATION			4.PROJECT TITLE	
Fort Campbell Kentucky			Physical Fitness Training Center	
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST (\$000)	
22696A	740	51687	Auth                      6,000 Approp                    900	
9.COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				
Physical Fitness Center	m2 (SF)	3,480 (    37,458)	1,351	4,873 (4,701)
Antiterrorism Force Protection	LS	--	--	(74)
Building Information Systems	LS	--	--	(98)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	510 (39)
Water, Sewer, Gas	LS	--	--	(17)
Paving, Walks, Curbs & Gutters	LS	--	--	(317)
Storm Drainage	LS	--	--	(52)
Site Imp(      59) Demo(      )	LS	--	--	(59)
Information Systems	LS	--	--	(26)
ESTIMATED CONTRACT COST				5,383
CONTINGENCY PERCENT (5.00%)				269
SUBTOTAL				5,652
SUPV, INSP & OVERHEAD (5.70%)				322
TOTAL REQUEST				5,974
TOTAL REQUEST (ROUNDED)				6,000
INSTALLED EQT-OTHER APPROP				(0)
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard design physical fitness facility. This facility will contain a gymnasium, four racquetball courts, weight rooms, men's and women's locker rooms, equipment storage, administrative space, laundry room, vending area, and an equipment issue room. Connect to existing energy monitoring and control system (EMCS). Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating and air conditioning (80 tons) will be provided by a self-contained unit. Anti-terrorism/force protection measures include shatter resistant windows and reinforced concrete/concrete masonry for exterior walls. Comprehensive interior design services will be provided.				
11. REQ:                      1,745 m2    ADQT:                      1,084 m2    SUBSTD:                      186 m2				
PROJECT: Construct a standard-design physical fitness center. (Current Mission)				

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Campbell, Kentucky		
4.PROJECT TITLE  Physical Fitness Training Center	5.PROJECT NUMBER  51687	
<p><u>REQUIREMENT:</u>    This project is required to provide a consolidated physical fitness facility for approximately 22,864 military personnel and their families. This facility would provide the area and equipment necessary to maintain required fitness levels for active duty personnel, as well as provide facilities for recreational use. These facilities will also increase the quality of life for military dependents.</p> <p><u>CURRENT SITUATION:</u>    The existing physical fitness facilities at Fort Campbell are overcrowded and deteriorating. Currently Fort Campbell has a deficit of gymnasium space and the existing facilities have inadequate equipment storage areas and locker room facilities. In addition, the currently overcrowded facilities are not easily accessed from the new Aviation Brigade Barracks Complex or the proposed DISCOM Barracks Complex. The proposed facility would provide up-to-date facilities that would be easily accessible to these new barracks complexes.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, Fort Campbell will continue to suffer from a shortfall of adequate physical fitness facilities. This situation will adversely impact physical fitness training and conditioning. In addition, soldiers housed in the new barracks complex areas will be required to find transportation to the already overcrowded existing facilities. Active duty personnel and their dependents will be deprived of the use of these facilities for recreational use.</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. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. A parametric cost estimate was used to develop this budget estimate.</p>		
<p>12.    <u>SUPPLEMENTAL DATA:</u></p> <p style="margin-left: 40px;">A.    Estimated Design Data:</p> <p style="margin-left: 80px;">(1)    Status:</p> <p style="margin-left: 120px;">(a)    Date Design Started.....    <u>FEB 1999</u></p> <p style="margin-left: 120px;">(b)    Percent Complete As Of January 1999.....    <u>.00</u></p> <p style="margin-left: 120px;">(c)    Date 35% Designed.....    <u>APR 1999</u></p> <p style="margin-left: 120px;">(d)    Date Design Complete.....    <u>SEP 1999</u></p> <p style="margin-left: 120px;">(e)    Parametric Cost Estimating Used to Develop Costs    <u>YES</u></p> <p style="margin-left: 80px;">(2)    Basis:</p> <p style="margin-left: 120px;">(a)    Standard or Definitive Design:    YES</p> <p style="margin-left: 120px;">(b)    Where Most Recently Used:</p> <p style="margin-left: 160px;">Fort Detrick</p> <p style="margin-left: 80px;">(3)    Total Design Cost (c) = (a)+(b) OR (d)+(e):    (\$000)</p> <p style="margin-left: 120px;">(a)    Production of Plans and Specifications.....    <u>350</u></p>		

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE												
ARMY		08 FEB 1999												
3. INSTALLATION AND LOCATION														
Fort Campbell, Kentucky														
4. PROJECT TITLE		5. PROJECT NUMBER												
Physical Fitness Training Center		51687												
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 20px;">A. Estimated Design Data: (Continued)</p> <div style="margin-left: 40px;"> (b) All Other Design Costs..... <u>150</u>  (c) Total Design Cost..... <u>500</u>  (d) Contract.....  (e) In-house..... <u>500</u> </div> <div style="margin-left: 40px; margin-top: 10px;"> (4) Construction Start..... <u>JAN 2000</u>  (5) Construction Completion..... <u>JUN 2001</u> </div> <p style="margin-left: 20px; margin-top: 20px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-left: 40px; border: none;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>Fiscal Year</u></th> <th style="text-align: left;"><u>Cost</u></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Appropriation</u></th> <th style="text-align: left;"><u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left;"><u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NONE</td> </tr> </tbody> </table>			<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			
<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 James DeLony, EN Phone Number: 502 798-8980														

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Fort Knox Kentucky		4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  1.01	

6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1998	1142	6374	3189	391	4506	0	53	2031	2961	20,647	
B. END FY 2005	1119	6285	2551	388	5787	0	52	2035	2965	21,182	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	44,203 ha (109,228 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	474,719
C. AUTHORIZATION NOT YET IN INVENTORY.....	125,613
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	2,400
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	42,103
H. GRAND TOTAL.....	658,435

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY PROJECT		COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
178	51681	Multi-purpose Digital Training Range Ph II	2,400	10/1998	06/1999
TOTAL			2,400		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
Fort Knox houses the following: Headquarters Fort Knox, USA Armor School, 1st and 4th Training Brigades, USAARMC Headquarters Commandant/Commander of Troops, 12th Cavalry Regiment, 194th Armored Task Force, Fort Knox MEDDAC, Fort Knox DENTAC, 46th AG Battalion(Reception), US Army Research Institute, Armor Research and Development Activity, U.S. Army Second ROTC Region, U.S. Army ROTC Cadet Command, USA Readiness Group Knox, Training Group, U.S. Army Information System Command, Logistical Assistance and Protection of Gold Depository, Det 5, 5th Weather Squadron (USAF), USA NCO Academy/Drill Sergeant School, U.S. Army Legal Services Agency, AMC Logistic Assistance Office - Fort Knox, Fort Knox District, Third Region, USACIDC, TRADOC Management Engineering Agency, U.S. Army TMDE Support Operation, Summer Training, Reserve and National Guard Training Support, Support of Civilian Components.



1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Knox Kentucky			4.PROJECT TITLE Multi-purpose Digital Training Range Ph II		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  178	7.PROJECT NUMBER  51681	8.PROJECT COST (\$000) Auth Approp      2,400		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				19,264	
Multi-Purp Dig Tng Rng	LS	--	--	(18,866)	
Erosion Control	LS	--	--	(390)	
IDS Installation	LS	--	--	(8)	
<u>SUPPORTING FACILITIES</u>				1,720	
Electric Service	LS	--	--	(459)	
Water, Sewer, Gas	LS	--	--	(553)	
Paving, Walks, Curbs & Gutters	LS	--	--	(590)	
Site Imp( 111) Demo( 8)	LS	--	--	(118)	
ESTIMATED CONTRACT COST				20,984	
CONTINGENCY PERCENT (5.00%)				1,049	
SUBTOTAL				22,033	
SUPV, INSP & OVERHEAD (5.70%)				1,256	
TOTAL REQUEST				23,289	
TOTAL REQUEST (ROUNDED)				23,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is an incrementally funded project to modernize and upgrade Wilcox Tank Range. In FY 99, Congress authorized \$23 million and appropriated \$7 million (Project Number 45236) for Phase I. The Army plans to award this project using a single construction contract and requests advance appropriation for the remaining amount. Modernize and upgrade Wilcox Tank Range to a multi-purpose digital training Range (MPDTR) with one lane (two firing trails). Primary facilities include all construction within the perimeter of the range complex and consist of 60 stationary and six armor moving targets, 100 stationary and 25 moving infantry targets, 25 infantry hostile fire simulators, six defilade positions, control and After Action Review building, restroom, ammunition breakdown building, bleacher enclosure, ammunition dock, covered mess, vehicle storage and maintenance area, vehicle staging area, electrical and data distribution system, control systems and instrumentation, tank trails, target maintenance roads, limit markers, flagpole with beacon, storm drainage, erosion control, waste oil storage, oil and water separator, and fire protection system. Install an intrusion detection system (IDS). Heating and air conditioning (12 tons) for the control and AAR building will be provided by self-contained systems. Mechanical ventilation: 4,000 CFM. Supporting facilities include primary electrical service; secondary electrical service, security lighting, parking, access road					



1.COMPONENT		2.DATE	
ARMY		08 FEB 1999	
3.INSTALLATION AND LOCATION			
Fort Knox, Kentucky			
4.PROJECT TITLE		5.PROJECT NUMBER	
Multi-purpose Digital Training Range Ph II		51681	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u> (CONTINUED)</p> <p>improvements, water distribution lines, security fencing, range gates, information systems, site improvements. Demolish two buildings (33 m2) within the footprint of this project.</p>			
<p>11. REQ: 1 EA ADQT: NONE SUBSTD: NONE</p> <p>PROJECT: Modernize and upgrade Wilcox Tank Range to a new standard-design Multi-Purpose Digital Training Range (MPDTR). (Current Mission)</p> <p>REQUIREMENT: This project is required to provide modern training capabilities supporting known gunnery tasks for the Armor School and non-resident Active Duty, Reserve and National Guard Forces employing state-of-the-art primary weapons systems. The range will support modern tank, M1A2 SEP Abrams series armor vehicle, Bradley and helicopter crew qualification gunnery, and a demanding dismounted Infantry Squad Battle Course. This range will provide the ground space needed to support the extended engagement ranges consistent with the reality of an Armor threat environment and will train the mounted force in the "near in fight" associated to engagements within restricted terrain. The location and organization of this facility provide a stand alone gunnery range, and/or a unique facility complimenting the Mounted Urban Combat Training Site supporting training within restricted terrain. This project is the fourth tank range in the Fort Knox, Range Modernization Plan. Once the process is completed, Fort Knox will reduce its tank range inventory from 14 to 6. This 57 percent reduction in tank ranges produces a 40 percent increase in training capability while reducing maintenance costs tied to outdated facility upkeep. Additionally, range support facilities will include the necessary communications equipment to support the new digital gunnery doctrine.</p> <p>CURRENT SITUATION: Existing facilities cannot support current and future light/heavy armor standard tank live-fire training requirements for the M1 series tank and the M2/M3 Bradley Fighting Vehicle as required. In addition, no training facilities exist for attack helicopter aerial gunnery training. The need is currently being met through modified and degraded tank and aerial gunnery standards of firing on existing tank ranges and training areas. Additionally, no facilities exist which exercises the digitized battlefield requirements of training to the reality of today's live training environment. This range will support Armor Crewman Non-commissioned Officer (NCO) Advanced Course (ANCOC), Basic NCO Course (BNCOC), Scout Commander Certification Course (SCCC), Tank Commander Certification Course (TCCC), Master Gunner (MG) Course, Armor Officer Basic (AOB) Course, Armor Officer Basic - Reserve Component (AOB-RC), Armor Officer Advance Course (AOAC), Armor Officer Advance Course-Reserve Component (ACOC-RC), Third Class Combined Arms Training (TCCAT), Pre-Command Course (PCC), OSUT (Armor Crewman), and Marines OSUT. Fort Knox, as the "Home of Armor and Cavalry", must provide for these needs to support readiness of our forces to meet current and future deployment demands.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, there will be a</p>			



1.COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999								
3.INSTALLATION AND LOCATION  Fort Knox, Kentucky										
4.PROJECT TITLE  Multi-purpose Digital Training Range Ph II		5.PROJECT NUMBER  51681								
12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED) B. Equipment associated with this project which will be provided from other appropriations: <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 colspan="4">NA</td> </tr> </tbody> </table>			<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										
Installation Engineer: COL Phillip M. Jones Phone Number: 502 624-2151										

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Maryland		Aberdeen Proving Ground (AMC)				153
	50052	Ammunition Demilitarization Fac Ph II	0	66,600	N	155
		Subtotal Aberdeen Proving Ground PART I	\$ 0	66,600		
		Fort Meade (MDW)				159
	19913	Military Entrance Processing Station	4,450	1,350	C	161
	46169	Whole Barracks Complex Renewal	18,000	2,700	C	164
		Subtotal Fort Meade PART I	\$ 22,450	4,050		
		* TOTAL MCA FOR Maryland	\$ 22,450	70,650		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Aberdeen Proving Ground Maryland		4. COMMAND  US Army Materiel 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 1998	544	2045	6880	206	2306	25	15	103	3396	15,520
B. END FY 2005	527	2010	5608	199	2340	30	15	110	3482	14,321

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	29,346 ha (72,516 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	815,914
C. AUTHORIZATION NOT YET IN INVENTORY.....	16,072
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	66,600
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	78,300
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	11,400
G. REMAINING DEFICIENCY.....	229,543
H. GRAND TOTAL.....	1,219,529

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY PROJECT		COST	DESIGN STATUS	
CODE	NUMBER PROJECT TITLE	(\$000)	START	COMPLETE
216	50052 Ammunition Demilitarization Fac Ph II	66,600	03/1997	04/1997
TOTAL		66,600		

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST
CODE		(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
216	Ammunition Demilitarization Fac Ph III	78,300
TOTAL		78,300
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):		
216	Ammunition Demilitarization Fac Ph IV	11,400
TOTAL		11,400

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. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: Aberdeen Proving Ground                      Maryland										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table> <tr> <td></td> <td>(\$000)</td> </tr> <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> </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 estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$348,589,000 based on the Installation Status Report information on conditions as of October 1998.										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Aberdeen Proving Ground Maryland			4.PROJECT TITLE Ammunition Demilitarization Fac Ph II		
5.PROGRAM ELEMENT  78007A	6.CATEGORY CODE  216	7.PROJECT NUMBER  50052	8.PROJECT COST (\$000) Auth Approp      66,600		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Chemical Demilitarization Bldg	m2 (SF)	7,209 ( 77,600)	7,574	116,547 (54,600)	
Process Auxiliary Bldg	m2 (SF)	2,552 ( 27,470)	4,012	(10,238)	
Utility Bldg	m2 (SF)	1,425 ( 15,335)	4,313	(6,144)	
Biotreatment Chemical Bldg	m2 (SF)	680.05 ( 7,320)	3,409	(2,319)	
Waste Solidification Bldg	m2 (SF)	537.91 ( 5,790)	3,571	(1,921)	
Total from Continuation page				(41,325)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	40,673 (10,544)	
Water, Sewer, Gas	LS	--	--	(12,963)	
Paving, Walks, Curbs & Gutters	LS	--	--	(2,292)	
Storm Drainage	LS	--	--	(2,883)	
Site Imp(11,991) Demo(      )	LS	--	--	(11,991)	
ESTIMATED CONTRACT COST				157,220	
CONTINGENCY PERCENT (10.0%)				<u>15,722</u>	
SUBTOTAL				172,942	
SUPV, INSP & OVERHEAD (5.70%)				<u>9,858</u>	
TOTAL REQUEST				182,800	
TOTAL REQUEST (ROUNDED)				182,800	
INSTALLED EQT-OTHER APPROP				(113,775)	
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 (\$66.6 million). Increment I (Project Number (PN) 50051, \$26.5 million) is included in the FY 1999 MILCON budget, Increment III (PN 50053, \$78.3 million) is planned for FY 2001, and Increment IV (PN 50054, \$11.4 million) is planned for FY 2002. 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) including an HD ton-container conditioning area; 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; a standby diesel generator building; and an ultraviolet oxidation building. Features include fire protection, a cascading					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																																																	
ARMY		08 FEB 1999																																																																	
3. INSTALLATION AND LOCATION																																																																			
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<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: right;">Unit COST</th> <th style="text-align: right;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>Filter Farm Bldg.</td> <td>m2 (SF)</td> <td>1,908 ( 20,535)</td> <td style="text-align: right;">2,678</td> <td style="text-align: right;">(5,109)</td> </tr> <tr> <td>Personnel and Maintenance Bldg</td> <td>m2 (SF)</td> <td>1,735 ( 18,680)</td> <td style="text-align: right;">3,183</td> <td style="text-align: right;">(5,525)</td> </tr> <tr> <td>Laboratory Bldg</td> <td>m2 (SF)</td> <td>880.26 ( 9,475)</td> <td style="text-align: right;">8,453</td> <td style="text-align: right;">(7,441)</td> </tr> <tr> <td>Personnel Support Bldg</td> <td>m2 (SF)</td> <td>1,170 ( 12,590)</td> <td style="text-align: right;">2,409</td> <td style="text-align: right;">(2,818)</td> </tr> <tr> <td>Entry Control Facility</td> <td>m2 (SF)</td> <td>124.49 ( 1,340)</td> <td style="text-align: right;">10,938</td> <td style="text-align: right;">(1,362)</td> </tr> <tr> <td>Ultraviolet Oxidation Bldg</td> <td>m2 (SF)</td> <td>230.40 ( 2,480)</td> <td style="text-align: right;">3,657</td> <td style="text-align: right;">(842)</td> </tr> <tr> <td>Warehouse</td> <td>m2 (SF)</td> <td>2,601 ( 28,000)</td> <td style="text-align: right;">978.66</td> <td style="text-align: right;">(2,546)</td> </tr> <tr> <td>Biotreatment Area</td> <td>LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(2,601)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(2,584)</td> </tr> <tr> <td>Design</td> <td>LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(10,497)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">41,325</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Filter Farm Bldg.	m2 (SF)	1,908 ( 20,535)	2,678	(5,109)	Personnel and Maintenance Bldg	m2 (SF)	1,735 ( 18,680)	3,183	(5,525)	Laboratory Bldg	m2 (SF)	880.26 ( 9,475)	8,453	(7,441)	Personnel Support Bldg	m2 (SF)	1,170 ( 12,590)	2,409	(2,818)	Entry Control Facility	m2 (SF)	124.49 ( 1,340)	10,938	(1,362)	Ultraviolet Oxidation Bldg	m2 (SF)	230.40 ( 2,480)	3,657	(842)	Warehouse	m2 (SF)	2,601 ( 28,000)	978.66	(2,546)	Biotreatment Area	LS	--	--	(2,601)	Building Information Systems	LS	--	--	(2,584)	Design	LS	--	--	(10,497)				Total	41,325
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Design	LS	--	--	(10,497)																																																															
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<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> 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; security fencing and lighting; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating will be provided by a gas-fired central system; air conditioning will be provided by self-contained units.																																																																			
11. REQ:                    20,468 m2    ADQT:                    NONE                    SUBSTD:                    NONE <u>PROJECT:</u> Design and Construct a toxic chemical agent destruction facility. (New Mission) <u>REQUIREMENT:</u> 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. <u>CURRENT SITUATION:</u> 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. <u>IMPACT IF NOT PROVIDED:</u> If this project is not approved, the Army will not be able to comply with the Congressional mandate for chemical munitions																																																																			

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999																																																
3.INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland																																																		
4.PROJECT TITLE  Ammunition Demilitarization Fac Ph II	5.PROJECT NUMBER  50052																																																	
<p><u>IMPACT IF NOT PROVIDED:</u>      (CONTINUED)</p> <p>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 anti-terrorism/force protection measures are required.</p>																																																		
<p><u>12.    SUPPLEMENTAL DATA:</u></p> <p style="margin-left: 40px;">A.    Estimated Design Data:</p> <div style="margin-left: 80px;"> <p>(1)    Status:</p> <table style="width: 100%; border: none;"> <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 1999.....</td><td style="text-align: right;"><u>35.00</u></td></tr> <tr><td>(c)    Date 35% Designed.....</td><td style="text-align: right;"><u>APR 1997</u></td></tr> <tr><td>(d)    Date Design Complete.....</td><td style="text-align: right;"><u>APR 1997</u></td></tr> <tr><td>(e)    Parametric Cost Estimating Used to Develop Costs</td><td style="text-align: right;"><u>NO</u></td></tr> </table> <p>(2)    Basis:</p> <p style="margin-left: 20px;">(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: none;"> <tr><td style="width: 80%;">(a)    Production of Plans and Specifications.....</td><td style="text-align: right;"><u>10,700</u></td></tr> <tr><td>(b)    All Other Design Costs.....</td><td style="text-align: right;"><u>1,600</u></td></tr> <tr><td>(c)    Total Design Cost.....</td><td style="text-align: right;"><u>12,300</u></td></tr> <tr><td>(d)    Contract.....</td><td style="text-align: right;"><u>10,500</u></td></tr> <tr><td>(e)    In-house.....</td><td style="text-align: right;"><u>1,800</u></td></tr> </table> <p>(4)    Construction Start.....    <u>OCT 1998</u></p> <p>(5)    Construction Completion.....    <u>APR 2002</u></p> <p style="margin-left: 40px;">B.    Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border: none; margin-top: 20px;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: right;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr><td>Equipment Procurement</td><td>CAMDD</td><td>1999</td><td style="text-align: right;">31,067</td></tr> <tr><td>Equipment Procurement</td><td>CAMDD</td><td>2000</td><td style="text-align: right;">29,404</td></tr> <tr><td>Equipment Procurement</td><td>CAMDD</td><td>2001</td><td style="text-align: right;">19,199</td></tr> <tr><td>Equipment Procurement</td><td>CAMDD</td><td>2002</td><td style="text-align: right;">22,957</td></tr> <tr><td>Equipment Procurement</td><td>CAMDD</td><td>2003</td><td style="text-align: right;">11,148</td></tr> <tr> <td colspan="3" style="text-align: right;">TOTAL</td> <td style="text-align: right; border-top: 1px solid black;">113,775</td> </tr> </tbody> </table> </div>			(a)    Date Design Started.....	<u>MAR 1997</u>	(b)    Percent Complete As Of January 1999.....	<u>35.00</u>	(c)    Date 35% Designed.....	<u>APR 1997</u>	(d)    Date Design Complete.....	<u>APR 1997</u>	(e)    Parametric Cost Estimating Used to Develop Costs	<u>NO</u>	(a)    Production of Plans and Specifications.....	<u>10,700</u>	(b)    All Other Design Costs.....	<u>1,600</u>	(c)    Total Design Cost.....	<u>12,300</u>	(d)    Contract.....	<u>10,500</u>	(e)    In-house.....	<u>1,800</u>	<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>	Equipment Procurement	CAMDD	1999	31,067	Equipment Procurement	CAMDD	2000	29,404	Equipment Procurement	CAMDD	2001	19,199	Equipment Procurement	CAMDD	2002	22,957	Equipment Procurement	CAMDD	2003	11,148	TOTAL			113,775
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TOTAL			113,775																																															

1.COMONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Aberdeen Proving Ground, Maryland		
4.PROJECT TITLE  Ammunition Demilitarization Fac Ph II		5.PROJECT NUMBER  50052
<p style="text-align: center;">Installation Engineer: LTC Thomas Kuchar Phone Number: 410 306-1103</p>		

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Meade Maryland	4. COMMAND  Headquarters, Military District of Washington	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 1998	986 3907 2265	63 724 19	1260 6084 24153	39,461
B. END FY 2005	1,001 3739 1964	66 668 7	1246 6009 24283	38,983

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	2,220 ha (5,485 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	358,115
C. AUTHORIZATION NOT YET IN INVENTORY.....	152,954
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	22,450
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	7,790
H. GRAND TOTAL.....	541,309

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS	
	CODE NUMBER			START	COMPLETE
	610 19913	Military Entrance Processing Station	4,450	03/1998	09/1999
	721 46169	Whole Barracks Complex Renewal	18,000	02/1999	10/1999
TOTAL			22,450		

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR 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.	

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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Meade Maryland		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$276,114,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Meade Maryland			4.PROJECT TITLE Military Entrance Processing Station		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  610	7.PROJECT NUMBER  19913	8.PROJECT COST (\$000) Auth                      4,450 Approp                    1,350		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Military Entrance Processing St	m2 (SF)	2,937 ( 31,614)	1,107	3,468 (3,251)	
Building Information Systems	LS	--	--	(217)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	557 (123)	
Water, Sewer, Gas	LS	--	--	(62)	
Paving, Walks, Curbs & Gutters	LS	--	--	(149)	
Storm Drainage	LS	--	--	(73)	
Site Imp( 123) Demo( )	LS	--	--	(123)	
Information Systems	LS	--	--	(22)	
Antiterrorism Force Protection	LS	--	--	(5)	
ESTIMATED CONTRACT COST				4,025	
CONTINGENCY PERCENT (5.00%)				201	
SUBTOTAL				4,226	
SUPV, INSP & OVERHEAD (5.70%)				241	
TOTAL REQUEST				4,467	
TOTAL REQUEST (ROUNDED)				4,450	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a Military Entrance Processing Station (MEPS) facility. Project includes a headquarters area, testing, medical and liaison rooms, music and paging systems, and operations, reception and orientation areas. Supporting facilities include utilities; electric service; 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 (80 tons) will be provided by self-contained units. Anti-terrorist/force protection measures include concrete planters. Comprehensive interior design services will be provided.					
11. REQ:                      151,798 m2    ADQT:                      74,787 m2    SUBSTD:                      40,506 m2					
<u>PROJECT:</u> Construct a Military Entrance Processing Station facility. (Current Mission)					
<u>REQUIREMENT:</u> 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 for all MEPS personnel. The MEPS facility is					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Fort Meade, Maryland		
4. PROJECT TITLE		5. PROJECT NUMBER
Military Entrance Processing Station		19913
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>responsible to process applicants from 57 counties in Virginia, West Virginia, Maryland, Delaware and the District of Columbia.</p> <p><u>CURRENT SITUATION:</u>    This MEPS is presently located in a leased facility in Baltimore, Maryland. The General Services Administration charges an annual rent of \$751,000 for this location, a cost that annually escalates approximately three percent. Additionally, the current layout reflects the prior processing methodology, resulting in a large, inefficient facility which exceeds the current mission requirement.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the Department of the Army will continue to pay rent for an oversized, leased facility. Given the useful life of a similar facility on a military installation, the government will continue to pay rent that exceeds the operating cost starting 4.1 years after beneficial occupancy of new facility. This is based on the economic analysis which shows the discounted payback period to be 4.1 years after beneficial occupancy.</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. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		MAR 1998
(b) Percent Complete As Of January 1999.....		35.00
(c) Date 35% Designed.....		JAN 1999
(d) Date Design Complete.....		SEP 1999
(e) Parametric Cost Estimating Used to Develop Costs		YES
(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.....		245
(b) All Other Design Costs.....		141
(c) Total Design Cost.....		386
(d) Contract.....		25
(e) In-house.....		361
(4) Construction Start.....		
		JAN 2000
(5) Construction Completion.....		
		NOV 2001





1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Meade Maryland			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  22896A	6.CATEGORY CODE  721	7.PROJECT NUMBER  46169	8.PROJECT COST (\$000) Auth                    18,000 Approp                2,700		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				13,278	
Barracks	m2 (SF)	7,821 ( 84,186)	1,241	(9,707)	
Soldier Community Building	m2 (SF)	2,443 ( 26,297)	1,241	(3,032)	
EMCS Connection	LS	--	--	(75)	
IDS Installation	LS	--	--	(10)	
Building Information Systems	LS	--	--	(454)	
<u>SUPPORTING FACILITIES</u>				3,126	
Electric Service	LS	--	--	(104)	
Water, Sewer, Gas	LS	--	--	(101)	
Paving, Walks, Curbs & Gutters	LS	--	--	(609)	
Storm Drainage	LS	--	--	(72)	
Site Imp( 303) Demo( 1,390)	LS	--	--	(1,693)	
Information Systems	LS	--	--	(547)	
ESTIMATED CONTRACT COST				16,404	
CONTINGENCY PERCENT (5.00%)				820	
SUBTOTAL				17,224	
SUPV, INSP & OVERHEAD (5.70%)				982	
TOTAL REQUEST				18,206	
TOTAL REQUEST (ROUNDED)				18,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard-design Whole Barracks Renewal Complex. Project includes barracks and a soldier community building. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, and service areas. Soldier community building includes day room, television room, storage and laundry facilities. Install an intrusion detection system (IDS). Connect energy monitoring and control systems (EMCS). Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; sedimentation and erosion control, storm drainage, storm water management structure; picnic area and bicycle racks; dumpster pads and enclosures; information systems; and site improvements. Access for the handicapped will be provided in the soldier community building. Demolish three buildings (10,728 m2) with asbestos and lead paint removal. Air conditioning: 450 tons. Comprehensive interior design services will be provided.					
11. REQ:                    468 PN    ADQT:                    1,030 PN    SUBSTD:                    1,261 PN					
PROJECT: Construct a standard-design barracks complex with a soldier					

1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Meade, Maryland		
4.PROJECT TITLE	5.PROJECT NUMBER	
Whole Barracks Complex Renewal	46169	
<p><u>PROJECT:</u> (CONTINUED)</p> <p>community building to meet current Army Whole Barracks Renewal Complex standards. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide housing that satisfies current Army standards of adequacy. The scope provides 288 rooms to accommodate 132 personnel in grades E1-E4 and 78 in grades E5-E6. The project will replace two barracks buildings of 1954 vintage. The personnel to be housed are permanent party of various Army activities stationed at Fort Meade. The activities include active duty members of the US Army Garrison staffs, 902 Military Intelligence Group and all subordinate units, 144th Explosive Ordnance Detachment, US Army Medical Department Activity, US Army Forces Command's First US Army (East), Regional Training Brigade, Readiness Group Meade and other training support activities. Enlisted personnel to be housed are also of other tenant activities such as the US Army 55th Signal Detachment, US Army Claims Service, US Army Recruiting Command's 1st Recruiting Brigade Headquarters and their Recruiting Battalion (Baltimore) and the US Army Field Office of the US Army Criminal Investigation Command and the faculty and staff of the Defense Information School.</p> <p><u>CURRENT SITUATION:</u> The personnel are currently housed in two of eleven Korean War vintage, hammerhead-type, barracks buildings constructed in 1954. They are of gang- latrine configuration with a combined capacity of 302 personnel. They last received renovations and air conditioning in 1975. The configuration of the buildings result in much wasted space that was initially designed for company operations and unit administration. The roofs have widespread leaks that require patching and repair. Water enters the roofs and destroys the third floor ceiling and insulation. Water also enters the exterior walls and the concrete framing and destroys wall finishes and carpeting in the outboard portions of rooms. Ceiling grids and panels continually deteriorate as a result of moisture buildup and rusting of suspension. Repeated treatments of chlorine wash is required to suppress the growth of mold and mildew. Window and door frames have become loose, rusted and covered with years of painting. Floor tiles in common use areas and carpeting in billeting rooms are aged and deteriorated. Repeated layers of interior painting has resulted in the composite delaminating from the concrete masonry units or other concrete surfaces. The latrines have plumbing that is rusted and leaking into the floors and overheads below. Fixtures are corroded and obsolete. Latrine partitions are oxidized and otherwise stained.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers assigned to the various units stationed at Fort Meade will continue to be billeted in antiquated barracks. The spartan atmosphere of the barracks buildings and the surrounding environment will adversely affect the soldiers' quality of life, morale and, ultimately, the readiness of the units and the daily performance of the individual soldier. The interior of the buildings and their utility systems will continue to deteriorate and will require increased maintenance.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical</p>		

1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Meade, Maryland		
4.PROJECT TITLE	5.PROJECT NUMBER	
Whole Barracks Complex Renewal	46169	
<p>ADDITIONAL:      (CONTINUED)</p> <p>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. A parametric cost estimate was used to develop this budget estimate. During the past two years, approximately \$3.5 million has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Fort Meade. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 180 personnel at this installation.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A.    Estimated Design Data:		
(1)    Status:		
(a)	Date Design Started.....	<u>FEB 1999</u>
(b)	Percent Complete As Of January 1999.....	<u>.00</u>
(c)	Date 35% Designed.....	<u>JUN 1999</u>
(d)	Date Design Complete.....	<u>OCT 1999</u>
(e)	Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(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.....	<u>1,000</u>
(b)	All Other Design Costs.....	<u>200</u>
(c)	Total Design Cost.....	<u>1,200</u>
(d)	Contract.....	<u>800</u>
(e)	In-house.....	<u>400</u>
(4)    Construction Start..... <u>DEC 1999</u>		
(5)    Construction Completion..... <u>SEP 2001</u>		
<p>Installation Engineer:    Daniel Hopkins</p> <p>Phone Number:    301-677-9141</p>		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Massachusetts		Westover AFB (SAC)				169
	49289	Military Entrance Processing Station	4,000	1,200	C	171
		Subtotal Westover AFB PART I	\$ 4,000	1,200		
		* TOTAL MCA FOR Massachusetts	\$ 4,000	1,200		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Westover AFB Massachusetts		4. COMMAND  Strategic Air Command			5. AREA CONSTRUCTION COST INDEX  1.19	

6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1998	0	0	0	0	0	0	0	0	0	0	0
B. END FY 2005	0	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 1998.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	4,000
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	4,000

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY PROJECT			COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
610	49289	Military Entrance Processing Station	4,000	04/1998	11/1999
TOTAL			4,000		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
---------------------------------	--

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 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Westover AFB Massachusetts			4.PROJECT TITLE Military Entrance Processing Station		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  610	7.PROJECT NUMBER  49289	8.PROJECT COST (\$000) Auth                      4,000 Approp                    1,200		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Military Entrance Processing	m2 (SF)	2,148 ( 23,120)	1,362	2,993 (2,926)	
Building Information Systems	LS	--	--	(67)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	596 (111)	
Water, Sewer, Gas	LS	--	--	(54)	
Paving, Walks, Curbs & Gutters	LS	--	--	(158)	
Storm Drainage	LS	--	--	(87)	
Site Imp( 75) Demo( )	LS	--	--	(75)	
Information Systems	LS	--	--	(111)	
ESTIMATED CONTRACT COST				3,589	
CONTINGENCY PERCENT (5.00%)				179	
SUBTOTAL				3,768	
SUPV, INSP & OVERHEAD (5.70%)				215	
TOTAL REQUEST				3,983	
TOTAL REQUEST (ROUNDED)				4,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a Military Entrance Processing Station (MEPS) facility, Project includes headquarters, testing, medical and liaison rooms, music and paging systems, operations, reception and orientation areas. 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 (80 tons) will be provided. Comprehensive interior design services will be provided.					
11. REQ:                      2,148 m2    ADQT:                      NONE                      SUBSTD:                      NONE					
<u>PROJECT:</u> Construct a Military Entrance Processing Station facility. (Current Mission)					
<u>REQUIREMENT:</u> This project is required to provide a more efficient and cost effective means of processing applicants into the military service while enhancing the quality of life for all MEPS personnel. This MEPS is responsible for processing applicants from 23 counties in central Massachusetts, Vermont,					



1.COMONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Westover AFB, Massachusetts		
4.PROJECT TITLE	5.PROJECT NUMBER	
Military Entrance Processing Station	49289	
<p><u>REQUIREMENT:</u>      (CONTINUED)</p> <p>Connecticut, and New Hampshire.</p> <p><u>CURRENT SITUATION:</u>    The Springfield MEPS is presently located in a Federal building in downtown Springfield, Massachusetts. The General Service Administration (GSA) charges this command an annual rent of \$473,112 for this location, a cost that escalates approximately three percent each year. The MEPS is split between the second and fourth floors of the building, creating span of control problems and access difficulty for applicants. The downtown location also has serious parking and commuting problems for MEPS personnel and applicants alike.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, this command will continue to pay premium rent and utility cost for a facility that marginally meets mission requirements. Based on the economic analysis, this command can recoup its investment in 7.7 years.</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. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A.    Estimated Design Data:		
(1)    Status:		
(a)    Date Design Started..... <u>APR 1998</u>		
(b)    Percent Complete As Of January 1999..... <u>35.00</u>		
(c)    Date 35% Designed..... <u>JAN 1999</u>		
(d)    Date Design Complete..... <u>NOV 1999</u>		
(e)    Parametric Cost Estimating Used to Develop Costs <u>YES</u>		
(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>240</u>		
(b)    All Other Design Costs..... <u>60</u>		
(c)    Total Design Cost..... <u>300</u>		
(d)    Contract.....    _____		
(e)    In-house..... <u>300</u>		
(4)    Construction Start..... <u>APR 2000</u>		
(5)    Construction Completion..... <u>APR 2001</u>		



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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Missouri		Fort Leonard Wood (TRADOC)				177
	44622	Wolverine/Grizzly Simulator Facility	10,600	1,600	N	179
		Subtotal Fort Leonard Wood PART I	\$ 10,600	1,600		
		* TOTAL MCA FOR Missouri	\$ 10,600	1,600		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999																																													
3. INSTALLATION AND LOCATION  Fort Leonard Wood Missouri			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  1.11																																												
6. PERSONNEL STRENGTH: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th colspan="3">PERMANENT</th> <th colspan="3">STUDENTS</th> <th colspan="3">SUPPORTED</th> <th></th> </tr> <tr> <th></th> <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> <th>TOTAL</th> </tr> </thead> <tbody> <tr> <td>A. AS OF 30 SEP 1998</td> <td>571</td> <td>3416</td> <td>1613</td> <td>306</td> <td>9265</td> <td>0</td> <td>43</td> <td>890</td> <td>1944</td> <td>18,048</td> </tr> <tr> <td>B. END FY 2005</td> <td>795</td> <td>4127</td> <td>1875</td> <td>565</td> <td>9995</td> <td>0</td> <td>51</td> <td>886</td> <td>1661</td> <td>20,057</td> </tr> </tbody> </table>								PERMANENT			STUDENTS			SUPPORTED					OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	A. AS OF 30 SEP 1998	571	3416	1613	306	9265	0	43	890	1944	18,048	B. END FY 2005	795	4127	1875	565	9995	0	51	886	1661	20,057
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B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE																																																		
10. MISSION OR MAJOR FUNCTIONS: <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>																																																		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table 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																																				
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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Leonard Wood Missouri		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$465,606,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4.PROJECT TITLE Wolverine/Grizzly Simulator Facility		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  171	7.PROJECT NUMBER  44622	8.PROJECT COST (\$000) Auth                      10,600 Approp                    1,600		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					8,552
Wolverine/Grizzly Simulator Fac		m2 (SF)	3,914 ( 42,125)	1,950	(7,633)
Foundation, Unusual		LS	--	--	(253)
IDS Installation		LS	--	--	(35)
EMCS Connection		LS	--	--	(43)
Emergency Generator		kWe(KW)	75 ( 75)	746.52	(56)
Building Information Systems		LS	--	--	(532)
<u>SUPPORTING FACILITIES</u>					1,043
Electric Service		LS	--	--	(260)
Water, Sewer, Gas		LS	--	--	(165)
Paving, Walks, Curbs & Gutters		LS	--	--	(305)
Storm Drainage		LS	--	--	(85)
Site Imp( 68) Demo( )		LS	--	--	(68)
Information Systems		LS	--	--	(160)
ESTIMATED CONTRACT COST					9,595
CONTINGENCY PERCENT (5.00%)					480
SUBTOTAL					10,075
SUPV, INSP & OVERHEAD (5.70%)					574
TOTAL REQUEST					10,649
TOTAL REQUEST (ROUNDED)					10,600
INSTALLED EQT-OTHER APPROP					(34,720)
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a tank driver trainer facility providing 10 M-1 tank simulator motion systems. Project includes administrative areas, classrooms, workshops, contractor support areas, emergency generator, hydraulics fuel storage, locker room, mud room, restrooms, mechanical room and a high bay area. Special foundations work is required. Install an intrusion detection system (IDS). Connect energy monitoring and control system (EMCS). Supporting facilities include extension of and connection to existing base utilities; electric service; security lighting, fencing and gates; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; information systems; and site improvements. Heating (gas-fired) and air conditioning (132 tons) will be provided by self-contained systems. Access for the handicapped will be provided.					
11. REQ:                      3,914 m2    ADQT:                      NONE                      SUBSTD:                      NONE					
PROJECT: Construct a WOLVERINE/GRIZZLY operator training facility providing 10 M-1 based simulator motion systems. (New Mission)					



1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Leonard Wood, Missouri		
4.PROJECT TITLE  Wolverine/Grizzly Simulator Facility		5.PROJECT NUMBER  44622
<p><u>REQUIREMENT:</u> This project is required to provide a training facility for 10 M-1 based operator trainer simulators. These devices will train soldiers on the operation skills required for the WOLVERINE and GRIZZLY by simulating various driving conditions and associated motions, which cannot be duplicated without actually operating the vehicle. After mastering the controls and handling characteristics, the soldier advances to training on actual WOLVERINE and GRIZZLY vehicles. There are no existing facilities available to accommodate these simulators.</p> <p><u>CURRENT SITUATION:</u> Training soldiers on the WOLVERINE and GRIZZLY vehicles represents a new mission for Fort Leonard Wood. The vehicles are designed on the M1 chassis and drive train and cost approximately \$150.00 per mile to operate. Eighty percent of the training can be done on simulators with an anticipated net savings of \$8 million annually. Without the simulators, the WOLVERINE and GRIZZLY training will be very costly and maintenance intensive and will require 80 percent more vehicles to match the training schedules.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers may not be adequately trained to operate the WOLVERINE and GRIZZLY vehicles competently under diverse driving conditions. Vehicle damage, loss of government property, or even loss of life could result. Without this facility, the benefits of the simulators and the anticipated \$8 million annual savings will not be realized. Additional vehicles will need to be procured to offset the lack of simulator training.</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. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a)	Date Design Started.....	<u>FEB 1998</u>
(b)	Percent Complete As Of January 1999.....	<u>35.00</u>
(c)	Date 35% Designed.....	<u>JAN 1999</u>
(d)	Date Design Complete.....	<u>NOV 1999</u>
(e)	Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(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>558</u>
(b)	All Other Design Costs.....	<u>292</u>
(c)	Total Design Cost.....	<u>850</u>



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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
New York		United States Military Academy (USMA)				185
	47592	Cadet Physical Development Center Ph II	0	28,500	C	187
		Subtotal United States Military Academy PART I \$	0	28,500		
		* TOTAL MCA FOR New York	\$ 0	28,500		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  United States Military Academy New York	4. COMMAND  United States Military Academy	5. AREA CONSTRUCTION COST INDEX  1.23

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	765	853	2338	34	4282	0	49	288	2408	11,017
B. END FY 2005	776	850	2032	34	4282	0	49	288	2409	10,720

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	6,671 ha (16,484 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	452,751
C. AUTHORIZATION NOT YET IN INVENTORY.....	62,300
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	28,500
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	107,021
H. GRAND TOTAL.....	695,072

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
740	47592	Cadet Physical Development Center Ph II	28,500	02/1998 05/2000
TOTAL			28,500	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<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>

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: United States Military Academy      New York										
<p>11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:</p> <table> <tr> <td></td> <td>(\$000)</td> </tr> <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> </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 estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$464,091,000, based on the Installation Status Report information on conditions as of October 1998.</p>										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION United States Military Academy New York			4.PROJECT TITLE Cadet Physical Development Center Ph II		
5.PROGRAM ELEMENT  85896A	6.CATEGORY CODE  740	7.PROJECT NUMBER  47592	8.PROJECT COST (\$000) Auth Approp      28,500		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Cadet Phys Devl Ctr	m2 (SF)	29,823 ( 321,013)	1,801	71,156 (53,719)	
Instructional Pool	m2 (SF)	921.97 ( 9,924)	1,926	(1,776)	
Intramural Pool	m2 (SF)	1,478 ( 15,904)	1,959	(2,895)	
Temporary Facilities	LS	--	--	(1,800)	
Utility Relocations	LS	--	--	(5,248)	
Total from Continuation page				(5,718)	
<u>SUPPORTING FACILITIES</u>					
Paving, Walks, Curbs & Gutters	LS	--	--	5,514 (82)	
Site Imp( 200) Demo( 5,182)	LS	--	--	(5,382)	
Information Systems	LS	--	--	(50)	
ESTIMATED CONTRACT COST					
CONTINGENCY PERCENT (5.00%)				76,670	
SUBTOTAL				3,834	
SUPV, INSP & OVERHEAD (5.70%)				80,504	
TOTAL REQUEST				4,589	
TOTAL REQUEST (ROUNDED)				85,093	
INSTALLED EQT-OTHER APPROP				85,000 ( )	
10.Description of Proposed Construction      The project is a multi-year, phased program that will revitalize, by partial replacement, the majority of the facilities which are known as the Arvin Cadet Physical Development Center. The Army's plan is to construct all phases as a continuous project using single construction contract. In FY 99 Congress authorized \$85 million and appropriated \$12 million for phase one. This is phase two of a three phased project to revitalize , by partial replacement, the majority of the facilities. This project will consist of the following facilities: flat court spaces (configured as basketball courts, these will also be utilized for various other sports such as volleyball and team handball), multi-purpose spaces (for such activities as physical education classes, aerobics, etc.), wrestling rings (utilized for wrestling, judo, self defense, etc.), racquetball courts, fitness development spaces (free weights and exercise machines), physical services (sports medicine and physiology facilities), locker rooms, storage areas, and laundry facilities. In addition, an instructional pool will be constructed. Seismic upgrades will be accomplished for existing facilities to remain (e.g. Hayes Gym, Crandall Pool, and the Main Entrance Lobby), re-working of the existing Hayes stair towers to provide vertical circulation space for the new construction (to include the necessary seismic upgrades required by this work), elevators and/or other handicapped access features,					



1.COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE																																								
ARMY		08 FEB 1999																																								
3.INSTALLATION AND LOCATION																																										
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Building Information Systems	LS	--	--	(2,145)																																						
			Total	5,718																																						
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> scoreboards in the various competitive areas, spectator seating, public address systems, mechanical and electrical rooms, telecommunications and video communication equipment, heating, ventilation and air conditioning (HVAC) systems will be provided for offices, fitness rooms, main spectator areas, telecommunications closets, heating (existing steam) will be provided, fire detection and suppression systems, and energy monitoring and control system EMCS). Supporting facilities include rock stabilization, and site improvements. Demolish existing buildings (32,671 m2) with asbestos and lead paint mitigation (planned for Phases 1 and 3). Bracing and maintaining the historic facades of the adjacent buildings will be required. Comprehensive interior design and furniture related interior design service are requested. All exterior and interior finishes and signage will adhere to the USMA Installation Design Guides. Access for the handicapped will be provided. Air conditioning (170 tons) will be provided in Phase 2 and sized for the anticipated expansion of Phase 3.																																										
11. REQ:                    42,033 m2    ADQT:                    NONE                    SUBSTD:                    41,369 m2 <u>PROJECT:</u> This is Phase 2 of a three phase, multi-year project to revitalize, by partial replacement, the Arvin Cadet Physical Development Center. (Current Mission) <u>REQUIREMENT:</u> 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																																										

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  United States Military Academy, New York		
4.PROJECT TITLE  Cadet Physical Development Center Ph II		5.PROJECT NUMBER  47592
<p><u>REQUIREMENT:</u>      (CONTINUED)</p> <p>development center that are not involved with phase one will remain open and active during the construction with only selective shut-downs permitted in the sections not under construction.</p> <p><u>CURRENT SITUATION:</u>      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 is no space available to train. During this period, 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.</p> <p><u>IMPACT IF NOT PROVIDED:</u>      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.</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. Required seismic upgrades will be determined during the design.</p>		

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE								
ARMY		08 FEB 1999								
3. INSTALLATION AND LOCATION										
United States Military Academy, New York										
4. PROJECT TITLE		5. PROJECT NUMBER								
Cadet Physical Development Center Ph II		47592								
12. SUPPLEMENTAL DATA:										
<p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p style="margin-left: 40px;">(a) Date Design Started..... <u>FEB 1998</u></p> <p style="margin-left: 40px;">(b) Percent Complete As Of January 1999..... <u>35.00</u></p> <p style="margin-left: 40px;">(c) Date 35% Designed..... <u>DEC 1998</u></p> <p style="margin-left: 40px;">(d) Date Design Complete..... <u>MAY 2000</u></p> <p style="margin-left: 40px;">(e) Parametric Cost Estimating Used to Develop Costs <u>NO</u></p> <p>(2) Basis:</p> <p style="margin-left: 40px;">(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <p style="margin-left: 40px;">(a) Production of Plans and Specifications..... <u>4,400</u></p> <p style="margin-left: 40px;">(b) All Other Design Costs..... <u>3,300</u></p> <p style="margin-left: 40px;">(c) Total Design Cost..... <u>7,700</u></p> <p style="margin-left: 40px;">(d) Contract..... <u>5,000</u></p> <p style="margin-left: 40px;">(e) In-house..... <u>2,700</u></p> <p>(4) Construction Start..... <u>AUG 2000</u></p> <p>(5) Construction Completion..... <u>SEP 2004</u></p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-top: 20px;"> <thead> <tr> <th style="text-align: left;">Equipment <u>Nomenclature</u></th> <th style="text-align: left;">Procuring <u>Appropriation</u></th> <th style="text-align: left;">Fiscal Year Appropriated <u>Or Requested</u></th> <th style="text-align: left;">Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; height: 50px;">NA</td> </tr> </tbody> </table>			Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>	NA			
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NA										
Installation Engineer: Michael F. Colacicco Phone Number: 914 938-3415										

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
North Carolina		Fort Bragg (FORSCOM)				193
	41877	Heavy Drop Rigging Facility	30,000	4,500	C	195
	47346	Whole Barracks Complex Renewal	74,000	16,508	C	199
	48325	MOUT Training Complex Ph II	7,000	5,600	C	203
		Subtotal Fort Bragg PART I	\$ 111,000	26,608		
		Sunny Point Military Ocean Terminal (MIMC)				207
	49320	Ammunition Surveillance Facility	3,800	550	C	209
		Subtotal Sunny Point Military Ocean Terminal	P\$ 3,800	550		
		* TOTAL MCA FOR North Carolina	\$ 114,800	27,158		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Bragg North Carolina	4. COMMAND  US Army Forces 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 1998	5295 34814 4668	509 1793 0	403 693 4939	53,114
B. END FY 2005	5263 35281 4170	580 1906 0	421 731 4827	53,179

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	78,263 ha (193,392 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	1,272,472
C. AUTHORIZATION NOT YET IN INVENTORY.....	307,485
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	111,000
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	95,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	168,112
H. GRAND TOTAL.....	1,837,069

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS	
	CODE NUMBER			START	COMPLETE
	141 41877	Heavy Drop Rigging Facility	30,000	02/1998	10/1999
	721 47346	Whole Barracks Complex Renewal	74,000	01/1998	09/1999
	179 48325	MOUT Training Complex Ph II	7,000	06/1998	09/1999
TOTAL			111,000		

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. REQUESTED IN THE FY 2001 PROGRAM:		
	721	Whole Barracks Complex Renewal 59,800
	422	Ammunition Holding Area 13,200
	721	Whole Barracks Complex Renewal 22,000
TOTAL		95,000
B. PLANNED NEXT FOUR 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. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Bragg North Carolina		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		
		(\$000)
A. AIR POLLUTION		0
B. WATER POLLUTION		0
C. OCCUPATIONAL SAFETY AND HEALTH		0
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$922,246,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina			4.PROJECT TITLE Heavy Drop Rigging Facility		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  141	7.PROJECT NUMBER  41877	8.PROJECT COST (\$000) Auth                      30,000 Approp                    4,500		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					24,295
Heavy Drop Rigging Facility		m2 (SF)	12,155 ( 130,835)	1,551	(18,848)
Concrete Hardstand		m2 (SF)	61,616 ( 663,231)	46.56	(2,869)
Vehicle Scales		EA	7 --	53,583	(375)
Fuel/Defuel Structure w/Tanks		EA	1 --	78,017	(78)
Access Control Buildings (2)		m2 (SF)	26 ( 279.86)	3,616	(94)
Total from Continuation page					(2,031)
<u>SUPPORTING FACILITIES</u>					2,942
Electric Service		LS	--	--	(661)
Water, Sewer, Gas		LS	--	--	(463)
Paving, Walks, Curbs & Gutters		LS	--	--	(558)
Storm Drainage		LS	--	--	(578)
Site Imp( 575) Demo( )		LS	--	--	(575)
Information Systems		LS	--	--	(107)
ESTIMATED CONTRACT COST					27,237
CONTINGENCY PERCENT (5.00%)					<u>1,362</u>
SUBTOTAL					28,599
SUPV, INSP & OVERHEAD (5.70%)					<u>1,630</u>
TOTAL REQUEST					30,229
TOTAL REQUEST (ROUNDED)					30,000
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a heavy drop rigging facility adjacent to the Arrival/Departure Airfield Control Group (A/DACG) facilities. Work includes ten rigging lanes with recessed rollers, five 35-ton and four 25-ton overhead cranes; administrative offices; control center; supply and storage areas; preparation areas; latrines; front overhead canopy; break room; two interior docks with hydraulic lifts; container delivery system (CDS); covered fuel and defuel point with pump and two tanks (500 gallons); sprinkler system; computerized pallet and platform tracking system, and installation of five 60-ton and two 40-ton capacity scales. This project requires that all adjacent utilities be relocated and entrance and exit access drives be constructed for direct access to Green Ramp and the ammunition holding area, including a concrete and steel vehicle bridge. Install intrusion detection systems (IDS). Connect energy, monitoring and control systems (EMCS). Supporting facilities include utilities; electric service; emergency generator; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; lift station; oil and water separator; security lighting, fencing and gates; erosion control and water					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																													
ARMY		08 FEB 1999																																													
3. INSTALLATION AND LOCATION																																															
Fort Bragg, North Carolina																																															
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			Total	2,031																																											
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> quality measures; information systems; and site improvements. Air conditioning (60 tons) and humidity control will be provided. Physical security measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas; berms, heavy landscaping, and bollards will be included to prevent access when standoff distance cannot be maintained and fragment retention film on windows will be included to protect in case of a bomb blast.																																															
11. REQ:                    11,690 m2    ADQT:                    NONE                    SUBSTD:                    7,117 m2 <u>PROJECT:</u> Construct a heavy drop rigging facility on Fort Bragg adjacent to the proposed Arrival/Departure Airfield Control Group (A/DACG) facilities at Green Ramp, Pope Air Force Base (AFB), North Carolina. This project supports the Army Strategic Mobility Program. (Current Mission) <u>REQUIREMENT:</u> This project is required to support the rigging and rapid buildup of heavy drop platforms and containerized delivery systems to meet XVIII Airborne Corps, and its subordinate 82d Airborne Division missions to conduct forced entry airborne assaults. This facility is critical to insure an adequate number of heavy drop platforms are prepared quickly enough to meet the 82d Airborne Division's 18 hour deployment sequence. This facility must accommodate both XVIII Airborne Corps' 1st Corps Support Command (COSCOM) and 82d Airborne Division's Support Command (DISCOM) riggers to allow simultaneous rigging in a timely manner without crossover. Both units also need separate storage, preparation and administrative spaces. Adequate toilet facilities and break areas to rest and feed a 150 person rigging support force during a long contingency rigging session are also required. A large marshaling area, including a fueling/defueling point and scales for weighing loads, is required to stage vehicles and equipment. A proper fuel/defuel point will solve a long standing problem of vehicles being returned for improper fuel levels. Lift tables at the back loading dock will insure that platforms can be loaded on trailers with differing trailer bed heights. This facility is required to facilitate Fort Bragg s readiness posture and ensure a smooth and rapid																																															

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Bragg, North Carolina		
4.PROJECT TITLE  Heavy Drop Rigging Facility		5.PROJECT NUMBER  41877
<p><u>REQUIREMENT:</u>      (CONTINUED)</p> <p>deployment. Efficient and rapid preparation and rigging of equipment and supplies enables Fort Bragg units to successfully respond to worldwide crises in a timely manner.</p> <p><u>CURRENT SITUATION:</u>      Currently, operational and physical deficiencies hinder Fort Bragg and Pope Air Force Base (AFB) in the timely accomplishment of their critical worldwide contingency response missions. Excessive time delays occur due to poor facility location, orientation, and capability deficiencies. This 27 year old facility currently supports only the 82d Airborne Division's rigging mission. There is an adhoc defuel point which is not efficient and is marginally safe. Some equipment is forced to return to the unit area to defuel. There is insufficient covered areas to prepare loads and loads cannot be weighed prior to entering the rigging facility. The six rigging lanes do not allow sufficient rigging positions to effectively use all available riggers. Only one lane is capable of rigging the larger heavy loads such as engineer equipment and reconnaissance vehicles. There are insufficient means to weigh loads in the facility during rigging and not enough rollers per lane to properly support the platforms of heavier loads. There are insufficient bridge and gantry cranes to cover each lane effectively. None of the cranes can cover the full length and the facility is too low to allow loads to be leapfrogged. The existing building's structure was not designed to support the weight of current platforms that need to be lifted. There is insufficient storage space, nor can equipment be rehabbed inside. Space is not available adjacent to the lanes for propositioned rigging materials and parachutes. Personnel are forced to operate in a facility with poor heating, ventilation and lighting. Insufficient power prevents soldiers from using the bridge cranes and building heat simultaneously. Since there are no scales to weigh rigged platforms prior to movement from this facility, some loads are found overweight at the airfield and must be returned to the rigging facility for correction. The height of the loading docks are fixed and cannot accommodate trailers with different bed heights without makeshift solutions. This situation contributes to a dangerous and time consuming operation for the soldiers loading the rigged equipment on the trailers. The current rigging facility is in violation of the explosive safety quantity distance requirements for the new A/DACG cargo handling facility.</p> <p><u>IMPACT IF NOT PROVIDED:</u>      If this project is not provided, the accomplishment of divisional and nondivisional airborne deployment missions will continue to be hindered. The timely transport of equipment and supplies can not be effectively and efficiently attained with the current assets.</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. 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 based on project engineering was used</p>		

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Fort Bragg, North Carolina		
4. PROJECT TITLE	5. PROJECT NUMBER	
Heavy Drop Rigging Facility	41877	
ADDITIONAL:    (CONTINUED) to develop this budget estimate.		
12. <u>SUPPLEMENTAL DATA:</u>		
A.    Estimated Design Data:		
(1)    Status:		
(a)    Date Design Started..... <u>FEB 1998</u>		
(b)    Percent Complete As Of January 1999..... <u>35.00</u>		
(c)    Date 35% Designed..... <u>JAN 1999</u>		
(d)    Date Design Complete..... <u>OCT 1999</u>		
(e)    Parametric Cost Estimating Used to Develop Costs <u>YES</u>		
(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>1,500</u>		
(b)    All Other Design Costs..... <u>900</u>		
(c)    Total Design Cost..... <u>2,400</u>		
(d)    Contract..... <u>1,800</u>		
(e)    In-house..... <u>600</u>		
(4)    Construction Start..... <u>JAN 2000</u>		
(5)    Construction Completion..... <u>MAR 2002</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> (\$000)
NA		
Installation Engineer:    COL Robert L. Shirron Phone Number:    (910) 396-4009		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  721	7.PROJECT NUMBER  47346	8.PROJECT COST (\$000) Auth                      74,000 Approp                    16,508		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Barracks	m2 (SF)	18,080 ( 194,611)	1,188	(21,479)	
Soldier Community Building	m2 (SF)	2,832 ( 30,483)	1,229	(3,481)	
Dining Facility	m2 (SF)	1,956 ( 21,051)	1,850	(3,618)	
IDS Installation	LS	--	--	(49)	
EMCS	LS	--	--	(1,322)	
Total from Continuation page				(19,845)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	(1,558)	
Water, Sewer, Gas	LS	--	--	(669)	
Steam And/Or Chilled Water Dist	LS	--	--	(3,267)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,747)	
Storm Drainage	LS	--	--	(3,993)	
Site Imp( 3,905) Demo( 1,133)	LS	--	--	(5,037)	
Information Systems	LS	--	--	(575)	
Antiterrorism Force Protection	LS	--	--	(200)	
ESTIMATED CONTRACT COST				66,840	
CONTINGENCY PERCENT (5.00%)				3,342	
SUBTOTAL				70,182	
SUPV, INSP & OVERHEAD (5.70%)				4,000	
TOTAL REQUEST				74,182	
TOTAL REQUEST (ROUNDED)				74,000	
INSTALLED EQT-OTHER APPROP				(2,632)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard-design whole barracks renewal complex. Project includes barracks, company operations facilities, dining hall, community buildings, fire sprinkler systems, community green, close-in training, battalion headquarters, brigade headquarters, and upgrade primary street. Construct battalion headquarters and brigade headquarters based on the standard constrained site designs. Barracks include living/sleeping rooms, semi-private baths, walk-in closets, and storage. 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 (16,616 m2) within the footprint with asbestos removal. Construction involves disruption of operational steam and chilled water lines supporting adjacent maintenance facilities. Construction of satellite steam					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																													
ARMY		08 FEB 1999																																													
3. INSTALLATION AND LOCATION																																															
Fort Bragg, North Carolina																																															
4. PROJECT TITLE	5. PROJECT NUMBER																																														
Whole Barracks Complex Renewal	47346																																														
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<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> plant was determined to be most economic option for providing continued steam and chilled water service to those facilities. Anti-terrorism/force protection measures include maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping and fragment retention film on windows to protect in case of a bomb blast. 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 design services will be provided.																																															
11. REQ:                    14,247 PN    ADQT:                    7,385 PN    SUBSTD:                    6,862 PN <u>PROJECT:</u> Construct Phase II of a standard-design barracks complex with dining facility, soldier community building, brigade headquarters, battalion headquarters, and company operations buildings to meet the Whole Barracks Renewal Program Standard. (Current Mission) <u>REQUIREMENT:</u> 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 is 672 spaces. Intended utilization is 576 spaces for E1-E4 and 64 spaces for E5-E6. This project will complete the second of seven phases necessary to improve quality of life for soldiers in the 82d Airborne Division. <u>CURRENT SITUATION:</u> The typical barracks for the 82d Airborne Division soldier was constructed in 1955. These barracks are now over 40 years old, 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.																																															

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999										
3.INSTALLATION AND LOCATION  Fort Bragg, North Carolina												
4.PROJECT TITLE  Whole Barracks Complex Renewal	5.PROJECT NUMBER  47346											
<p><u>CURRENT SITUATION:</u>    (CONTINUED)</p> <p>The 82d Airborne Division uses permanent, dispersed, and inadequate facilities to accommodate brigade and battalion administrative functions. A typical brigade must rely on three, 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. Unaccompanied enlisted personnel housing cost the installation a total of \$23M in FY97 and 98 (in FY98 dollars) for utilities, maintenance and repair, and engineering support. Once constructed, the new facilities will cost \$695,000 per year(FY98 dollars) for operations and maintenance.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, the soldier's barracks and administrative facilities conditions will remain unsatisfactory. The 40 year 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.</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. During the past two years, approximately \$17 million has been spent on Real Property maintenance for unaccompanied enlisted personnel housing at Fort Bragg. Upon completion of this project, the remaining permanent party requirement is 6,190 personnel at this installation. 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 based on project engineering was used to develop this budget estimate.</p>												
<p><u>12.    SUPPLEMENTAL DATA:</u></p> <p style="margin-left: 20px;">A.    Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1)    Status:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a)    Date Design Started.....</td> <td style="width: 20%; text-align: right;">JAN 1998</td> </tr> <tr> <td>(b)    Percent Complete As Of January 1999.....</td> <td style="text-align: right;">35.00</td> </tr> <tr> <td>(c)    Date 35% Designed.....</td> <td style="text-align: right;">JAN 1999</td> </tr> <tr> <td>(d)    Date Design Complete.....</td> <td style="text-align: right;">SEP 1999</td> </tr> <tr> <td>(e)    Parametric Cost Estimating Used to Develop Costs</td> <td style="text-align: right;">YES</td> </tr> </table> <p>(2)    Basis:</p> <p style="margin-left: 20px;">(a)    Standard or Definitive Design:    YES</p> </div>			(a)    Date Design Started.....	JAN 1998	(b)    Percent Complete As Of January 1999.....	35.00	(c)    Date 35% Designed.....	JAN 1999	(d)    Date Design Complete.....	SEP 1999	(e)    Parametric Cost Estimating Used to Develop Costs	YES
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<p>Installation Engineer: Robert L. Shirron</p> <p>Phone Number: 910 396-4009</p>																		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Bragg North Carolina			4.PROJECT TITLE MOUT Training Complex Ph II		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  179	7.PROJECT NUMBER  48325	8.PROJECT COST (\$000) Auth                      7,000 Approp                    5,600		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,664
Platoon Collective Trng Facilit		m2 (SF)	6,791 ( 73,093)	401.43	(2,726)
Mout Assault Course (MAC)		LS	--	--	(386)
Range Control/Observation Tower		EA	2 --	109,450	(219)
Covered Training Area (2)		m2 (SF)	206 ( 2,217)	425.69	(88)
Field Range Latrine (2)		m2 (SF)	48.32 ( 520.11)	2,393	(116)
Total from Continuation page					(129)
<u>SUPPORTING FACILITIES</u>					2,660
Electric Service		LS	--	--	(750)
Water, Sewer, Gas		LS	--	--	(142)
Paving, Walks, Curbs & Gutters		LS	--	--	(219)
Storm Drainage		LS	--	--	(448)
Site Imp( 289) Demo( 81)		LS	--	--	(370)
Information Systems		LS	--	--	(731)
ESTIMATED CONTRACT COST					6,324
CONTINGENCY PERCENT (5.00%)					316
SUBTOTAL					6,640
SUPV, INSP & OVERHEAD (5.70%)					378
TOTAL REQUEST					7,018
TOTAL REQUEST (ROUNDED)					7,000
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      Phase II is being incrementally funded. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct Phase II (Phase I in FY 98) of a military operations on urbanized terrain (MOUT) training complex consisting of a non live-fire platoon collective training facility (CTF), and a live-fire MOUT assault course (MAC). The CTF will be located adjacent to the Flight Landing Strip (FLS) on Holland Drop Zone and configured to replicate an airfield seizure objective (ASO). Primary facilities associated with the ASO include construction of 17 buildings. Nine of the buildings, and related parking, drainage, electrical lighting, and other features will simulate an airport/airfield environment. Eight of the buildings, parking, lighting, and other features normally associated with an adjoining military/security compound. All buildings will be intact structures with no rubble buildings. Buildings will incorporate mouse holes, loopholes, roof hatches and openings, reinforced window ledges, rappel anchors, plumbing vent stacks and chimney stacks, and hardened reinforced door and window openings to withstand small demolition charges. All flat roofs will be designed to handle the live load of military helicopters and include parapets and/or railing. An accessory package and plan is required that includes signage and other prop aids that ensures the facilities look realistic. Two					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																														
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			Total	129																												
<p><u>11. REQ:</u>                    209,118 EA    <u>ADQT:</u>                    NONE                    <u>SUBSTD:</u>                    NONE</p> <p><u>PROJECT:</u> Construct Phase II of a military operations on urban terrain (MOUT) collective training facility (CTF) configured to replicate an airfield seizure objective (ASO), and a live-fire MOUT asault course (MAC) in the range and training area. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide training for the Active Army, Army Reserve, and National Guard in urbanized terrain under simulated combat conditions. The CTF and the MAC are necessary for individual and small unit training, since MOUT operations are characterized by semi-independent actions of small units to accomplish the methodical clearance of assigned zones in urban areas. There are no suitable facilities at this installation that can adequately satisfy the requirements. The CTF with the ASO is required because one of the critical wartime missions of the 82d Airborne Division is to conduct a forced entry operation by airborne assault in order to seize an airfield and allow the arrival of follow-on forces by airland. Currently, no facility exists at Fort Bragg to allow units to train to standard in this task. The MAC is especially important as it is the only MOUT facility that actually allows live firing.</p>																																

1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Bragg, North Carolina		
4.PROJECT TITLE	5.PROJECT NUMBER	
MOU Training Complex Ph II	48325	
<p><u>CURRENT SITUATION:</u> There are no CTFs at Fort Bragg that utilize airborne assault. In addition, while there are numerous drop zones at Fort Bragg, none have an infrastructure replicating facilities found at an airfield/airport. This has required units to go off-post and utilize operational airfields to conduct realistic training, at an increased cost of resources, time, and money. The MAC will replace an existing MAC at Range 62, which was built in 1982 and rebuilt several times by range control maintenance personnel. This facility is a makeshift, short term solution to provide soldiers with the bare minimum, essential skills until this project is completed. It does not have a state-of-the-art grenade house, a facility to fire M203 40mm, an urban defense building, and an underground training site as required for soldiers to perform skill tasks to standards. The new MAC will also provide a new water well, latrine, septic tank with drain field, and covered training area with bleachers to replace current inadequate facilities.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, it will be difficult for assigned units at Fort Bragg to acquire and maintain the forced entry capability and required proficiency for airfield seizure/combat in an urban environment. Proficiency in urban combat can only result from realistic training under simulated combat conditions. Although forced entry airborne operations in order to seize an airfield and allow the arrival of follow-on forces by airland are one of the 82d Airborne Division's most critical wartime missions, units will continue to have non-existent and/or inadequate training facilities to develop their skills.</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. 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 based on a project engineering was used to develop this budget estimate.</p>		
<u>12. SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	JUN 1998	
(b) Percent Complete As Of January 1999.....	35.00	
(c) Date 35% Designed.....	JAN 1999	
(d) Date Design Complete.....	SEP 1999	
(e) Parametric Cost Estimating Used to Develop Costs	YES	
(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.....	410	

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE												
ARMY		08 FEB 1999												
3. INSTALLATION AND LOCATION														
Fort Bragg, North Carolina														
4. PROJECT TITLE		5. PROJECT NUMBER												
MOU Training Complex Ph II		48325												
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 20px;">A. Estimated Design Data: (Continued)</p> <div style="margin-left: 40px;"> (b) All Other Design Costs..... <u>170</u>  (c) Total Design Cost..... <u>580</u>  (d) Contract..... <u>430</u>  (e) In-house..... <u>150</u> </div> <div style="margin-left: 40px; margin-top: 10px;"> (4) Construction Start..... <u>MAR 2000</u>  (5) Construction Completion..... <u>SEP 2001</u> </div> <p style="margin-left: 20px; margin-top: 20px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-left: 40px; border: none;"> <thead> <tr> <th style="text-align: left;"><u>Equipment</u></th> <th style="text-align: left;"><u>Procuring</u></th> <th style="text-align: left;"><u>Fiscal Year</u></th> <th style="text-align: left;"><u>Cost</u></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Appropriation</u></th> <th style="text-align: left;"><u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left;"><u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NA</td> </tr> </tbody> </table>			<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			
<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 L. Shirron Phone Number: 910-396-4009														

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Sunny Point Military Ocean Terminal North Carolina	4. COMMAND  Military Traffic Management Command	5. AREA CONSTRUCTION COST INDEX  0.93

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	7	60	246	0	0	0	0	0	73	386
B. END FY 2005	7	61	236	0	0	0	0	0	73	377

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	6,606 ha (16,324 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	76,229
C. AUTHORIZATION NOT YET IN INVENTORY.....	5,700
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	3,800
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	2,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	4,400
H. GRAND TOTAL.....	91,979

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
216	49320	Ammunition Surveillance Facility	3,800	02/1999 10/1999
TOTAL			3,800	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
218	Railroad Equipment Maintenance Facility	2,000
TOTAL		2,000
B. PLANNED NEXT FOUR 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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Sunny Point Military Ocean TerminalNorth Carolina		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$745,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Sunny Point Military Ocean Terminal North Carolina			4.PROJECT TITLE Ammunition Surveillance Facility		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  216	7.PROJECT NUMBER  49320	8.PROJECT COST (\$000) Auth                      3,800 Approp                    550		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					2,493
Ammunition Surveillance Shop		m2 (SF)	1,449 ( 15,600)	1,668	(2,417)
Dock Levelers		LS	--	--	(68)
Building Information Systems		LS	--	--	(8)
<u>SUPPORTING FACILITIES</u>					811
Electric Service		LS	--	--	(81)
Water, Sewer, Gas		LS	--	--	(200)
Paving, Walks, Curbs & Gutters		LS	--	--	(62)
Storm Drainage		LS	--	--	(28)
Site Imp( 350) Demo( )		LS	--	--	(350)
Information Systems		LS	--	--	(90)
ESTIMATED CONTRACT COST					3,304
CONTINGENCY PERCENT (5.00%)					<u>165</u>
SUBTOTAL					3,469
SUPV, INSP & OVERHEAD (5.70%)					<u>198</u>
TOTAL REQUEST					3,667
TOTAL REQUEST (ROUNDED)					3,650
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct an ammunition surveillance/inspection facility by modifying a standard design facility to include covered loading docks and dock levelers, an office with restrooms. Required safety systems and equipment include, blast resistant walls between bays, fire suppression system, explosion proof lighting, and lightning protection. A compressed air system is required. Supporting facilities include utilities, electric service, paving, storm drainage, information systems, and site improvements with a special feature, an earthen explosion safety berm to protect the building from potential explosions on adjacent ammunition holding spurs. Due to the location in a secure ammunition transshipment area, this facility requires no additional physical security measures. Heating, ventilation and air conditioning (15 tons) will be provided. Supporting facility costs are high due to the location of the facility for safety distance requirements.					
11. REQ:                      1,449 m2    ADQT:                      NONE                      SUBSTD:                      NONE					
<u>PROJECT:</u> Construct an ammunition surveillance/inspection facility by					

1. COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  08 FEB 1999
3. INSTALLATION AND LOCATION  Sunny Point Military Ocean Terminal, North Carolina		
4. PROJECT TITLE  Ammunition Surveillance Facility		5. PROJECT NUMBER  49320
<p><u>PROJECT: (CONTINUED)</u>  modifying a standard design facility in support of the Army's Strategic Mobility Program. (Current Mission)  <u>REQUIREMENT:</u> This facility is a critical power projection component for the East Coast. It will support the Pre-Positioned Afloat (PREPO) mission to provide rapid supply of ammunition worldwide and vital links in the National Strategic Mobility Program. This facility increases readiness by improving ammunition movement and quality control by providing onsite inspection of ammunition samples, onsite correction of minor deficiencies, and temporary storage of munitions requiring climate control.  <u>CURRENT SITUATION:</u> Currently, two small buildings, an old hose drying house and old gear locker are in use. However, these buildings are not designed for ammunition handling and can only accommodate one item at a time. In addition, because these buildings are near the installation's most critical ammunition loading wharf, the Net Explosive Weight (NEW) capability of the wharf must be restricted for safety purposes when the buildings are used.  <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, both readiness and cost reduction measures will be negatively affected. Readiness will be affected because MOTSU will not have onsite capabilities to fully support the Army and Air Force PREPO missions or other non-PREPO missions. PREPO and non-PREPO ammunition with easily correctable, small packaging and marking defects will continue to be sent through the time consuming and costly process of shipment to inland depots for correction. Finally, weapons systems/ammunition requiring climate controlled storage cannot be held on site awaiting shipment.  <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. A parametric cost estimate was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....		FEB 1999
(b) Percent Complete As Of January 1999.....		.00
(c) Date 35% Designed.....		APR 1999
(d) Date Design Complete.....		OCT 1999
(e) Parametric Cost Estimating Used to Develop Costs		YES
(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.....		215





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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Oklahoma		McAlester Army Ammunition Plant (AMC)				215
	43308	Railyard Infrastructure	6,800	2,000	C	217
	50881	Ammunition Road Infrastructure	6,800	1,020	C	220
	50984	Fire Station	3,000	900	C	223
		Subtotal McAlester Army Ammunition Plant PART I	\$ 16,600	3,920		
		Fort Sill (TRADOC)				227
	41630	Rail and Containerization Facility	13,200	2,000	C	229
		Subtotal Fort Sill PART I	\$ 13,200	2,000		
		* TOTAL MCA FOR Oklahoma	\$ 29,800	5,920		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  McAlester Army Ammunition Plant Oklahoma	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 1998	1	1	931	0	0	0	1	2	481	1,417
B. END FY 2005	1	1	1051	0	0	0	1	2	474	1,530

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	18,196 ha (44,964 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	169,797
C. AUTHORIZATION NOT YET IN INVENTORY.....	10,800
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	16,600
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	22,566
H. GRAND TOTAL.....	216,763

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
851	50881	Ammunition Road Infrastructure	6,800	02/1999	12/1999
860	43308	Railyard Infrastructure	6,800	04/1998	02/1999
730	50984	Fire Station	3,000	10/1998	04/1999
TOTAL			16,600		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<p>MCAAP acts as a principal storage facility for war reserve ammunition, the production of conventional ammunition, and the LAP of conventional ammunition. McAlester Army Ammunition Plant (MCAAP) is a government owned and government operated plant which is jointly staffed by military from the Army, Navy, Air Force, Marine Corps and a mixture of civilian and contractor personnel. It is the second largest Army depot of its kind in the Department of Defense. It has six production facilities producing conventional ammunition, and also stores explosive and inert materials in its storage magazines and warehouse area.</p>

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999						
INSTALLATION AND LOCATION: McAlester Army Ammunition Plant      Oklahoma								
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <div style="float: right;">(\$000)</div> <div style="clear: both;"></div> <table style="width: 100%;"> <tr> <td style="width: 80%;">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>			A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0
A. AIR POLLUTION	0							
B. WATER POLLUTION	0							
C. OCCUPATIONAL SAFETY AND HEALTH	0							
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$81,669,000, based on the Installation Status Report information on conditions as of October 1998.								

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION McAlester Army Ammunition Plant Oklahoma			4.PROJECT TITLE Railyard Infrastructure		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  860	7.PROJECT NUMBER  43308	8.PROJECT COST (\$000) Auth                      6,800 Approp                    2,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Railroad Yard	m2 (SY)	36,288 ( 43,400)	127.95	5,499 (4,643)	
Access Roads	m2 (SY)	47,694 ( 57,042)	17.95	(856)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	614 (33)	
Water, Sewer, Gas	LS	--	--	(129)	
Storm Drainage	LS	--	--	(100)	
Wetlands Reclamation	LS	--	--	(352)	
ESTIMATED CONTRACT COST				6,113	
CONTINGENCY PERCENT (5.00%)				306	
SUBTOTAL				6,419	
SUPV, INSP & OVERHEAD (5.70%)				366	
TOTAL REQUEST				6,785	
TOTAL REQUEST (ROUNDED)				6,800	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct approximately 3.5 miles of railroad track in the container railyard. Construct and upgrade gravel access roads in the magazine groups. The roads will be of sufficient width and turning radius to accommodate the large semi-trailers now common to the shipping industry. An area for turning will be provided near each magazine so a truck can back up to the existing dock that is now only used for rail service. Supporting facilities include security fencing and lighting, lightning protection, and fire protection at the railyard.					
11. REQ:                      348 km    ADQT:                      341 km    SUBSTD:                      NONE					
<u>PROJECT:</u> Construct a railroad holding yard and gravel access roads to magazines. (Current Mission)					
<u>REQUIREMENT:</u> This project provides a railcar holding yard and access roads to 66 magazines. Construction of this project will raise the total capability at this installation to ship loaded ammunition containers to 400 containers per day in support of the Army's Strategic Mobility requirements. The ability to efficiently and quickly handle ammunition from the magazines through the					

1.COMONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  McAlester Army Ammunition Plant, Oklahoma		
4.PROJECT TITLE  Railyard Infrastructure		5.PROJECT NUMBER  43308
<p><u>REQUIREMENT:</u>      (CONTINUED)</p> <p>ammunition container complex to off-post shipping to Atlantic or Pacific outports for surface transportation is required to support the Rapid Deployment Forces.</p> <p><u>CURRENT SITUATION:</u>    Under Army Strategic Mobility Program (ASMP), this installation is assigned a shipping requirement of 400 containers (standard 8'x8'x20'), commercial or military-owned demountable containers (MILVAN), weather-tight, steel containers per day of which approximately 90 percent are to be shipped via rail. Existing facilities for empty railcars are inadequate to meet the daily handling requirements (180 railcars) and storage requirements (350 railcars). Some existing ammunition magazines can only be accessed by rail. Tthis ties up and prevents rail crews and engines from being used in support of off-post shipping and outloading.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, this installation will not be able to increase and sustain ammunition shipping operations consistent with ASMP requirements for a TIER 1 facility. Delays in delivery of ammunition could delay departure of elements of the Rapid Deployment Force, or leave deployed elements critically short of ammunition if sustainment stocks do not arrive in the theater as planned.</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. Alternate methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
<p>A.    Estimated Design Data:</p> <p>    (1)    Status:</p> <p>        (a)    Date Design Started.....    <u>APR 1998</u></p> <p>        (b)    Percent Complete As Of January 1999.....    <u>90.00</u></p> <p>        (c)    Date 35% Designed.....    <u>JUL 1998</u></p> <p>        (d)    Date Design Complete.....    <u>FEB 1999</u></p> <p>        (e)    Parametric Cost Estimating Used to Develop Costs    <u>YES</u></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>380</u></p> <p>        (b)    All Other Design Costs.....    <u>140</u></p> <p>        (c)    Total Design Cost.....    <u>520</u></p> <p>        (d)    Contract.....    <u>250</u></p> <p>        (e)    In-house.....    <u>270</u></p>		

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999								
3.INSTALLATION AND LOCATION  McAlester Army Ammunition Plant, Oklahoma										
4.PROJECT TITLE  Railyard Infrastructure	5.PROJECT NUMBER  43308									
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 40px;">A. Estimated Design Data: (Continued)</p> <p style="margin-left: 80px;">(4) Construction Start..... <u>DEC 1999</u></p> <p style="margin-left: 80px;">(5) Construction Completion..... <u>FEB 2001</u></p> <p style="margin-left: 40px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-left: 40px;"> <thead> <tr> <th style="text-align: left;">Equipment <u>Nomenclature</u></th> <th style="text-align: left;">Procuring <u>Appropriation</u></th> <th style="text-align: left;">Fiscal Year Appropriated <u>Or Requested</u></th> <th style="text-align: left;">Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NONE</td> </tr> </tbody> </table>			Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>	NONE			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>							
NONE										
Installation Engineer: Patrick M. O'Brien Phone Number: DSN 956-7688										



1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION McAlester Army Ammunition Plant Oklahoma			4.PROJECT TITLE Ammunition Road Infrastructure		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  851	7.PROJECT NUMBER  50881	8.PROJECT COST (\$000) Auth                      6,800 Approp                    1,020		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				6,134	
46LC Mag Roads	LS	--	--	(792)	
45DC Mag Roads	LS	--	--	(814)	
43DC Mag Roads	LS	--	--	(543)	
41LC Mag Roads	LS	--	--	(593)	
Borrow site Clear & Grub	ha (AC)	2.02 (            5)	32,592	(66)	
Total from Continuation page				(3,326)	
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST				6,134	
CONTINGENCY PERCENT (5.00%)				307	
SUBTOTAL				6,441	
SUPV, INSP & OVERHEAD (5.70%)				367	
TOTAL REQUEST				6,808	
TOTAL REQUEST (ROUNDED)				6,800	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct gravel access roads to the magazines. Provide storm drainage and railroad crossings. Repair and upgrade igloo rail spurs to accommodate truck traffic to igloo loading docks. Provide turning radii that will accommodate modern trucks and a stub road at each magazine for trucks to turn and back up to the magazine docks. Construct two additional magazine group line roads in the 41LC magazine group to accommodate the new gravel access roads.					
11. REQ:                      104 EA    ADQT:                      NONE            SUBSTD:                      NONE					
<u>PROJECT:</u> Construct gravel access roads to magazines that currently have rail access only. This project supports the Army's Strategic Mobility Program (ASMP). (Current Mission)					
<u>REQUIREMENT:</u> McAlester Army Ammunition Plant (MCAAP) has been designated a Tier one installation. The ability to respond rapidly in support of the Rapid Deployment Forces requires the elimination of double handling of the munitions in the shipping and outloading area. 46LC magazine group requires 28 gravel access roads, each 20 foot wide. 45DC magazine group requires 29 gravel access					

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  McAlester Army Ammunition Plant, Oklahoma		
4.PROJECT TITLE  Ammunition Road Infrastructure		5.PROJECT NUMBER  50881

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Upgrade Igloo Rail Spurs	m (LF)	3,645 ( 11,960)	721.33	(2,630)
41LC Line Rds	m2 (SY)	19,621 ( 23,467)	35.45	(696)
			Total	3,326

REQUIREMENT: (CONTINUED)  
roads, each 20 foot wide. 43DC magazine group requires 20 gravel access roads, each 20 foot wide. 41LC magazine group requires 27 gravel access roads to the magazines, each 20 foot wide, and two gravel line roads, each one mile long.  
CURRENT SITUATION: Currently, the magazines have rail only access. Magazines with rail only access creates a problem for stuffing and shipping containers in the timeframes required by the Army Strategic Mobility Program (ASMP). Double handling of ammunition and containers, along with tying up work crews and high-demand equipment will result in the only way to access 104 igloos is via rail. Rail crews and locomotives will be tied up ferrying ammunition to the ammunition container complex rather than being more efficiently utilized building the three, 60-car trains that will leave McAlester AAP on a daily basis during a Major Regional Crisis (MRC). This will cause operational bottlenecks and create problems in meeting the ammunition loading required by MCAAP.

IMPACT IF NOT PROVIDED: If this project is not provided, this installation will not be able to increase and sustain ammunition shipping operations consistent with ASMP requirements for a TIER 1 facility. Delays in shipping & outloading of ammunition could delay departure of munitions to the Rapid Deployment Force, or leave deployed elements critically short of ammunition if sustainment stocks do not arrive in the theater as planned.

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. Alternate methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. 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>FEB 1999</u>
(b) Percent Complete As Of January 1999.....	<u>.00</u>
(c) Date 35% Designed.....	<u>JUN 1999</u>
(d) Date Design Complete.....	<u>DEC 1999</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																						
ARMY		08 FEB 1999																						
3. INSTALLATION AND LOCATION																								
McAlester Army Ammunition Plant, Oklahoma																								
4. PROJECT TITLE		5. PROJECT NUMBER																						
Ammunition Road Infrastructure		50881																						
<p>12. <u>SUPPLEMENTAL DATA:</u> (Continued)</p> <p style="margin-left: 20px;">A. Estimated Design Data: (Continued)</p> <p style="margin-left: 40px;">(2) Basis:</p> <p style="margin-left: 60px;">(a) Standard or Definitive Design: NO</p> <p style="margin-left: 40px;">(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table style="margin-left: 60px; border-collapse: collapse;"> <tr> <td style="width: 60%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right; border-bottom: 1px solid black;">400</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right; border-bottom: 1px solid black;">150</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td style="text-align: right; border-bottom: 1px solid black;">550</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right; border-bottom: 1px solid black;">450</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right; border-bottom: 1px solid black;">100</td> </tr> </table> <p style="margin-left: 40px;">(4) Construction Start..... <u>MAR 2000</u></p> <p style="margin-left: 40px;">(5) Construction Completion..... <u>MAR 2001</u></p> <p style="margin-left: 20px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="margin-left: 40px; width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 30%;"><u>Equipment</u></th> <th style="text-align: left; width: 30%;"><u>Procuring</u></th> <th style="text-align: left; width: 20%;"><u>Fiscal Year</u></th> <th style="text-align: left; width: 20%;"><u>Cost</u></th> </tr> <tr> <th style="text-align: left;"><u>Nomenclature</u></th> <th style="text-align: left;"><u>Appropriation</u></th> <th style="text-align: left;"><u>Or Requested</u></th> <th style="text-align: left;"><u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding-top: 20px;">NONE</td> </tr> </tbody> </table>			(a) Production of Plans and Specifications.....	400	(b) All Other Design Costs.....	150	(c) Total Design Cost.....	550	(d) Contract.....	450	(e) In-house.....	100	<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			
(a) Production of Plans and Specifications.....	400																							
(b) All Other Design Costs.....	150																							
(c) Total Design Cost.....	550																							
(d) Contract.....	450																							
(e) In-house.....	100																							
<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: Patrick M. O'Brien Phone Number: 918 420-7688																								

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION McAlester Army Ammunition Plant Oklahoma			4.PROJECT TITLE  Fire Station		
5.PROGRAM ELEMENT  72896A	6.CATEGORY CODE  730	7.PROJECT NUMBER  50984	8.PROJECT COST (\$000) Auth                      3,000 Approp                    900		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Fire Station	m2 (SF)	1,003 ( 10,800)	1,407	1,530 (1,412)	
Relocate Antenna	LS	--	--	(5)	
Building Information Systems	LS	--	--	(113)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	1,164 (310)	
Paving, Walks, Curbs & Gutters	LS	--	--	(170)	
Site Imp( 220) Demo( )	LS	--	--	(220)	
Information Systems	LS	--	--	(463)	
Archeology	LS	--	--	(1)	
ESTIMATED CONTRACT COST				2,694	
CONTINGENCY PERCENT (5.00%)				135	
SUBTOTAL				2,829	
SUPV, INSP & OVERHEAD (5.70%)				161	
TOTAL REQUEST				2,990	
TOTAL REQUEST (ROUNDED)				3,000	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a modified standard design 1,003 m2 building on a concrete slab. The facility will have provisions for a 24 hour/day, 365 days/yr manned site, to include a kitchen facility, restrooms, 16 sleeping quarters, a radio communications area, automatic data processing capability, exercise area, general living room area, and four stalls 24.4M long to accommodate the fire trucks and other required vehicles, including storage areas for associated equipment. Relocate the existing equipment and radio antenna to the new facility.					
11. REQ:                      1,003 m2    ADQT:                      NONE                      SUBSTD:                      669 m2					
PROJECT: Construct a fire station. (Current Mission)					
REQUIREMENT: This project is needed at a central location to provide fire and emergency service within required response times. The centrally located fire station will allow sufficient personnel to respond to all fires and to conduct search and rescue mission while leaving sufficient personnel to respond to other emergencies. The new building will provide equipment shelters for larger equipment required to support fire protection for new installation					

1. COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  08 FEB 1999
3. INSTALLATION AND LOCATION  McAlester Army Ammunition Plant, Oklahoma		
4. PROJECT TITLE  Fire Station		5. PROJECT NUMBER  50984
<p><u>REQUIREMENT:</u>      (CONTINUED)</p> <p>buildings. The two existing fire stations will be closed and equipment moved to the new station.</p> <p><u>CURRENT SITUATION:</u>      MCAAP currently has two fire stations, a main station in the Industrial area and a remote station in the restricted area. The main station is responsible for the administrative area, industrial shops, vehicle and locomotive garages, warehouses, clubs, family housing, and day care. The remote station covers the five production areas, the Defense Reutilization and Marketing Office (DRMO), and the remote storage sites. With the recent construction of DAC facilities in the administrative and eastern areas of the plant, much of the emphasis on fire protection is shifted. The school portion of DAC will accommodate 1,000-1,200 transient students during the training year. The DAC Headquarters building will have 4,460 m2 of floor area. Both engine companies will be required to make adequate emergency responses to the industrial area or the restricted area when a Emergency Medical Service (EMS) situation arises. A combined centrally located station, will insure adequate manning and equipment for all foreseen emergency responses to both MCAAP and DAC. The proposed location is well within mandated time and distance requirements.</p> <p><u>IMPACT IF NOT PROVIDED:</u>      If this project is not provided, MCAAP will not be able to comply with the Department of Defense and Army mandated emergency response times. The first arriving units will be within the five minute requirement, but the second arriving units will not be able to meet the ten minute requirement. Sufficient personnel and equipment will not be available for over ten minutes to initiate search and rescue and fire suppression actions. This is an unacceptable risk to the life safety of the occupants and the firefighters. In addition, a new \$385,000 fire truck is due in March 1999. This truck will not fit in either of the existing fire stations. If the new station is not completed by next winter, it will be exposed to the extremes of the weather.</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. Alternative methods of meeting this requirement were evaluated. This project is the only feasible option to meet this requirement. A parametric cost estimate was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a)	Date Design Started.....	<u>OCT 1998</u>
(b)	Percent Complete As Of January 1999.....	<u>35.00</u>
(c)	Date 35% Designed.....	<u>JAN 1999</u>
(d)	Date Design Complete.....	<u>APR 1999</u>
(e)	Parametric Cost Estimating Used to Develop Costs	<u>YES</u>

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  McAlester Army Ammunition Plant, Oklahoma		
4.PROJECT TITLE  Fire Station	5.PROJECT NUMBER  50984	

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:  
Fort Sill

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

(a) Production of Plans and Specifications..... 150

(b) All Other Design Costs..... 150

(c) Total Design Cost..... 300

(d) Contract..... 200

(e) In-house..... 100

(4) Construction Start..... NOV 1999

(5) Construction Completion..... NOV 2000

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: Patrick M. O'Brien

Phone Number: DSN 956-7688

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Fort Sill Oklahoma		4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  0.93	

6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1998	1430	9539	1811	639	4710	1	63	607	3744	22,544	
B. END FY 2005	1405	9890	2039	475	5838	1	63	628	3874	24,213	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	37,973 ha (93,832 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	564,500
C. AUTHORIZATION NOT YET IN INVENTORY.....	78,375
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	13,200
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	13,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	118,352
H. GRAND TOTAL.....	774,427

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
860	41630	Rail and Containerization Facility	13,200	04/1998 08/1999
TOTAL			13,200	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
214	Tactical Equipment Shop	13,000
TOTAL		13,000
B. PLANNED NEXT FOUR 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



1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Sill Oklahoma		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (...CONTINUED)		
		(\$000)
B. WATER POLLUTION		0
C. OCCUPATIONAL SAFETY AND HEALTH		0
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$401,355,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Sill Oklahoma			4.PROJECT TITLE Rail and Containerization Facility		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  860	7.PROJECT NUMBER  41630	8.PROJECT COST (\$000) Auth                    13,200 Approp                2,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				7,586	
Railroad Tracks	m (LF)	5,404 ( 17,730)	356.17	(1,925)	
Loading Ramps	EA	5 --	33,456	(167)	
Turnouts	EA	11 --	39,120	(430)	
Crossings	m (LF)	61.57 ( 202)	824.57	(51)	
Marshalling Hardstand	m2 (SY)	19,937 ( 23,844)	38.47	(767)	
Total from Continuation page				(4,246)	
<u>SUPPORTING FACILITIES</u>				4,320	
Electric Service	LS	--	--	(520)	
Water, Sewer, Gas	LS	--	--	(212)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,364)	
Storm Drainage	LS	--	--	(409)	
Site Imp( 1,671) Demo( 90)	LS	--	--	(1,760)	
Information Systems	LS	--	--	(55)	
ESTIMATED CONTRACT COST				11,906	
CONTINGENCY PERCENT (5.00%)				595	
SUBTOTAL				12,501	
SUPV, INSP & OVERHEAD (5.70%)				713	
TOTAL REQUEST				13,214	
TOTAL REQUEST (ROUNDED)				13,200	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct rail yard with new track, a wye, five concrete end-loading ramps, relocate bi-level ramp, high-mast lighting, paved marshaling area, container staging, stuffing, storage area, and vehicle scales (70 ton capacity). Provide a secure, paved area for the weighing, inspecting, and staging of 510 vehicles. Relocate bridge crane. Provide lightning protection of rail area site. Rebuild some of the existing sidings not previously upgraded. Construct a rail operation building with administrative space; latrines; tool room; break, first aid, and briefing areas; and storage. Heating (gas-fired) will be provided by a self-contained system for the operation building. Air conditioning (2 tons) will be provided for the operations building. Replace displaced ammunition storage with standard-design box type ammunition magazines, provide ammunition magazines with alarm systems compatible with Fort Sill alarm monitoring system. Supporting facilities include extension of existing utility services to the rail operations building, electric service, area and security lighting, fire protection and alarm systems, access roads, storm drainage, sanitary sewer, fencing, information systems, and site improvements. Access for the					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																																							
ARMY		08 FEB 1999																																																							
3. INSTALLATION AND LOCATION																																																									
Fort Sill, Oklahoma																																																									
4. PROJECT TITLE	5. PROJECT NUMBER																																																								
Rail and Containerization Facility	41630																																																								
<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: right;">Unit COST</th> <th style="text-align: right;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>Staging Hardstand</td> <td>m2 (SY)</td> <td>5,388 ( 6,444)</td> <td style="text-align: right;">39.01</td> <td style="text-align: right;">(210)</td> </tr> <tr> <td>Container Storage Hardstand</td> <td>m2 (SY)</td> <td>9,076 ( 10,855)</td> <td style="text-align: right;">33.10</td> <td style="text-align: right;">(300)</td> </tr> <tr> <td>Yard Surfacing</td> <td>m2 (SY)</td> <td>24,080 ( 28,800)</td> <td style="text-align: right;">11.76</td> <td style="text-align: right;">(283)</td> </tr> <tr> <td>Truck Scale</td> <td>EA</td> <td>1 --</td> <td style="text-align: right;">125,318</td> <td style="text-align: right;">(125)</td> </tr> <tr> <td>Rail Operations Center</td> <td>m2 (SF)</td> <td>320.52 ( 3,450)</td> <td style="text-align: right;">1,115</td> <td style="text-align: right;">(357)</td> </tr> <tr> <td>Add VIEw Windows To Exist. Bldg</td> <td>EA</td> <td>4 --</td> <td style="text-align: right;">1,066</td> <td style="text-align: right;">(4)</td> </tr> <tr> <td>Ammunition Magazines</td> <td>EA</td> <td>10 --</td> <td style="text-align: right;">294,319</td> <td style="text-align: right;">(2,943)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td>--</td> <td style="text-align: right;">--</td> <td style="text-align: right;">(24)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">4,246</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Staging Hardstand	m2 (SY)	5,388 ( 6,444)	39.01	(210)	Container Storage Hardstand	m2 (SY)	9,076 ( 10,855)	33.10	(300)	Yard Surfacing	m2 (SY)	24,080 ( 28,800)	11.76	(283)	Truck Scale	EA	1 --	125,318	(125)	Rail Operations Center	m2 (SF)	320.52 ( 3,450)	1,115	(357)	Add VIEw Windows To Exist. Bldg	EA	4 --	1,066	(4)	Ammunition Magazines	EA	10 --	294,319	(2,943)	Building Information Systems	LS	--	--	(24)				Total	4,246
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Building Information Systems	LS	--	--	(24)																																																					
			Total	4,246																																																					
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> handicapped will be provided in the rail operations building. Demolish one building (261 m2).																																																									
11. REQ:                      24 km    ADQT:                      13 km    SUBSTD:                      3 km <u>PROJECT:</u> Construct rail yard with new track and container handling facility in support of the Army's Strategic Mobility Program. (Current Mission) <u>REQUIREMENT:</u> This project is required to provide rail capability to rapidly load and deploy contingency task force units. Fort Sill must maintain capability to simultaneously receive, store, load and ship more than 170 railcars per day to meet port delivery requirements. These facilities need to be located adjacent to the unit motor pools to streamline deployment operations. Adequate marshaling and loading areas are needed. A containerization area is needed to receive and load military-owned vehilces (MILVAN)/SEALAND containers simultaneously with unit equipment being loaded at the main rail yard. To meet the Power Projection mission and make best use of available land, the existing railyard will be used for storage and loading, and shipping will be done from a new railhead. This will require that several storage magazines be relocated. <u>CURRENT SITUATION:</u> Fort Sill currently has capability to receive and load 104 railcars. Loading is accomplished at four different loading platforms with capability to load five separate strings of rail cars. The main rail yard is currently located in a highly congested built-up area and crosses two major roadways leading to installation operational facilities. One of these roads also serves as a major north/south truck route. During loadouts the major roadways are blocked by railcars and traffic must be routed over one mile out of the way. No room exists to marshall unit vehicles to the loading ramps except along roadways. No room exists to store empty railcars waiting to be pulled into line for loading. No room exists to store loaded railcars awaiting commercial carriers to be pulled away. During Operation Desert Storm, empty																																																									

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Sill, Oklahoma		
4.PROJECT TITLE  Rail and Containerization Facility		5.PROJECT NUMBER  41630
<p><u>CURRENT SITUATION:</u>      (CONTINUED)</p> <p>cars were stored as much as 30 miles away until Fort Sill could accept them. Loaded railcars were pulled off-post and stored on privately owned rail until port call was received. Security guards were required along the rail car strings. The owning rail company at that time was agreeable to allow Fort Sill the use of their rail and routed their own traffic around the area. No rail operations building or maintenance building exists on Fort Sill. During Operation Desert Storm, rail operation building requirements were met with portable latrines, tents, a donated caboose and several Container Express (CONEX) containers.</p> <p><u>IMPACT IF NOT PROVIDED:</u>      If this project is not provided, Fort Sill will be unable to effectively meet its Power Projection Platform mission. The continuous movement of loaded railcars in an efficient manner to meet port calls will be unachievable. Fort Sill will be required to rely upon the goodwill of local rail companies to meet the minimum requirements for delivery and storage of empty and loaded railcars. Continuous repair of roadways and shoulders will be required as units continue to marshall equipment along the roadways awaiting loadout on the rail system. Unit containers will continue to be shipped separate from unit vehicles. Congestion at the existing rail yard will continue to block roadways and impede other activity operations. Without the rail operations building rail loading staff and unit loading personnel will continue to work under adverse weather conditions in makeshift facilities. Without the relocation of the ammunition storage magazines, Fort Sill will be unable to adequately expand rail yard capabilities where it is needed.</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. 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 based on project engineering was used to develop this budget estimate.</p>		
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... APR 1998</p> <p>(b) Percent Complete As Of January 1999..... 20.00</p> <p>(c) Date 35% Designed..... MAR 1999</p> <p>(d) Date Design Complete..... AUG 1999</p> <p>(e) Parametric Cost Estimating Used to Develop Costs YES</p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p>		



DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----		-----	-----	-----	-----	-----
Oregon		Umatilla Depot Activity (AMC)				235
	50009	Ammunition Demilitarization Fac Ph V	0	35,900	N	237
		Subtotal Umatilla Depot Activity PART I	\$ 0	35,900		
		* TOTAL MCA FOR Oregon	\$ 0	35,900		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Umatilla Depot Activity Oregon		4. COMMAND  US Army Materiel Command			5. AREA CONSTRUCTION COST INDEX  1.19	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	1	5	175	0	0	0	0	0	10	191
B. END FY 2005	1	5	190	0	0	0	0	0	8	204

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	7,984 ha (19,729 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	42,069
C. AUTHORIZATION NOT YET IN INVENTORY.....	11,100
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	35,900
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	242,600
H. GRAND TOTAL.....	331,769

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
216	50009	Ammunition Demilitarization Fac Ph V	35,900	10/1987 01/1994
TOTAL			35,900	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
<p>Operate a reserve storage depot activity under the command of Tooele Army Depot, providing for care, preservation and minor maintenance of assigned commodities, including chemical and conventional munitions. It also provides limited maintenance to preclude deterioration of activity facilities and has limited shipping and receiving capabilities of assigned commodities.</p>	

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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Umatilla Depot Activity                      Oregon		
REMARKS : Non ISR Installation.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Umatilla Depot Activity Oregon			4.PROJECT TITLE Ammunition Demilitarization Fac Ph V		
5.PROGRAM ELEMENT  78007A	6.CATEGORY CODE  216	7.PROJECT NUMBER  50009	8.PROJECT COST (\$000) Auth Approp      35,900		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Munition Demil Building	m2 (SF)	7,661 ( 82,466)	11,263	140,008 (86,287)	
Process & Utility Building	m2 (SF)	2,310 ( 24,864)	4,593	(10,610)	
Container Handling Building	m2 (SF)	4,138 ( 44,537)	4,616	(19,101)	
Process Support Building (PSB)	m2 (SF)	1,186 ( 12,767)	3,056	(3,624)	
Personnel Maintenance Building	m2 (SF)	1,892 ( 20,363)	3,504	(6,629)	
Total from Continuation page				(13,757)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	34,139 (14,024)	
Water, Sewer, Gas	LS	--	--	(5,110)	
Paving, Walks, Curbs & Gutters	LS	--	--	(6,473)	
Storm Drainage	LS	--	--	(1,537)	
Site Imp( 6,059) Demo(      )	LS	--	--	(6,059)	
Information Systems	LS	--	--	(936)	
ESTIMATED CONTRACT COST				174,147	
CONTINGENCY PERCENT (5.00%)				8,707	
SUBTOTAL				182,854	
SUPV, INSP & OVERHEAD (5.70%)				10,423	
TOTAL REQUEST				193,277	
TOTAL REQUEST (ROUNDED)				193,277	
INSTALLED EQT-OTHER APPROP				(167,270)	
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 V (\$35.9 million). Increment I (Project Number (PN) 17701, \$12.0 million) was approved in the FY 95 MILCON program, Increment II (PN 45383, \$64.0 million) was approved in FY 97, Increment III (PN 47256, \$57.427 million) was approved in FY 98, and Increment IV (PN 47257, \$23.95 million) is included in the FY 99 MILCON budget. This project, at full funding and authorization, will result in the construction of a site-adapted toxic chemical munitions demilitarization complex for processing lethal chemical munitions presently stored at Umatilla Depot Activity . Primary facilities include a munitions demilitarization building (MDB) with blast containment area connected to a munitions container handling building (CHB) by an enclosed corridor; a process utilities building (PUB) with bulk chemical storage, brine reduction storage facilities and a central boiler room; a personnel support and maintenance facility with change rooms, maintenance shop and storage facility, medical treatment area, lunch room and conference room; a process support and administrative building; a chemical analysis laboratory; and entry control facility; rehab warehouse; and office/storage space and laboratory for non-US inspectors and associated US escorts. Special features include blast doors, fire protection, a cascading					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Umatilla Depot Activity, Oregon		
4. PROJECT TITLE		5. PROJECT NUMBER
Ammunition Demilitarization Fac Ph V		50009
<u>9. COST ESTIMATES (CONTINUED)</u>		
Item	UM (M/E)	QUANTITY
		Unit COST
		Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>		
Entry Control Facility	m2 (SF)	115.85 ( 1,247) 13,416 (1,554)
Laboratory	m2 (SF)	880.16 ( 9,474) 10,613 (9,342)
Warehouse Renovation	m2 (SF)	3,066 ( 33,000) 311.83 (956)
IDS Installation	LS	-- -- (1,150)
Building Information Systems	LS	-- -- (755)
		Total 13,757
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u>		
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, explosion-proof electrical fixtures. Install an intrusion detection system (IDS). Supporting facilities include utilities; electrical substation and distribution system; sewage pump station; paving, surfacing, walks, curbs and gutters; storm drainage; security fencing, gates and lighting; information systems; fuel storage and distribution; and site improvements. Heating will be provided by a natural gas fired central unit. Air conditioning (500 tons) will be provided by self-contained units.		
<u>11. REQ:</u> 1 EA    ADQT:                      NONE                      SUBSTD:                      NONE		
<u>PROJECT:</u> Construct a standard-design toxic chemical munitions demilitarization complex to dispose of chemical agents and munitions. (New Mission)		
<u>REQUIREMENT:</u> This project is required to provide the capability to demilitarize and dispose of the lethal toxic chemical agents and munitions stored at this location in a safe, environmentally acceptable manner. Congress has mandated the disposal to the unitary chemical stockpiles. 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.		
<u>CURRENT SITUATION:</u> Rockets mines, projectiles, bombs and spray tanks containing lethal chemical agents are stored in igloos at the installation; one-ton containers are stored in a warehouse at the installation. 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 safety storage continue to accrue. No other acceptable disposal facilities are available.		
<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		

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Umatilla Depot Activity, Oregon		
4.PROJECT TITLE  Ammunition Demilitarization Fac Ph V	5.PROJECT NUMBER  50009	

IMPACT IF NOT PROVIDED:    (CONTINUED)

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 security measures are included. Also, no anti-terrorism/force protection measures are required.

**12.    SUPPLEMENTAL DATA:**

A.    Estimated Design Data:

(1)    Status:

(a)    Date Design Started.....	<u>OCT 1987</u>
(b)    Percent Complete As Of January 1999.....	<u>100.00</u>
(c)    Date 35% Designed.....	<u>MAR 1990</u>
(d)    Date Design Complete.....	<u>JAN 1994</u>
(e)    Parametric Cost Estimating Used to Develop Costs	<u>NO</u>

(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>5,590</u>
(b)    All Other Design Costs.....	<u>5,820</u>
(c)    Total Design Cost.....	<u>11,410</u>
(d)    Contract.....	<u>5,590</u>
(e)    In-house.....	<u>5,820</u>

(4)    Construction Start.....    FEB 1997

(5)    Construction Completion.....    APR 2000

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	CAMDD	1993	46,996
Process Equipment	CAMDD	1994	3,301
Process Equipment	CAMDD	1995	27,079
Process Equipment	CAMDD	1996	15,239
Process Equipment	CAMDD	1997	7,461
Process Equipment	CAMDD	1998	111
Process Equipment	CAMDD	1999	1,500

1.COMPONENT  ARMY	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2.DATE  08 FEB 1999																
3.INSTALLATION AND LOCATION  Umatilla Depot Activity, Oregon																			
4.PROJECT TITLE  Ammunition Demilitarization Fac Ph V		5.PROJECT NUMBER  50009																	
12. SUPPLEMENTAL DATA: (CONTINUED) <table> <tr> <td>Process Equipment</td> <td>CAMDD</td> <td>2000</td> <td>4,225</td> </tr> <tr> <td>Carbon Filtration System</td> <td>CAMDD</td> <td>1997</td> <td>25,658</td> </tr> <tr> <td>Carbon Filtration System</td> <td>CAMDD</td> <td>1999</td> <td>35,700</td> </tr> <tr> <td colspan="3">TOTAL</td> <td>167,270</td> </tr> </table>				Process Equipment	CAMDD	2000	4,225	Carbon Filtration System	CAMDD	1997	25,658	Carbon Filtration System	CAMDD	1999	35,700	TOTAL			167,270
Process Equipment	CAMDD	2000	4,225																
Carbon Filtration System	CAMDD	1997	25,658																
Carbon Filtration System	CAMDD	1999	35,700																
TOTAL			167,270																
<p>Installation Engineer: LTC James Lyman</p> <p>Phone Number: 503 945-3871</p>																			

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE
-----	-----	-----	-----	-----	-----	-----
Pennsylvania		Carlisle Barracks (TRADOC)				243
	33781	Whole Barracks Complex Renewal	5,000	750	C	245
		Subtotal Carlisle Barracks PART I	\$ 5,000	750		
		Letterkenny Army Depot (AMC)				249
	49145	Ammunition Containerization Complex	3,650	570	C	251
		Subtotal Letterkenny Army Depot PART I	\$ 3,650	570		
		* TOTAL MCA FOR Pennsylvania	\$ 8,650	1,320		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Carlisle Barracks Pennsylvania	4. COMMAND  US Army Training and Doctrine Command	5. AREA CONSTRUCTION COST INDEX  0.97

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	160	158	578	337	0	18	32	2	323	1,608
B. END FY 2005	155	159	534	347	0	28	32	2	323	1,580

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	163 ha (403 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	88,252
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	5,000
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	11,200
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	2,050
H. GRAND TOTAL.....	95,302

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
	CODE NUMBER			
	721 33781	Whole Barracks Complex Renewal	5,000	10/1998 09/1999
TOTAL			5,000	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
CODE		
A. REQUESTED IN THE FY 2001 PROGRAM:		
610	Academic Research Facility	11,200
TOTAL		11,200
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
Provide administrative and logistical support for the operation of the U.S. Army Garrison, U.S. Army War College, U.S. Army Military History Institute, U.S. Dunham Army Hospital and other tenant units and activities.	

11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:	
A. AIR POLLUTION	(\$000) 0





1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Carlisle Barracks Pennsylvania			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  721	7.PROJECT NUMBER  33781	8.PROJECT COST (\$000) Auth                      5,000 Approp                    750		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				3,571	
Barracks	m2 (SF)	1,853 ( 19,950)	1,544	(2,862)	
Company Operations Facility	m2 (SF)	371.61 ( 4,000)	1,466	(545)	
IDS Installation	LS	--	--	(6)	
Antiterrorism Force Protection	LS	--	--	(31)	
Building Information Systems	LS	--	--	(127)	
<u>SUPPORTING FACILITIES</u>				931	
Electric Service	LS	--	--	(22)	
Water, Sewer, Gas	LS	--	--	(57)	
Steam And/Or Chilled Water Dist	LS	--	--	(60)	
Paving, Walks, Curbs & Gutters	LS	--	--	(78)	
Storm Drainage	LS	--	--	(20)	
Site Imp( 244) Demo( 377)	LS	--	--	(621)	
Information Systems	LS	--	--	(25)	
Antiterrorism Force Protection	LS	--	--	(48)	
ESTIMATED CONTRACT COST				4,502	
CONTINGENCY PERCENT (5.00%)				225	
SUBTOTAL				4,727	
SUPV, INSP & OVERHEAD (5.70%)				269	
TOTAL REQUEST				4,996	
TOTAL REQUEST (ROUNDED)				5,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard-design whole barracks complex. Project includes barracks with one company operations facility with arms room. Soldier community activities, to include bulk storage, will be incorporated into the barracks facility. Barracks includes living/sleeping rooms, semi-private baths, walk-in closets, storage, and service areas. Install an intrusion detection system (IDS) in arms room. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs with gutters; parking and access roads; storm drainage; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided from existing installation central heat plant. Heating and air conditioning systems (60 tons) will include hot and chilled water piping with fan coil units for individual occupants control. Demolish existing barracks (one building 7,409 m2). Demolition includes removal of asbestos containing material and lead based paint abatement. Comprehensive building and furnishings related interior design services are required. Anti-terrorism/force protection measures include fragment retention window film, electronic entry control hardware for exterior					

1.COMPONENT  ARMY	FY 2000    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Carlisle Barracks, Pennsylvania		
4.PROJECT TITLE  Whole Barracks Complex Renewal		5.PROJECT NUMBER  33781
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <p>doors and common use areas, exterior site lighting, and passive vehicle restraint barriers (planters).</p>		
<p>11. REQ:                    48 PN    ADQT:                    NONE                    SUBSTD:                    48 PN</p> <p>PROJECT: Construct a standard-design barracks complex with integral soldier community activities and one company operations facility with arms room. (Current Mission)</p> <p>REQUIREMENT: This project is required to provide adequate, standard housing and administrative support facilities that comply with current Army standards for size, security, storage and privacy for unaccompanied permanent party personnel. Maximum utilization is 48 personnel with intended utilization of 40 (32 E1-E4 and 8 E5-E6). This will complete the barracks program at Carlisle Barracks.</p> <p>CURRENT SITUATION: The existing barracks, built in 1939, was last renovated in 1973. The three-story masonry structure, with central corridors and gang latrines, does not provide adequate facilities due to limited space and privacy. Existing two and three person living/sleeping rooms do not provide space or features to meet minimum Army standards. Company operations are colocated in the basement of existing barracks. Existing heating, ventilation and air conditioning (HVAC) system has exceeded its useful life. Electrical power wiring and lighting are dated and do not meet current building requirements. Voice and data communications capability is insufficient to meet today's needs. Existing architectural features include painted masonry block walls, concrete floors with vinyl floor tile, and suspended acoustical tile ceilings. Acoustical treatment is totally inadequate. Existing plumbing system has repeated failures and at times presents unsanitary conditions.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, permanent party enlisted personnel will continue to be housed in substandard facilities, resulting in lower morale and retention rates. Improvements, in keeping with the Army's Communities of Excellence program, will not be provided which will adversely affect the welfare of these barracks residents.</p> <p>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. During the last two years \$150K of Real Property Maintenance has been spent for unaccompanied enlisted personnel housing at Carlisle Barracks. Upon completion of this project, the remaining unaccompanied enlisted party deficit is zero personnel at this installation.</p>		

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Carlisle Barracks, Pennsylvania		
4.PROJECT TITLE  Whole Barracks Complex Renewal	5.PROJECT NUMBER  33781	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>OCT 1998</u>
(b) Percent Complete As Of January 1999.....	<u>20.00</u>
(c) Date 35% Designed.....	<u>MAR 1999</u>
(d) Date Design Complete.....	<u>SEP 1999</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:  
Fort Detrick

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

(a) Production of Plans and Specifications.....	<u>300</u>
(b) All Other Design Costs.....	<u>150</u>
(c) Total Design Cost.....	<u>450</u>
(d) Contract.....	<u>350</u>
(e) In-house.....	<u>100</u>

(4) Construction Start..... MAR 2000

(5) Construction Completion..... SEP 2001

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

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

Installation Engineer: Alan K. Thompson, P.E.

Phone Number: 717 245-4040

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Letterkenny Army Depot Pennsylvania	4. COMMAND  US Army Materiel Command	5. AREA CONSTRUCTION COST INDEX  1.02

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	5	20	2147	0	0	0	1	1	617	2,791
B. END FY 2005	3	21	1376	0	0	0	0	0	489	1,889

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	7,788 ha (19,245 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	124,674
C. AUTHORIZATION NOT YET IN INVENTORY.....	6,263
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	3,650
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	5,650
H. GRAND TOTAL.....	140,387

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
141	49145	Ammunition Containerization Complex	3,650	02/1999 10/1999
TOTAL			3,650	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
A.	REQUESTED IN THE FY 2001 PROGRAM:	NONE
B.	PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY):	NONE

10. MISSION OR MAJOR FUNCTIONS:
<p>Letterkenny's mission is twofold, maintenance and supply. In the maintenance area, Letterkenny is the Army's prime depot and center for technical excellence for the maintenance, overhaul, and repair of Army towed and self-propelled artillery systems, and air defense missile systems. The depot also has a significant supply mission which includes the receipt, storage, care and preservation, packaging, and issue of general supplies, as well as the management of depot operating supplies and equipment. The recently created Directorate for Ammunition Operations, once a division of the Supply Directorate, performs the same functions for conventional ammunition.</p>

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: Letterkenny Army Depot                      Pennsylvania										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table> <tr> <td></td> <td>(\$000)</td> </tr> <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> </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 estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$95,247,000, based on the Installation Status Report information on conditions as of October 1998.										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Letterkenny Army Depot Pennsylvania			4.PROJECT TITLE Ammunition Containerization Complex		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  141	7.PROJECT NUMBER  49145	8.PROJECT COST (\$000) Auth                      3,650 Approp                    570		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Container Repair Facility	m2 (SF)	557.42 (    6,000)	888.02	2,839 (495)	
Container Transfer Facility	m2 (SF)	232.26 (    2,500)	888.01	(206)	
Transfer Pads	m2 (SY)	9,281 (    11,100)	102.26	(949)	
Storage Yards	m2 (SY)	9,272 (    11,089)	11.74	(109)	
Lightning Protection	EA	7 --	29,473	(206)	
Total from Continuation page				(874)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	577 (211)	
Water, Sewer, Gas	LS	--	--	(205)	
Storm Drainage	LS	--	--	(31)	
Site Imp(    112) Demo(    16)	LS	--	--	(128)	
Information Systems	LS	--	--	(2)	
ESTIMATED CONTRACT COST				3,416	
CONTINGENCY PERCENT (5.00%)				<u>171</u>	
SUBTOTAL				3,587	
SUPV, INSP & OVERHEAD (5.70%)				<u>204</u>	
TOTAL REQUEST				3,791	
TOTAL REQUEST (ROUNDED)				3,800	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct an ammunition container complex (ACC) to include a container repair facility and a container stuffing/transfer facility. Each facility will contain separate functional building with office and rest rooms, transfer pads, exterior electrical lighting for 24 hour operations and lightning protection, fire protection and alarms, and information systems. Supporting facilities include utilities, electric service, transformer, sewer, access roads, storm drainage, information systems, and site improvements. Heating will be provided by an oil-fired boiler. Air conditioning (1.5 tons) will be provided for office areas. Demolish two buildings (293 m2).					
11. REQ:                      790 m2    ADQT:                      NONE                      SUBSTD:                      NONE					
<u>PROJECT:</u> Construct an ammunition container complex, in support of the Army's Strategic Mobility Program. (Current Mission)					
<u>REQUIREMENT:</u> This project is required to meet the Army Strategic Mobility Program (AMSP) outloading requirement. Outloading is based on the Industrial Operations Command (IOC) tiering of depots and ammunition container					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Letterkenny Army Depot, Pennsylvania		
4. PROJECT TITLE		5. PROJECT NUMBER
Ammunition Containerization Complex		49145
<u>9. COST ESTIMATES (CONTINUED)</u>		
Item	UM (M/E)	QUANTITY
		Unit COST
		Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>		
Asphalt Road	m (LF)	1,295 ( 4,250) 662.73 (859)
Building Information Systems	LS	-- -- (15)
		Total 874
<u>REQUIREMENT: (CONTINUED)</u> requirements as identified in the Mobility Requirements Study. The data from these requirements increased the number of containers to be outloaded by 52 percent daily. Letterkenny Army Depot (LEAD) will store containers and CROPS for Tier 1 facilities. LEAD is a Tier 1 facility for missiles and would immediately begin shipping Army, Air Force and Navy assets to multiple airfields and ports.		
<u>CURRENT SITUATION:</u> Under ASMP, this site is assigned a shipping requirement of 114 containers per day. This is an increase of 52 percent over the previous ASMP loading requirement. Incoming empty containers (standard steel 8'x20' weathertight military-owned vehicle (MILVAN) or commercial cargo containers) are off-loaded and temporarily stored in a holding/storage area that has no inspection or repair facilities, lacks a proper surface for sustained operations and is too small to meet projected empty container storage needs. Ammunition is now triple-handled, moving by semi-trailer or straddle carrier from the igloo to a loading pad, stuffed into a container, and the container subsequently picked up and loaded on a railcar for shipment. Loading and unloading surfaces now used are narrow asphalt transfer pads whose surfaces were quickly destroyed by container loading during Desert Storm; the extreme loads imposed by the Rough Terrain Container Handler required to load/move loaded containers require a heavy-duty surface for continuing operations.		
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, this Depot will not be able to increase ammunition shipping operations consistent with ASMP requirements. Delays in delivery of ammunition could delay departure of elements of the Rapid Reaction Force, or leave deployed elements critically short of ammunition should follow-on stocks not arrive in theater as planned.		
<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. Alternative methods of meeting this requirement were evaluated. This project is the only feasible option to meet this requirement. A parametric cost estimate was used to develop this budget estimate.		

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Letterkenny Army Depot, Pennsylvania		
4.PROJECT TITLE  Ammunition Containerization Complex	5.PROJECT NUMBER  49145	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	FEB 1999
(b) Percent Complete As Of January 1999.....	.00
(c) Date 35% Designed.....	JUN 1999
(d) Date Design Complete.....	OCT 1999
(e) Parametric Cost Estimating Used to Develop Costs	YES

(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.....	220
(b) All Other Design Costs.....	115
(c) Total Design Cost.....	335
(d) Contract.....	265
(e) In-house.....	70

(4) Construction Start..... DEC 1999

(5) Construction Completion..... SEP 2001

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: Mr. Joe Repasi

Phone Number: 717 267-969-6206

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
South Carolina		Fort Jackson (TRADOC)				257
	21356	Emergency Services Center	7,400	1,100	C	259
		Subtotal Fort Jackson PART I	\$ 7,400	1,100		
		* TOTAL MCA FOR South Carolina	\$ 7,400	1,100		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999																																													
3. INSTALLATION AND LOCATION  Fort Jackson South Carolina			4. COMMAND  US Army Training and Doctrine Command			5. AREA CONSTRUCTION COST INDEX  0.86																																												
6. PERSONNEL STRENGTH: <table style="width: 100%; border-collapse: collapse;"> <tr> <th></th> <th colspan="3">PERMANENT</th> <th colspan="3">STUDENTS</th> <th colspan="3">SUPPORTED</th> <th></th> </tr> <tr> <th></th> <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> <th>TOTAL</th> </tr> <tr> <td>A. AS OF 30 SEP 1998</td> <td>827</td> <td>3735</td> <td>1647</td> <td>203</td> <td>11733</td> <td>19</td> <td>48</td> <td>84</td> <td>2633</td> <td>20,929</td> </tr> <tr> <td>B. END FY 2005</td> <td>811</td> <td>3633</td> <td>1403</td> <td>205</td> <td>11741</td> <td>12</td> <td>72</td> <td>214</td> <td>2603</td> <td>20,694</td> </tr> </table>								PERMANENT			STUDENTS			SUPPORTED					OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	A. AS OF 30 SEP 1998	827	3735	1647	203	11733	19	48	84	2633	20,929	B. END FY 2005	811	3633	1403	205	11741	12	72	214	2603	20,694
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B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE																																																		
10. MISSION OR MAJOR FUNCTIONS: <p>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&amp;E/TDA STRAF units.</p>																																																		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table style="width: 100%; border-collapse: collapse;"> <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																																				
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1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Jackson South Carolina			4.PROJECT TITLE Emergency Services Center		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  730	7.PROJECT NUMBER  21356	8.PROJECT COST (\$000) Auth                      7,400 Approp                    1,100		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Emergency Service Center	m2 (SF)	3,057 ( 32,900)	1,519	4,885 (4,642)	
Stand-By Generator	kVA(KVA)	100 ( 100)	465.55	(47)	
EMCS Connection	LS	--	--	(28)	
IDS Installation	LS	--	--	(36)	
Building Information Systems	LS	--	--	(132)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	1,791 (144)	
Water, Sewer, Gas	LS	--	--	(83)	
Steam And/Or Chilled Water Dist	LS	--	--	(254)	
Paving, Walks, Curbs & Gutters	LS	--	--	(280)	
Storm Drainage	LS	--	--	(53)	
Site Imp( 520) Demo( 152)	LS	--	--	(671)	
Information Systems	LS	--	--	(303)	
Antiterrorism Force Protection	LS	--	--	(3)	
ESTIMATED CONTRACT COST				6,676	
CONTINGENCY PERCENT (5.00%)				334	
SUBTOTAL				7,010	
SUPV, INSP & OVERHEAD (5.70%)				400	
TOTAL REQUEST				7,410	
TOTAL REQUEST (ROUNDED)				7,400	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct an Emergency Service Center to house a modified standard-design, five-stall, two-vehicle deep, drive-through, two-company headquarters fire station with Provost Marshal Division, and Emergency Medical Services (EMS). These services will be tied into an enhanced 911 phone system with a continuous power supply. Install an intrusion detection system (IDS). Provide a standby generator. Connect to energy monitoring and control system (EMCS). Project includes dormitory, dayroom, chief's office, kitchen and dining area, locker room, restrooms, protective clothing area, and storage areas. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; aprons; fencing; paving, walks, steps, curbs and gutters; parking; storm drainage; emergency caution signals; sheltered vehicle parking; vehicle access; information systems; and site improvements. Anti-terrorism/force protection measures include concrete barrier planters. Access for the handicapped will be provided. Heating and air conditioning (80 tons) will be provided by a central energy plant. Demolish six buildings (2,730 m2). Supporting facilities costs are high due to the standard use of communications					



1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Jackson, South Carolina		
4.PROJECT TITLE	5.PROJECT NUMBER	
Emergency Services Center	21356	
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u>    (CONTINUED)</p> <p>fiber optic cable and the two traffic signals costs. Comprehensive interior furniture related design services will be provided.</p>		
<p>11. REQ:                    3,188 m2    ADQT:                    NONE                    SUBSTD:                    3,109 m2</p> <p><u>PROJECT:</u> Construct an Emergency Services Center to house the Fort Jackson Fire Prevention and Protection Headquarters, Provost Marshal Division, and Emergency Medical Service (EMS) Operations. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide a centrally located facility to house the fire station, Provost Marshal Division, and EMS. These functions provide service to all accompanied and unaccompanied personnel housing facilities, three dependent elementary schools, a 400-bed hospital, basic trainee and advanced individual training (AIT) barracks which include temporary wood barracks used by reserve units, a Soldier Support Institute, Chaplain School, ranges, miscellaneous community facilities, and a cantonment area comprised of various administration, support, and supply facilities. The fire station will also provide fire extinguisher replacement and maintenance and fire safety instruction for the entire installation. Fire fighting equipment (10 vehicles) will be housed in five each, drive through, two vehicle deep stalls. Emergency medical services equipment (5 vehicles) will be housed in a five vehicle parking shelter.</p> <p><u>CURRENT SITUATION:</u> The existing inadequate fire station is located only 1,300 feet from the new Southeastern Beltway (Interstate 77) interchange which offers access to Fort Jackson. Construction of I-77 has made the Imboden Street entrance the primary post access gate and has greatly increased traffic on the road immediately in front of the fire station. As a result, emergency response times often fail to meet the compliance criteria, and the potential for traffic accidents is elevated. Delay of vehicle entrance onto the road due to heavy traffic of even a few seconds could cause losses of both lives and property. The present fire station has had numerous additions to it over the years, and the result is a haphazard, inefficient layout. The building is an uninsulated wood-frame structure and incurs high maintenance and utility costs. A wood-frame substation is also in use. The Provost Marshal Division is located in four, two-story, World War II vintage wood buildings. This division is isolated from the other emergency services on-post. The building's physical conditions have deteriorated over the years, resulting in high maintenance and heating and cooling costs. The EMS is presently located at the crowded post hospital where it is isolated from other emergency services.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, emergency response times will often fail to meet compliance criteria. Traffic on Imboden Street will be endangered due to the entrance of fire equipment onto it. The potential for hazard to human life and monetary loss due to fires and emergencies will remain high because of this location. Emergency services will continue operations in their present inefficient and potentially life threatening manner. It will be necessary to continue routing calls to the</p>		

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999																								
3.INSTALLATION AND LOCATION  Fort Jackson, South Carolina																										
4.PROJECT TITLE  Emergency Services Center	5.PROJECT NUMBER  21356																									
<p><u>IMPACT IF NOT PROVIDED:</u>      (CONTINUED)</p> <p>different service areas causing delays and duplication of manpower expenditures. Exposure of emergency vehicles and equipment to the environment will continue to increase maintenance costs. Also, the Fort Jackson Fire Department will be without adequate space for sleeping, dining, training, and fire extinguisher maintenance. The Provost Marshal Office is inadequate for present operations due to poor functional design and deteriorated facility conditions. Lack of holding cells for prisoners is a major problem. Excessive humidity damages intrusion detection equipment, other electronic equipment, and weapons. The current EMS operation at the heavily used and congested hospital would continue thereby hampering their response time. The ultimate goal of obtaining the highest quality of life for the military and civilian personnel who must live and work here cannot be achieved with the current state of 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, 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. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>																										
<p><u>12.    SUPPLEMENTAL DATA:</u></p> <p style="margin-left: 20px;">A.    Estimated Design Data:</p> <div style="margin-left: 40px;"> <p>(1)    Status:</p> <table style="width: 100%; border: none;"> <tr><td style="width: 80%;">(a)    Date Design Started.....</td><td style="text-align: right;">JAN 1997</td></tr> <tr><td>(b)    Percent Complete As Of January 1999.....</td><td style="text-align: right;">40.00</td></tr> <tr><td>(c)    Date 35% Designed.....</td><td style="text-align: right;">DEC 1998</td></tr> <tr><td>(d)    Date Design Complete.....</td><td style="text-align: right;">OCT 1999</td></tr> <tr><td>(e)    Parametric Cost Estimating Used to Develop Costs</td><td style="text-align: right;">YES</td></tr> </table> <p>(2)    Basis:</p> <table style="width: 100%; border: none;"> <tr><td style="width: 80%;">(a)    Standard or Definitive Design:</td><td style="text-align: right;">YES</td></tr> <tr><td>(b)    Where Most Recently Used:</td><td style="text-align: right;">USACE</td></tr> </table> <p>(3)    Total Design Cost (c) = (a)+(b) OR (d)+(e):      (\$000)</p> <table style="width: 100%; border: none;"> <tr><td style="width: 80%;">(a)    Production of Plans and Specifications.....</td><td style="text-align: right;">300</td></tr> <tr><td>(b)    All Other Design Costs.....</td><td style="text-align: right;">200</td></tr> <tr><td>(c)    Total Design Cost.....</td><td style="text-align: right;">500</td></tr> <tr><td>(d)    Contract.....</td><td style="text-align: right;">350</td></tr> <tr><td>(e)    In-house.....</td><td style="text-align: right;">150</td></tr> </table> <p>(4)    Construction Start.....      MAR 2000</p> </div>			(a)    Date Design Started.....	JAN 1997	(b)    Percent Complete As Of January 1999.....	40.00	(c)    Date 35% Designed.....	DEC 1998	(d)    Date Design Complete.....	OCT 1999	(e)    Parametric Cost Estimating Used to Develop Costs	YES	(a)    Standard or Definitive Design:	YES	(b)    Where Most Recently Used:	USACE	(a)    Production of Plans and Specifications.....	300	(b)    All Other Design Costs.....	200	(c)    Total Design Cost.....	500	(d)    Contract.....	350	(e)    In-house.....	150
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1.COMPONENT	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2.DATE
ARMY			08 FEB 1999
3.INSTALLATION AND LOCATION			
Fort Jackson, South Carolina			
4.PROJECT TITLE		5.PROJECT NUMBER	
Emergency Services Center		21356	
12. SUPPLEMENTAL DATA: (Continued)			
A. Estimated Design Data: (Continued)			
(5) Construction Completion..... SEP 2002			
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment	Procuring	Fiscal Year	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>
NA			
Installation Engineer: Mr. Doug Burchette			
Phone Number: 803 751-7648			

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Texas		Fort Bliss (TRADOC)				265
	30504	Air Deployment Facility Complex	17,000	2,550	C	267
	44920	Aircraft Loading Apron	22,000	3,300	C	271
	44921	Ammunition Hot Load Facility	11,400	1,700	C	274
		Subtotal Fort Bliss PART I	\$ 50,400	7,550		
		Fort Hood (FORSCOM)				277
	16496	Fixed Wing Aircraft Parking Apron	31,000	4,600	C	279
	22611	Whole Barracks Complex Renewal	29,000	4,350	C	283
	46988	Deployment Ready Reactive Field & Trails	8,000	2,000	C	287
	48664	Force XXI Soldier Development Center Ph II	0	14,000	N	290
	50785	Railhead Facility Phase II	0	14,800	C	294
		Subtotal Fort Hood PART I	\$ 68,000	39,750		
		* TOTAL MCA FOR Texas	\$ 118,400	47,300		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Bliss Texas	4. COMMAND  US Army Training and Doctrine Command	5. AREA CONSTRUCTION COST INDEX  0.95

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	1403	7761	2698	221	1949	3	103	239	4102	18,479
B. END FY 2005	1532	8431	2120	226	1743	3	103	237	4102	18,497

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	455,877 ha (1,126,492 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	641,359
C. AUTHORIZATION NOT YET IN INVENTORY.....	82,517
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	50,400
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	27,900
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	79,462
H. GRAND TOTAL.....	853,738

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
141	30504	Air Deployment Facility Complex	17,000	02/1998	09/1999
113	44921	Ammunition Hot Load Facility	11,400	02/1999	09/1999
113	44920	Aircraft Loading Apron	22,000	02/1999	09/1999
TOTAL			50,400		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
860	Rail Deployment Complex	27,900
TOTAL		27,900
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
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.

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: Fort Bliss Texas										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table> <tr> <td></td> <td>(\$000)</td> </tr> <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> </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 estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$1,107,864,000, based on the Installation Status Report information on conditions as of October 1998.										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Bliss Texas			4.PROJECT TITLE Air Deployment Facility Complex		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  141	7.PROJECT NUMBER  30504	8.PROJECT COST (\$000) Auth                      17,000 Approp                    2,550		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					12,827
DPC/MHE Storage/Pallet Bldg		m2 (SF)	8,289 ( 89,219)	1,016	(8,424)
Equipment Inspection Facility		m2 (SF)	557.42 ( 6,000)	698.49	(389)
Platform Scales		EA	2 --	97,837	(196)
Concrete Hardstand		m2 (SF)	48,870 ( 526,032)	44.75	(2,187)
High Dock Lane		EA	1 --	30,035	(30)
Total from Continuation page					(1,601)
<u>SUPPORTING FACILITIES</u>					2,592
Electric Service		LS	--	--	(290)
Water, Sewer, Gas		LS	--	--	(94)
Paving, Walks, Curbs & Gutters		LS	--	--	(596)
Storm Drainage		LS	--	--	(41)
Site Imp( 790) Demo( 247)		LS	--	--	(1,036)
Information Systems		LS	--	--	(307)
Antiterrorism Force Protection		LS	--	--	(228)
ESTIMATED CONTRACT COST					15,419
CONTINGENCY PERCENT (5.00%)					<u>771</u>
SUBTOTAL					16,190
SUPV, INSP & OVERHEAD (5.70%)					<u>923</u>
TOTAL REQUEST					17,113
TOTAL REQUEST (ROUNDED)					17,000
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct an air deployment facility complex. Project includes sentry station, personnel processing center with passenger holding area, administrative area, supply room, classroom (40 student capacity), break room, conference room and amnesty booth areas (800 personnel (PN) capacity). The center will also provide meal preparation and informal dining facilities, male and female latrines with showers; material handling equipment (MHE) storage/pallet buildup and storage facility shelters with crane (7-1/2 ton); hardstand staging area, frustrated cargo area, joint inspection area and ready line; vehicle inspection/repair facility with maintenance pit; digital platform scales; high dock lane; and add two bays to the Biggs Fire Station facility to provide for two additional pieces of equipment and six fire fighters to man the equipment. Work also includes equipment bay; dormitory; exercise and break areas; lounge/meal areas; and fire sprinkler systems. Connection for future energy, monitoring and control system (EMCS) and controllers. Install an intrusion detection system (IDS) rough-in. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking and					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																			
ARMY		08 FEB 1999																																			
3. INSTALLATION AND LOCATION																																					
Fort Bliss, Texas																																					
4. PROJECT TITLE		5. PROJECT NUMBER																																			
Air Deployment Facility Complex		30504																																			
<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: left;">Unit COST</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>Fire Station Addition</td> <td>m2 (SF)</td> <td>696.74 ( 7,500)</td> <td>1,430</td> <td>(997)</td> </tr> <tr> <td>EMCS Connection</td> <td>LS</td> <td>--</td> <td>--</td> <td>(39)</td> </tr> <tr> <td>IDS Installation</td> <td>LS</td> <td>--</td> <td>--</td> <td>(25)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td>--</td> <td>--</td> <td>(540)</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">1,601</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Fire Station Addition	m2 (SF)	696.74 ( 7,500)	1,430	(997)	EMCS Connection	LS	--	--	(39)	IDS Installation	LS	--	--	(25)	Building Information Systems	LS	--	--	(540)				Total	1,601
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																																	
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			Total	1,601																																	
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> access roads; storm drainage; security fencing and lighting; information systems; environmental mitigation; and site improvements. Support facility cost is high due to removal of underground utilities, pavement and fencing. Evaporative cooling and mechanical exhaust (185,000 CFM) will be provided. Heating will be provided by self-contained gas-fired units. Access for the handicapped will be provided. Demolish one building (3,095 m2). Anti-terrorism/force protection measures include earth berms, vehicle barriers at entrance gates, protective coating for windows, heavy duty gates, grilles on storm drain ditches, and closed circuit television (OPA-funded) monitoring at the sentry station.																																					
<u>11. REQ:</u> 8,289 m2 <u>ADQT:</u> NONE <u>SUBSTD:</u> 4,333 m2 <u>PROJECT:</u> Construct an air deployment facility complex in support of the Army Strategic Mobility Program. (Current Mission) <u>REQUIREMENT:</u> This project is required to provide a new air deployment facility capable of accomplishing air load-out functions for the Patriot Battalions (Bn) of the 11th, 31st, 35th, and 108th Air Defense Artillery Brigade (ADA Bde) and key mobilizing reserve units within the designated time frames. This facility is required to consolidate and improve efficiency and safety of air loading operations. An addition to the airfield fire station is required to house additional crash/rescue fire trucks that are required to be on hand for the number of aircraft that will be on the ground during deployment. Suitable facilities do not exist to ensure deployment of the designated strategic mobility forces. <u>CURRENT SITUATION:</u> Currently, the Departure/Arrival Airfield Control Group (D/AACG) works out of three widely separated buildings. A 1950 construction Air Force equipment maintenance building (3,094 m2) is used to process and hold approximately 500 deploying personnel. The building is insufficient in size and facilities to properly provide space for all the functions taking place during departure waiting periods, often up to eight hours or more. Tents and camouflage netting are used to house personnel outside when building capacity is exceeded. The building is similar to an aircraft hangar and has uninsulated metal siding, lacks adequate lighting, heating and cooling for the																																					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Bliss, Texas		
4.PROJECT TITLE  Air Deployment Facility Complex		5.PROJECT NUMBER  30504
<p><u>CURRENT SITUATION:</u>      (CONTINUED)</p> <p>volume created by its 12 meter high ceiling. Fort Bliss's extreme summer and winter temperatures produce extremely uncomfortable conditions for personnel awaiting processing and departure. Building lacks sufficient latrines to support the number of soldiers temporarily occupying the building, and constantly backup. Commercial portable latrines are procured to overcome this deficiency and must be serviced daily. Having the servicing trucks in the building further congests an already crowded situation. Temporary meal preparation equipment must be installed to feed deploying personnel, who must then eat in a dirty environment because dust and grime constantly infiltrate through numerous holes in the metal siding. The high ceiling and metal siding makes communication, e.g. instructions and manifest verification by name, difficult and time consuming. Administrative functions for troop movement unit and US Air Force (USAF) Air Lift Control Element (ALCE) operations are conducted out of two buildings (1,2329 m2) 305 meter distant from each other. This separation creates control and communication problems, and affects efficiency. Pallet buildup is accomplished outdoors in all kinds of weather. Pallet building supplies are stored inside the processing building, reducing space for personnel. Once pallets are built, plastics are placed over them for protection. However, cargo damage can occur during buildup. Pallet holding area is too small. It consists of deteriorated asphalt paving and dirt surface, with inadequate drainage. Joint Inspection (JI) facilities are non-existent. Equipment inspection and maintenance is conducted on the deteriorated asphalt and soil surfaces. Additional equipment cleaning is required at the ramp before equipment is loaded onto the aircraft, otherwise, debris is transferred into the aircraft. The marshalling area, JI area, pallet buildup area, and chalk (planeload) holding areas are poorly lit, limited in size and of soil surface. The areas virtually become mud lakes after rains. These conditions jeopardize plane loading in the allotted time under all weather conditions. The entire area is approximately 100-yards from an underground jet fuel tank farm. Refueling tanker trucks constantly traverse the area creating a safety hazard to personnel and equipment.</p> <p><u>IMPACT IF NOT PROVIDED:</u>      If this project is not provided, deployment of the Patriot Battalions and key mobilizing reserve units cannot be accomplished within their deployment window. Air deployment at Fort Bliss will continue in unsatisfactory facilities and will severely jeopardize mission accomplishment.</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. 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 based on project engineering was used to develop this budget estimate.</p>		

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE								
ARMY		08 FEB 1999								
3. INSTALLATION AND LOCATION										
Fort Bliss, Texas										
4. PROJECT TITLE		5. PROJECT NUMBER								
Air Deployment Facility Complex		30504								
<p><b>12. SUPPLEMENTAL DATA:</b></p> <p>A. Estimated Design Data:</p> <p style="margin-left: 20px;">(1) Status:</p> <div style="margin-left: 40px;"> (a) Date Design Started..... <u>FEB 1998</u>  (b) Percent Complete As Of January 1999..... <u>35.00</u>  (c) Date 35% Designed..... <u>JAN 1999</u>  (d) Date Design Complete..... <u>SEP 1999</u>  (e) Parametric Cost Estimating Used to Develop Costs <u>YES</u> </div> <p style="margin-left: 20px;">(2) Basis:</p> <div style="margin-left: 40px;"> (a) Standard or Definitive Design: NO </div> <p style="margin-left: 20px;">(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <div style="margin-left: 40px;"> (a) Production of Plans and Specifications..... <u>1,000</u>  (b) All Other Design Costs..... <u>300</u>  (c) Total Design Cost..... <u>1,300</u>  (d) Contract..... <u>900</u>  (e) In-house..... <u>400</u> </div> <p style="margin-left: 20px;">(4) Construction Start..... <u>DEC 1999</u></p> <p style="margin-left: 20px;">(5) Construction Completion..... <u>MAR 2001</u></p> <p style="margin-left: 20px;">B. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; margin-left: 20px;"> <thead> <tr> <th style="text-align: left;">Equipment <u>Nomenclature</u></th> <th style="text-align: left;">Procuring <u>Appropriation</u></th> <th style="text-align: left;">Fiscal Year Appropriated <u>Or Requested</u></th> <th style="text-align: left;">Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4" style="text-align: center; padding: 20px 0;">NA</td> </tr> </tbody> </table>			Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>	NA			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>							
NA										
Installation Engineer: COL Raymond L. Shaw, EN Phone Number: 915 568-6200										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Bliss Texas			4.PROJECT TITLE Aircraft Loading Apron		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  113	7.PROJECT NUMBER  44920	8.PROJECT COST (\$000) Auth                      22,000 Approp                    3,300		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Concrete Apron	m2 (SY)	135,453 ( 162,000)	89.70	18,374 (12,150)	
Apron Area Lighting	EA	18 --	55,683	(1,002)	
Aircraft Ground System	LS	--	--	(290)	
Apron edge lighting	EA	127 --	2,699	(343)	
Concrete Taxiway	m2 (SY)	25,920 ( 31,000)	89.70	(2,325)	
Total from Continuation page				(2,264)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	1,601 (6)	
Water, Sewer, Gas	LS	--	--	(55)	
Storm Drainage	LS	--	--	(98)	
Site Imp( 910) Demo( 413)	LS	--	--	(1,323)	
Antiterrorism Force Protection	LS	--	--	(119)	
ESTIMATED CONTRACT COST				19,975	
CONTINGENCY PERCENT (5.00%)				999	
SUBTOTAL				20,974	
SUPV, INSP & OVERHEAD (5.70%)				1,196	
TOTAL REQUEST				22,170	
TOTAL REQUEST (ROUNDED)				22,000	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct an aircraft loading/parking apron and connecting taxiway to main runway. Repair an existing aircraft parking apron and taxiway. Work includes taxiway and apron repair, concrete joint removal/replacement, concrete crack repair, vegetation treatment, asphalt pavement heat scarifying tack coats, binder courses, grub and clear, grading, site improvements, 20-inch pavement, tiedowns and lighting, and paved sholders adjacent to all apron and taxiway work. Supporting facilities include electric service, fire protection and alarm systems, storm drainage, water lines, security fencing and lights, protective berms, and site improvements. Demolish one apron (41,133 m2) and other work required to relocate aircraft load training and fire protection training facilities on the new apron site. Anti-terrorism force protection measures include earth berms, area lighting, restricted area signs, and grilles on storm drain ditches and close circuit television (OPA-funded) monitoring.					
11. REQ:                      236,335 m2    ADQT:                      NONE                      SUBSTD:                      35,422 m2					
PROJECT: Construct/repair aircraft loading/parking aprons and taxiways for					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Fort Bliss, Texas		
4. PROJECT TITLE	5. PROJECT NUMBER	
Aircraft Loading Apron	44920	
<u>9. COST ESTIMATES (CONTINUED)</u>		
Item	UM (M/E)	QUANTITY
		Unit COST
		Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>		
Taxiway lighting	EA	500 --      1,574      (787)
Subdrainage Coll. System	LS	--      --      (85)
Relocate Firefighter Trng Area	LS	--      --      (66)
Asphalt Paved Shoulder	m2 (SY)	56,857 (    68,000)    23.32    (1,326)
		Total      2,264
<u>PROJECT: (CONTINUED)</u> strategic air deployment of personnel and equipment, in support of the Army's Strategic Mobility Program. (Current Mission) <u>REQUIREMENT:</u> This project is required to provide adequate aircraft loading/parking aprons and taxiways to support the Army Strategic Mobility Program (ASMP). These aprons and taxiways, in conjunction with a companion project (Air Deployment Facility Complex), must be capable of accomplishing air load-out functions for 80 each C-5A/C141 aircraft over a three day period. Units being outloaded include the Patriot Battalions (Bns) of the 11th, 31st, 35th and 108th Air Defense Artillery Brigades ( ADA Bde) and key mobilizing reserve units. To accomplish this mission airfield improvements are required to provide facilities capable of holding 6 each C-5 aircraft and to improve efficiency and safety of air loading operations. <u>CURRENT SITUATION:</u> Currently, the airfield facilities do not have sufficient apron space to accomplish required aircraft load-out in the allotted time. Additionally, the existing apron is not in the proper location. Equipment and personnel to be loaded are located on the main post and must travel through the built-up area of Biggs Army Airfield (BAAF) to reach the load-out point. The apron is approximately 100 yards from an underground fuel tank farm. Refueling tanker trucks constantly traverse the apron area to reach other airfield areas, creating a safety hazard to personnel and equipment. <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, deployment of the Patriot Battalions and key mobilizing reserve units cannot be accomplished within their deployment window. Air deployment at Fort Bliss will continue in unsatisfactory facilities and will severely jeopardize mission accomplishment. <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. 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.		



1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE	
ARMY				08 FEB 1999	
3.INSTALLATION AND LOCATION			4.PROJECT TITLE		
Fort Bliss Texas			Ammunition Hot Load Facility		
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST (\$000)		
46029A	113	44921	Auth                      11,400 Approp                    1,700		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				9,989	
Concrete Apron w/Taxiway	m2 (SY)	88,072 ( 105,333)	89.70	(7,900)	
Asphalt paved Shoulder	m2 (SY)	6,689 ( 8,000)	23.32	(156)	
Covered Pallet Holding Area	m2 (SY)	468.23 ( 560)	41.86	(20)	
Access Road	m2 (SY)	20,903 ( 25,000)	27.36	(572)	
Security Fence	m (LF)	1,219 ( 4,000)	103.51	(126)	
Total from Continuation page				(1,215)	
<u>SUPPORTING FACILITIES</u>				248	
Storm Drainage	LS	--	--	(32)	
Site Imp( 177) Demo( )	LS	--	--	(177)	
Information Systems	LS	--	--	(9)	
Antiterrorism Force Protection	LS	--	--	(30)	
<u>ESTIMATED CONTRACT COST</u>				10,237	
CONTINGENCY PERCENT (5.00%)				512	
SUBTOTAL				10,749	
SUPV, INSP & OVERHEAD (5.70%)				613	
TOTAL REQUEST				11,362	
TOTAL REQUEST (ROUNDED)				11,400	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct an aircraft ammunition hot load facility. Work includes clearing, grubbing, grading, covered pallet holding area, access road, concrete apron, taxiway, paved shoulder, electric service, and lighting. Supporting facilities include storm drainage, information systems, and site improvements. Anti-terrorism/force protection measures include area lighting, security fence, sentry station, restricted area signs, grilles on storm drain ditches, and closed circuit television (OPA-funded) monitoring.					
11. REQ:                      116,174 m2    ADQT:                      NONE                      SUBSTD:                      NONE					
PROJECT: Construct an aircraft ammunition hot load facility for strategic deployment in support of the Army's Strategic Mobility Program. (Current Mission)					
REQUIREMENT: This project is required to provide an adequate facility to outload ammunition greater than 50 caliber onto two aircraft when units are being deployed. There are no existing facilities on the airfield located within the required safety distances from runways, taxiways or buildings. The					

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Bliss, Texas		
4.PROJECT TITLE  Ammunition Hot Load Facility	5.PROJECT NUMBER  44921	

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Hot load area Lighting	EA	8 --	60,415	(483)
Aircraft Ground System	LS	--	--	(63)
Hot load apron lighting	EA	90 --	2,610	(235)
Hot Load Taxiway lighting	EA	112 --	3,857	(432)
Building Information Systems	LS	--	--	(2)
			Total	1,215

REQUIREMENT: (CONTINUED)

ammunition hot load area is required to accomplish air load-out functions for Patriot Battalions (Bns) of the 11th, 31th, 35th and 108th Air Defense Artillery Brigades (ADA Bde) and key mobilizing reserve units within the designated time frames. Army Strategic Mobility Program (ASMP) is required to provide a power projection platform capable of deploying strategic units from this installation within a very short time. To accomplish this mission, it is essential that the infrastructure be developed to meet the requirement. This project will work in conjunction with two companion ASMP projects: Air Deployment Facility Complex and Aircraft Loading Apron.

CURRENT SITUATION: Currently, Biggs Army Airfield has designated the northern portion of taxiway TXY-T-4A as the area to be used for outloading ammunition above 50 caliber. The area can accommodate two aircraft; however, the area does not have a designated location for an ammunition pallet holding area. This area is also less than 152 meters from the primary runway and about 366 meters from a confinement facility. Fort Bliss Safety Office has determined the present area unsuitable for the purpose because it is too close to an active runway.

IMPACT IF NOT PROVIDED: If this project is not provided, deployment of the Patriot Bn's and key mobilizing reserve units cannot be accomplished within their deployment window. Air deployment at Fort Bliss will continue in unsatisfactory facilities and will severely jeopardize mission accomplishment.

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. This project is the only feasible option to meet the requirement. A parametric cost estimate was used to develop this budget estimate.





1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Hood Texas	4. COMMAND  US Army Forces Command	5. AREA CONSTRUCTION COST INDEX  0.85

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	4491	37595	3501	0	277	0	74	304	2818	49,060
B. END FY 2005	4896	38891	3559	0	295	0	73	304	2818	50,836

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	86,745 ha (214,352 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	1,465,763
C. AUTHORIZATION NOT YET IN INVENTORY.....	158,100
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	96,800
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	22,000
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	107,593
H. GRAND TOTAL.....	1,829,056

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
113	16496	Fixed Wing Aircraft Parking Apron	31,000	02/1998	09/1999
721	22611	Whole Barracks Complex Renewal	29,000	02/1999	10/1999
852	46988	Deployment Ready Reactive Field & Trails	8,000	02/1998	09/1999
171	48664	Force XXI Soldier Development Center Ph II	14,000	03/1998	09/1999
860	50785	Railhead Facility Phase II	14,800	03/1997	04/1999
TOTAL			96,800		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
171	Digital Multi-Purpose Training Range	22,000
TOTAL		22,000
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
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.

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Hood Texas		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		
		(\$000)
A. AIR POLLUTION		0
B. WATER POLLUTION		0
C. OCCUPATIONAL SAFETY AND HEALTH		0
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$754,049,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Hood Texas			4.PROJECT TITLE Fixed Wing Aircraft Parking Apron		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  113	7.PROJECT NUMBER  16496	8.PROJECT COST (\$000) Auth                      31,000 Approp                    4,600		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Deployment Apron	m2 (SF)	140,688 ( 1514353)	54.14	22,475 (7,617)	
Crash/Fire Rescue	m2 (SF)	1,871 ( 20,140)	956.63	(1,790)	
Warehouse	m2 (SF)	1,385 ( 14,908)	618.28	(856)	
Passenger Terminal	m2 (SF)	3,264 ( 35,132)	1,028	(3,357)	
Relocate/Add Refuel Points	m2 (SF)	1,177 ( 12,669)	52.54	(62)	
Total from Continuation page				(8,793)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	5,819 (1,011)	
Water, Sewer, Gas	LS	--	--	(2,601)	
Paving, Walks, Curbs & Gutters	LS	--	--	(287)	
Storm Drainage	LS	--	--	(41)	
Site Imp( 1,364) Demo( 75)	LS	--	--	(1,439)	
Information Systems	LS	--	--	(440)	
ESTIMATED CONTRACT COST				28,294	
CONTINGENCY PERCENT (5.00%)				1,415	
SUBTOTAL				29,709	
SUPV, INSP & OVERHEAD (5.70%)				1,693	
TOTAL REQUEST				31,402	
TOTAL REQUEST (ROUNDED)				31,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Upgrade and expand existing deployment apron. Project includes surface upgrade of deployment apron, new ordnance taxiway and loading apron, expansion of existing Departure Airfield Control Group (DACG) facility to include expanded Alert Holding area, warehouse for pallet storage, expanded passenger terminal, relocation of existing control tower, relocate/add refueling points, additional scale, hardstand for Initial Ready Company call forward area with loading ramp, washrack and balance beam, and crash fire rescue station. Supporting facilities include utilities, electric service, paving, storm drainage, fencing, access roads, ammunition docks and ammunition make-up area, load simulator, information systems, and site improvements. Heating will be provided by gas-fired unit heaters. Air conditioning: 750 tons. Demolish existing terminal (929 m2).					
11. REQ:                      336,846 m2    ADQT:                      196,158 m2    SUBSTD:                      86,400 m2					
PROJECT: Upgrade and expand the existing deployment apron and extend taxiways at Robert Gray Army Airfield (RGAAF). This project supports the Army Strategic					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Fort Hood, Texas		
4. PROJECT TITLE		5. PROJECT NUMBER
Fixed Wing Aircraft Parking Apron		16496
<u>9. COST ESTIMATES (CONTINUED)</u>		
Item	UM (M/E)	QUANTITY
		Unit COST
		Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>		
Cut and Fill	m2 (SF)	550,827 ( 5929052)    5.24    (2,892)
Scale (75 Ton)	EA	2 --    60,000    (120)
Wash Facility	EA	1 --    60,000    (60)
Control Tower	m2 (SF)	278.30 ( 2,996)    3,973    (1,106)
Ordinance Taxiways	m2 (SF)	19,142 ( 206,043)    55.95    (1,071)
Ordinance Loading Apron	m2 (SF)	19,289 ( 207,625)    38.60    (745)
Relocate Balance Beam	EA	1 --    55,000    (55)
Runway Approach Surface	m2 (SF)	18,288 ( 196,850)    88.00    (1,609)
Runway Approach Lighting	EA	92 --    11,860    (1,091)
Building Information Systems	LS	--    --    (44)
		Total    8,793
<u>PROJECT: (CONTINUED)</u>		
Mobility Program. (Current Mission)		
<u>REQUIREMENT:</u> Expansion of the apron is required to provide improved and additional aircraft parking. The crash fire rescue station is required to support a three-fire company (two crash and one structural) operation. This facility will house nine major pieces of equipment to include the M23 and P19 crash fire vehicles. The taxiways are needed to increase the operational capability of the airfield and eliminate safety hazards. The ordnance pad is required to support loading of hazard class/division 1.1 high explosive ordnance. A maximum of 90,000 pounds of high explosive ordnance requiring an 1,800-foot safety distance will be palletized for loading at this location. The cross taxiway is required to provide improved access from the main runway to the deployment apron, east parallel taxiway, and direct access to the ordnance loading pad. The taxiway will also enhance crash fire vehicle times by providing direct access to the runway and ordnance pad.		
<u>CURRENT SITUATION:</u> The existing deployment apron is only 114 meters wide including the adjacent taxiway. The maximum on ground capability of the deployment apron is 5-7 wide-body (C-5A) type aircraft or a mix of 10-14 wide and narrow body (C-141 and C-130) type at any one time. With a 3.25 hour turn around time per aircraft, operational capabilities of the airfield become overburdened. There is no flexibility in accommodating aircraft requiring maintenance or mishaps associated with facilities that do not meet adequate safety requirements. The existing fire rescue station was constructed in 1963 by the Air Force as a temporary structure. The structure is grossly inadequate for its current use. The existing east parallel taxiway is 876 meters long and supports only a small portion of the 3,048 meter runway. Common practice during deployment is to back taxi wide-body aircraft down the main runway when the deployment apron and the adjacent taxiway are congested with aircraft		



1.COMONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999								
3.INSTALLATION AND LOCATION  Fort Hood, Texas										
4.PROJECT TITLE  Fixed Wing Aircraft Parking Apron		5.PROJECT NUMBER  16496								
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued)  (4) Construction Start..... <u>APR 2000</u>  (5) Construction Completion..... <u>APR 2002</u>  B. Equipment associated with this project which will be provided from other appropriations:  <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>			<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										
Installation Engineer: Richard Craig, COL, EN Phone Number: 817 287-5707										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Hood Texas			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  721	7.PROJECT NUMBER  22611	8.PROJECT COST (\$000) Auth                      29,000 Approp                    4,350		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				24,155	
Barracks Rebuild	m2 (SF)	18,354 ( 197,564)	931.08	(17,089)	
Upgrade Arms Room	m2 (SF)	929.03 ( 10,000)	821.85	(764)	
Asbestos/Lead Paint	m2 (SF)	23,872 ( 256,955)	41.33	(987)	
IDS Installation	LS	--	--	(19)	
Dining Facility	m2 (SF)	1,847 ( 19,881)	1,886	(3,484)	
Total from Continuation page				(1,812)	
<u>SUPPORTING FACILITIES</u>				1,539	
Electric Service	LS	--	--	(179)	
Water, Sewer, Gas	LS	--	--	(59)	
Steam And/Or Chilled Water Dist	LS	--	--	(359)	
Paving, Walks, Curbs & Gutters	LS	--	--	(470)	
Storm Drainage	LS	--	--	(76)	
Site Imp( 232) Demo( )	LS	--	--	(232)	
Information Systems	LS	--	--	(110)	
Antiterrorism Force Protection	LS	--	--	(54)	
ESTIMATED CONTRACT COST				25,694	
CONTINGENCY PERCENT (5.00%)				<u>1,285</u>	
SUBTOTAL				26,979	
SUPV, INSP & OVERHEAD (5.70%)				<u>1,538</u>	
TOTAL REQUEST				28,517	
TOTAL REQUEST (ROUNDED)				29,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Rebuild four barracks including converting first floor space within each building to unit administrative and supply areas. Project includes removal of existing walls, mechanical and electrical systems, piping and valves, water closets, and showers. The existing columns and deck superstructure will remain. Foundation repairs are required. Additional work includes replacement of roofs, doors, windows, ceiling tile, floor tile, paint, and asbestos removal. Upgrade administrative space to meet the requirements of modern Army equipment and the work space environment. Existing arms rooms will be enlarged to provide space for modern weapons. Install an intrusion detection system (IDS). Barracks include living/sleeping rooms, semi-private baths, walk-in closets, laundry, bulk storage, dayroom, lounges, and a mailroom. Exterior balconies will allow for a exterior entrance to each room. Project also includes a consolidated dining facility with outdoor seating and access for the handicapped. Supporting facilities include utilities; electric service; fire protection and alarm systems; parking; outdoor recreation areas; paving, walks, curbs and gutters; storm drainage; information systems; and site improvements. Heating					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																														
ARMY		08 FEB 1999																														
3. INSTALLATION AND LOCATION																																
Fort Hood, Texas																																
4. PROJECT TITLE	5. PROJECT NUMBER																															
Whole Barracks Complex Renewal	22611																															
<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: left;">Unit COST</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>Air Conditioning Plant</td> <td>m2 (SF)</td> <td>260.13 ( 2,800)</td> <td>3,444</td> <td>(896)</td> </tr> <tr> <td>Special Foundation</td> <td>LS</td> <td>--</td> <td>--</td> <td>(85)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td>--</td> <td>--</td> <td>(831)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">1,812</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Air Conditioning Plant	m2 (SF)	260.13 ( 2,800)	3,444	(896)	Special Foundation	LS	--	--	(85)	Building Information Systems	LS	--	--	(831)				Total	1,812
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			Total	1,812																												
<u>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</u> will be provided by self-contained units. Air conditioning (500 tons) will be provided by a central plant. Comprehensive interior design services will be provided. Special foundation work is required due to expansive soils. Anti-terrorism/force protection measures include exterior lighting.																																
11. REQ:                    14,419 PN    ADQT:                    8,622 PN    SUBSTD:                    5,797 PN <u>PROJECT:</u> Rebuild four barracks to meet the Whole Barracks Renewal Program Standards. (Current Mission) <u>REQUIREMENT:</u> This project is required to continue modernizing existing barracks to provide adequate housing for a total (intended utilization) of 448 enlisted personnel (368 E1-E4 and 80 E5-E6). Maximum utilization for the barracks is 528 spaces. This project will replace utilities that are at the end of their economic life and provide a greatly improved quality-of-life environment for today's enlisted soldier. Significant shortfalls in company operations and supply space are reduced by converting the first floors (which includes two dining facilities) into company level administration and supply areas. Consolidating the dining facilities will allow for use of new kitchen equipment and reduce manpower required to operate two dining facilities. Anti-terrorism/force protection measures are required because of vulnerability to terrorist threats for this type of facility. <u>CURRENT SITUATION:</u> There are 102 permanent barracks buildings on Fort Hood. The 9200 block consists of four barracks, all of which are to be rebuilt with this project. These barracks were constructed in FY 1958 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. The foundation needs repair. There are two dining facilities using old equipment. Extra people are required to run both dining facilities. <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, outdated, inefficient utilities will continue to deteriorate. Outdated dining facilities will be unable to provide adequate food services. 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.																																



1.COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999								
3.INSTALLATION AND LOCATION  Fort Hood, Texas										
4.PROJECT TITLE  Whole Barracks Complex Renewal		5.PROJECT NUMBER  22611								
12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED) B. Equipment associated with this project which will be provided from other appropriations: <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 colspan="4">NA</td> </tr> </tbody> </table>			<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										
Installation Engineer: Richard Craig, COL, EN Phone Number: 817 287-5707										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Hood Texas			4.PROJECT TITLE Deployment Ready Reactive Field & Trails		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  852	7.PROJECT NUMBER  46988	8.PROJECT COST (\$000) Auth                      8,000 Approp                    2,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
DRRF Site	m2 (SF)	108,800 ( 1171113)	22.47	6,596 (2,445)	
Tank Trails	m2 (SF)	193,300 ( 2080664)	14.86	(2,874)	
Ammunition Upload Facility	m2 (SF)	82,600 ( 889,099)	15.46	(1,277)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	630 (630)	
ESTIMATED CONTRACT COST				7,226	
CONTINGENCY PERCENT (5.00%)				361	
SUBTOTAL				7,587	
SUPV, INSP & OVERHEAD (5.70%)				432	
TOTAL REQUEST				8,019	
TOTAL REQUEST (ROUNDED)				8,000	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Blade and grade Deployment Ready Reaction Field (DRRF) to provide an all-weather surface with a treatment of emulsified asphalt solution or concrete surface. Provide all-weather tank access road with emulsified asphalt solution or concrete surface. Tank access roads will provide all-weather surface from DRRF to new railhead at industrial park located at the western edge of the main cantonment. Provide covered ammunition upload facilities and associated access roads. Supporting facilities include electric service, floodlights with poles, transformer, storm drainage, and site improvements.					
11. REQ:                      258,363 m2    ADQT:                      NONE                      SUBSTD:                      258,363 m2					
PROJECT: Improve drainage, shape surface, and provide all-weather surfaced area at DRRF and tank access roads in support of the Army's Strategic Mobility Program. (Current Mission)					
REQUIREMENT: Improve the DRRF and the tank access roads leading to a new railhead at an industrial park located at the western edge of the main cantonment. Units preparing for movement by rail or air will have to undergo					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Hood, Texas		
4.PROJECT TITLE  Deployment Ready Reactive Field & Trails		5.PROJECT NUMBER  46988
<p><u>REQUIREMENT:</u>     (CONTINUED)</p> <p>an extensive cleaning process prior to loading for shipment. Vehicles marshalled in the DRRF are required to be clean in order to be inspected for hazardous material leaks, mechanical deficiencies, and serviceability prior to movement for shipment. Travel on deteriorated tank access roads by clean vehicles results in dust/mud buildup. This buildup must be removed again at the assembly area before departure. This process is a drain on scarce manpower needed for other duties prior to departure. Vehicles are required to be uploaded with ammunition prior to deployment.</p> <p><u>CURRENT SITUATION:</u>     The DRRF is used by the 1st Cavalry Division and 4th Infantry Division as an assembly area for the majority of unit movements for gunnery and field exercises on Fort Hood and for deployment overseas and to the National Training Center. The existing condition of the area creates many operational problems for assembled units. During inclement weather the DRRF area becomes a quagmire of mud and water. This condition presents undue hardships on crews to maintain their equipment and prepare it for shipment. Service vehicles are also challenged to provide support to deploying vehicles under these conditions. During dry weather, the area is swept with blowing dirt, and the hot Texas sun. Vehicles prepared for rail or air shipment must arrive at the departure point free of all dirt and grime. Tactical vehicles moving to the Fort Hood Deployment Aerial Port of Embarkation (APOE) and the new railhead facility use unimproved tank access roads, or are transported on Heavy Expanded Transport (HETS). Vehicles using the tank access roads arrive at the assembly area covered with dirt during dry weather and mud during inclement weather. This condition requires additional heavy cleaning prior to acceptance for loading onto the carrier. Transportation by HET results in additional workload with additional space required for maneuver of the HETS. The tank access roads are deteriorating because of the heavy traffic resulting in numerous potholes, unstable roadways and soft shoulders.</p> <p><u>IMPACT IF NOT PROVIDED:</u>     If this project is not provided, additional time and manpower will continue to be required for deployment preparation, resulting in difficulty in meeting deployment mission requirements. Additional cleaning of vehicles will be required at loading site to meet transportation requirements for shipment.</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. 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 based on project engineering was used to develop this budget estimate.</p>		

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Hood, Texas		
4.PROJECT TITLE  Deployment Ready Reactive Field & Trails	5.PROJECT NUMBER  46988	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	FEB 1998
(b) Percent Complete As Of January 1999.....	35.00
(c) Date 35% Designed.....	JAN 1999
(d) Date Design Complete.....	MAR 2000
(e) Parametric Cost Estimating Used to Develop Costs	YES

(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.....	410
(b) All Other Design Costs.....	118
(c) Total Design Cost.....	528
(d) Contract.....	422
(e) In-house.....	106

(4) Construction Start..... JUN 2000

(5) Construction Completion..... JUL 2001

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

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

Installation Engineer: Richard Craig, COL, EN

Phone Number: 817 287-5707

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Hood Texas			4.PROJECT TITLE Force XXI Soldier Development Center Ph II		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  171	7.PROJECT NUMBER  48664	8.PROJECT COST (\$000) Auth Approp      14,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
General Instruction Building	m2 (SF)	10,409 ( 112,042)	1,008	10,961 (10,496)	
Special Foundations	m (LF)	805 ( 2,641)	276.95	(223)	
Building Information Systems	LS	--	--	(242)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	1,741 (56)	
Water, Sewer, Gas	LS	--	--	(160)	
Steam And/Or Chilled Water Dist	LS	--	--	(47)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,165)	
Site Imp( 185) Demo( )	LS	--	--	(185)	
Information Systems	LS	--	--	(45)	
Antiterrorism Force Protection	LS	--	--	(83)	
ESTIMATED CONTRACT COST				12,702	
CONTINGENCY PERCENT (5.00%)				635	
SUBTOTAL				13,337	
SUPV, INSP & OVERHEAD (5.70%)				760	
TOTAL REQUEST				14,097	
TOTAL REQUEST (ROUNDED)				14,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      Construct a general instruction training facility, Phase II of II. In FY 98, Congress authorized \$27.2 million and appropriated \$12 million for Phase I. Project includes learning resource center, interactive network operations center, library, auditorium, administration, elevator, access road. Supporting facilities include utilities; electric service; fire protection and alarm systems, paving, walks, curbs and gutters; parking; storm drainage; sanitary sewer; information systems; and site improvements. Access for the handicapped will be provided. Heating will be provided by gas-fired self-contained units. Air conditioning: 496 tons. Demolition was completed during Phase 1. Special foundation work is required due to expansive soils. Anti-terrorism/force protection measures include exterior lighting.					
11. REQ:      18,203 m2    ADQT:      NONE      SUBSTD:      23,903 m2					
PROJECT: Construct general instruction training facilities for the US Army Senior Noncommissioned Officer (NCO) Academy, Troop School, and Education Center. (New Mission)					
REQUIREMENT: A consolidated training facility is required to accommodate a variety of training programs, both traditional and automated, and administrative functions for the training of military and civilian personnel.					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Hood, Texas		
4.PROJECT TITLE  Force XXI Soldier Development Center Ph II		5.PROJECT NUMBER  48664
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>This training facility would provide the classroom and academic support space for instruction and instructors for the III Corps NCO Academy, the Army's Teletraining Network (T-NET) and the Trans Texas Video Network (TTVN), and college campus classes at Fort Hood both credit and non-credit. Video classrooms would strengthen the training capability of Fort Hood especially as technology continues to develop new programs and approaches to training. Distance learning and training programs would be teletransported to Fort Hood allowing greater command flexibility and access to current training opportunities. Training, previously unavailable due to high cost or accessibility of equipment or facilities, i.e., bio-medical equipment technology, computer-aided manufacturing and food service, is attainable via telecommunications. Distance learning would also be a vital link to state sponsored training facilities that would support the Army's continued transition efforts. Automated testing facilities are required for Army personnel testing (APT) and academic testing, accommodating large groups of 50 and more. This facility will also provide a Network Operations Center. The Director of Information Management will interface with over 2,800 buildings. Suitable facilities for training of the total force are essential to maintain quality in the face of the increased complexity of weapons systems. The emphasis on individual self-development training requires the use of automation to deliver tailored instruction and automated training facilities allow the cost effective and efficient use of worldwide resources.</p> <p><u>CURRENT SITUATION:</u>    Fort Hood training organizations use 71 classrooms, one arms room and one motor pool bay for training. The training and administrative functions are scattered throughout 53 buildings of wooden World War II era construction and seven temporary buildings containing 16 classrooms provided by Central Texas College. All locations are beyond maximum training capacity with utilization of training schedules to include noon hour, after hours, and weekend time frames. Unit training requirements are juggled daily in an attempt to find adequate training space. No classroom is available to accommodate more than 35 personnel at a time, and no auditorium exists. Current classroom requirements exceed the capability to meet demand. Additional classroom space is being leased from the local school district. Dollars expended for lease reduces the funding available for training programs. Local institutions have been granted approval for temporary modular buildings on post to meet the escalating need for duty required training. The configuration of the wooden buildings is not readily adapted to modern classroom design and equipment. Additionally, these buildings are not energy efficient, expensive to maintain, and pose serious health and safety issues. Related functions are often fragmented, resulting in inefficient and redundant operations.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, Fort Hood will not meet the current training needs for a population of over 45,000 soldiers. Fort Hood's growth and an analysis of our recent needs assessment survey clearly</p>		



1.COMPONENT	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Hood, Texas		
4.PROJECT TITLE	5.PROJECT NUMBER	
Force XXI Soldier Development Center Ph II	48664	
<p>IMPACT IF NOT PROVIDED: (CONTINUED)</p> <p>shows that we are currently not meeting the training needs of this military community. Adequate facilities are not available to train the soldier population and does not meet the training standards and requirements of Education 2000 programs for soldiers, their families, and civilian employees.</p> <p>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. This project is the only feasible option to meet the requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	MAR 1998	
(b) Percent Complete As Of January 1999.....	35.00	
(c) Date 35% Designed.....	JAN 1999	
(d) Date Design Complete.....	DEC 1999	
(e) Parametric Cost Estimating Used to Develop Costs	YES	
(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.....	780	
(b) All Other Design Costs.....	390	
(c) Total Design Cost.....	1,170	
(d) Contract.....	390	
(e) In-house.....	780	
(4) Construction Start.....	MAR 2000	
(5) Construction Completion.....	NOV 2001	

1.COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999								
3.INSTALLATION AND LOCATION  Fort Hood, Texas										
4.PROJECT TITLE  Force XXI Soldier Development Center Ph II		5.PROJECT NUMBER  48664								
<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>			<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										
<p>Installation Engineer: Richard W. Craig</p> <p>Phone Number: 817 287-5707</p>										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Hood Texas			4.PROJECT TITLE Railhead Facility Phase II		
5.PROGRAM ELEMENT  46029A	6.CATEGORY CODE  860	7.PROJECT NUMBER  50785	8.PROJECT COST (\$000) Auth Approp      14,800		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				15,977	
Engine Maintenance Facility	m2 (SF)	745 ( 8,019)	1,363	(1,016)	
Rail Operations Facility	m2 (SF)	278.80 ( 3,001)	1,246	(347)	
Deployment Warehouse	m2 (SF)	2,493 ( 26,834)	545.92	(1,361)	
DRRF Admin Facility	m2 (SF)	278.80 ( 3,001)	1,246	(347)	
Scale House	m2 (SF)	6 ( 64.58)	1,113	(7)	
Total from Continuation page				(12,899)	
<u>SUPPORTING FACILITIES</u>				13,306	
Electric Service	LS	--	--	(904)	
Water, Sewer, Gas	LS	--	--	(343)	
Paving, Walks, Curbs & Gutters	LS	--	--	(2,264)	
Storm Drainage	LS	--	--	(296)	
Site Imp( 9,181) Demo( )	LS	--	--	(9,181)	
Information Systems	LS	--	--	(318)	
ESTIMATED CONTRACT COST				29,283	
CONTINGENCY PERCENT (5.00%)				<u>1,464</u>	
SUBTOTAL				30,747	
SUPV, INSP & OVERHEAD (5.70%)				<u>1,753</u>	
TOTAL REQUEST				32,500	
TOTAL REQUEST (ROUNDED)				32,500	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      Construct Phase 2 of a railhead facility. In FY 99, Congress authorized \$32.5 million and appropriated \$17.5 million for Phase I. The total project includes 12 railroad loading spurs with drive-on end ramps; trailer on flat car (TOFC) and container on flat car dock; floodlighting; nine rail car sorting and classification tracks, three for TOFC and gondolas and six tracks for 40 various size cars on each track; latrine facility; engine maintenance facility with refueling station and sand dispensing system; warehouse for deployment storage; control tower; Deployment Ready Reaction Field (DRRF) administrative facility; instruction building; staging area hardstand; vehicle wash facility for final cleaning prior to loading onto rail carriers; tactical vehicle scales (110 ton capacity); rail operations facility with latrine; wye to turn a string of 50 railcars; ammunition upload area for loading combat loads of ammunition prior to shipment; associated switches; and connecting link to existing Burlington Northern & Santa Fe (BN&SF) rail system. Spurs shall be of sufficient length to hold 20 each 27 meter (640 meters) railroad cars and should be a minimum of 15 meters apart from center of track to center of track to allow maintenance and support vehicles passage between spurs. Provide six side ramps to facilitate the handling of materials in boxcars. Project also includes fire protection and alarm systems. Supporting facilities include utilities;					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Hood, Texas		
4.PROJECT TITLE  Railhead Facility Phase II		5.PROJECT NUMBER  50785

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Control Tower	m2 (SF)	25 ( 269.10)	3,287	(82)
Vehicle Wash Facility	m2 (SF)	795 ( 8,557)	400.32	(318)
Rail Track & Switches	m (LF)	24,076 ( 78,990)	325.24	(7,831)
Turnouts	EA	37 --	43,223	(1,599)
C/TOFC Loading Area	m2 (SF)	11,182 ( 120,362)	57.96	(648)
Storage Area	m2 (SF)	10,600 ( 114,097)	43.95	(466)
Vehicle Staging Hardstand	m2 (SF)	50,310 ( 541,532)	32.44	(1,632)
Latrine	m2 (SF)	112 ( 1,206)	1,583	(177)
Building Information Systems	LS	--	--	(146)
			Total	12,899

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

electric service; exterior lighting for ramps and staging area; paving, walks, curbs and gutters; fencing; hardstand; storm drainage; and site improvements.

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11. REQ:                    26,975 m    ADQT:                    NONE                    SUBSTD:                    14,021 m

PROJECT: Construct a rail loading facility in support of the Army Strategic Mobilization Program. (Current Mission)

REQUIREMENT: The Army's mobility challenge is to deploy two heavy divisions within the theater of operations by C+30 (Days). This project is required to provide adequate rail loading capability for Fort Hood's deployment mobilization mission of providing one of those two heavy divisions. In order to meet this challenge Fort Hood must move a complete Brigade Combat Teams (BCT) array of equipment to port by C+4. A second BCT must be ready to load at port by C+6 and the third by C+8. A railhead operation capable of a 360 rail car loading cycle per day is the minimum requirement to meet this deployment mission.

CURRENT SITUATION: The existing railhead is located in a very congested area of the main cantonment. The size of this area is insufficient to accommodate staging operations prior to loading. Units are required to drive vehicles through the center of the main cantonment creating traffic congestion and unsafe conditions for pedestrians along the access thoroughfares. The railhead consists of eight spurs and one siding that can provide a maximum 160 rail car loading cycle per day. The existing spurs and tracks contain inadequate storage and no provisions for container loading operations other than mobile fork lifts and cranes. The limited space at the railhead restricts container and vehicle loading operations at the same time. The existing spurs and ramps are too close to one another to allow vehicles and loading equipment to maneuver between lines.

IMPACT IF NOT PROVIDED: If this project is not provided, the use of an

1.COMONENT	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Hood, Texas		
4.PROJECT TITLE	5.PROJECT NUMBER	
Railhead Facility Phase II	50785	
<p><u>IMPACT IF NOT PROVIDED:</u> (CONTINUED)</p> <p>insufficient rail loading site not capable of meeting the Army's mobilization deployment time frame will continue thus reducing the combat effectiveness required at C+30 in theater.</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. 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 based on project engineering was used to develop this budget estimate.</p>		
<u>12. SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	<u>MAR 1997</u>	
(b) Percent Complete As Of January 1999.....	<u>75.00</u>	
(c) Date 35% Designed.....	<u>SEP 1998</u>	
(d) Date Design Complete.....	<u>JUN 1999</u>	
(e) Parametric Cost Estimating Used to Develop Costs	<u>NO</u>	
(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>600</u>	
(b) All Other Design Costs.....	<u>300</u>	
(c) Total Design Cost.....	<u>900</u>	
(d) Contract.....	<u>200</u>	
(e) In-house.....	<u>700</u>	
(4) Construction Start..... <u>OCT 1999</u>		
(5) Construction Completion..... <u>MAR 2001</u>		
<p>Installation Engineer: Richard Craig, COL, EN</p> <p>Phone Number: 817 287-5707</p>		

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Virginia		Fort Belvoir (MDW)				299
	47224	Fire Station	1,700	500	C	301
	47271	Military Police Station	2,150	640	C	304
		Subtotal Fort Belvoir PART I	\$ 3,850	1,140		
		Fort Eustis (TRADOC)				307
	46662	Whole Barracks Complex Renewal	39,000	5,800	C	309
		Subtotal Fort Eustis PART I	\$ 39,000	5,800		
		Fort Myer (MDW)				313
	49263	Public Safety Center	2,900	870	C	315
		Subtotal Fort Myer PART I	\$ 2,900	870		
		* TOTAL MCA FOR Virginia	\$ 45,750	7,810		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Belvoir Virginia	4. COMMAND  US Army Military District of Washington	5. AREA CONSTRUCTION COST INDEX  0.96

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	1125	2553	3584	45	190	659	530	622	7267	16,575
B. END FY 2005	1216	3415	3705	40	217	217	491	577	7265	17,143

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	3,501 ha (8,650 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	685,739
C. AUTHORIZATION NOT YET IN INVENTORY.....	12,207
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	3,850
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	137,568
H. GRAND TOTAL.....	839,364

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
730	47271	Military Police Station	2,150	03/1998	07/1999
730	47224	Fire Station	1,700	10/1998	09/1999
TOTAL			3,850		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
<p>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.</p>	

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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Belvoir Virginia		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$214,545,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Belvoir Virginia			4.PROJECT TITLE  Fire Station		
5.PROGRAM ELEMENT  22896A	6.CATEGORY CODE  730	7.PROJECT NUMBER  47224	8.PROJECT COST (\$000) Auth                      1,700 Approp                    500		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					1,109
Fire Station		m2 (SF)	718.33 ( 7,732)	1,502	(1,079)
Building Information Systems		LS	--	--	(30)
<u>SUPPORTING FACILITIES</u>					409
Electric Service		LS	--	--	(61)
Water, Sewer, Gas		LS	--	--	(100)
Paving, Walks, Curbs & Gutters		LS	--	--	(75)
Storm Drainage		LS	--	--	(30)
Site Imp( 67) Demo( 26)		LS	--	--	(93)
Information Systems		LS	--	--	(25)
Antiterrorism Force Protection		LS	--	--	(25)
ESTIMATED CONTRACT COST					1,518
CONTINGENCY PERCENT (5.00%)					76
SUBTOTAL					1,594
SUPV, INSP & OVERHEAD (5.70%)					91
TOTAL REQUEST					1,685
TOTAL REQUEST (ROUNDED)					1,700
INSTALLED EQT-OTHER APPROP					(0)
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a modified standard-design, two-company fire station at Operational Support Airlift Command (OSACOM). This project will include a mechanical room, administrative section, access ramp, emergency vehicle exit, three drive-through apparatus bays, dormitory rooms, training, living, dining and kitchen, storage and workroom, alarm room and information systems. Supporting facilities include utilities, electric service, parking, signage, standby generator, storm drainage, information systems, and site improvements. Access for the handicapped will be provided in the administrative area. Air conditioning (4 tons) and heating will be provided by domestic hot water, self-contained units. Demolish four buildings (824 m2). Supporting costs are high because the project site is not adjacent to main utility lines. Anti-terrorism/force protection measures include screening (landscaping and barricades).					
11. REQ:                      2,523 m2    ADQT:                      1,749 m2    SUBSTD:                      2,235 m2					
PROJECT: Construct a modified standard-design two-company fire station.					
(Current Mission)					

1. COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Belvoir, Virginia		
4. PROJECT TITLE  Fire Station		5. PROJECT NUMBER  47224
<p><u>REQUIREMENT:</u> This new facility is required to house two fire companies and provide 24 hour protection to this Class A Army Airfield. The mission of the fire station at Davison United States Army Airfield (DUSAA) is to provide Aircraft Rescue Firefighting (ARFF), structural fire protection, and crash fire rescue for the Operational Support Airlift Command (OSAC), and to protect Army assets of 70 aircraft and 47 structures, including seven aircraft hangers. The units serve not only the airfield, but numerous encircling Army assets. This station also performs fire extinguisher maintenance for the entire installation, including tenants. Facilities must be large enough to accommodate large, state-of-the-art foam generating Aircraft Rescue Firefighting (ARFF) and structural firefighting apparatus vehicles (length 30' x 9' x 12' high).</p> <p><u>CURRENT SITUATION:</u> The fire station at OSAC/DUSAA is a 5,226 square feet building. The facility, a 24 hour operation, houses two fire companies which comprises three tactical motorized ARFF, and ARFF/Structural Units. The fourth apparatus, a reserve ARFF unit, is presently stored in a warehouse on Fort Belvoir. Space in the existing building is inadequate to properly perform fire extinguisher maintenance, and there is no storage for the fire extinguishers or other supplies. The living space in the present structure is insufficient in size to lodge the required number of personnel (minimum of seven). Dormitory space for the firefighters is insufficient in that it is closed-quartered and communal. There are no private accommodations. Classroom and/or training rooms do not exist. The lighting and heating, ventilation and air conditioning (HVAC) are inadequate throughout the entire building, and the facility is not equipped with a sprinkler system or modern fire alarm systems to protect the occupants. The present facility cannot be expanded due to the proximity of the airfield runway and surrounding fixed facilities. There is inadequate space to house the large foaming units; each bay is 30' deep, the same as the length of the apparatus. When the apparatus are brought inside there is less than one-inch to close the bay doors. Interior doors and passageways between administrative and work areas are blocked.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the fire station will continue to operate in an inadequate structure that lacks the modern, energy efficient amenities that are required in the standard design guide. The three apparatus vehicles that are housed in the current building will continue to impose a safety hazard due to the lack of space between the vehicles and the bay doors. The fourth apparatus, a reserve ARFF unit, will continue to be stored in a warehouse elsewhere on Fort Belvoir, causing delay in response time. Training will continue to take place in the bay areas of the existing fire station which are not suitable for classroom training; and equipment/supplies that are used for this facility will remain stored at other locations.</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</p>		



1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Belvoir Virginia			4.PROJECT TITLE Military Police Station		
5.PROGRAM ELEMENT  22896A	6.CATEGORY CODE  730	7.PROJECT NUMBER  47271	8.PROJECT COST (\$000) Auth                      2,150 Approp                    640		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					1,422
Police/MP Station		m2 (SF)	915.65 (      9,856)	1,368	(1,253)
IDS Installation		LS	--	--	(87)
Emergency Generator		kWe(KW)	50 (            50)	602.38	(30)
Building Information Systems		LS	--	--	(52)
<u>SUPPORTING FACILITIES</u>					528
Electric Service		LS	--	--	(46)
Water, Sewer, Gas		LS	--	--	(45)
Paving, Walks, Curbs & Gutters		LS	--	--	(102)
Storm Drainage		LS	--	--	(68)
Site Imp(      84) Demo(    104)		LS	--	--	(187)
Information Systems		LS	--	--	(60)
Antiterrorism Force Protection		LS	--	--	(20)
ESTIMATED CONTRACT COST					1,950
CONTINGENCY PERCENT (5.00%)					98
SUBTOTAL					2,048
SUPV, INSP & OVERHEAD (5.70%)					117
TOTAL REQUEST					2,165
TOTAL REQUEST (ROUNDED)					2,150
INSTALLED EQT-OTHER APPROP					(0)
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Project includes evidence rooms, interview rooms, breathalyzer room, detention cells, emergency operations room, information systems, lost and found storage room, and male/female showers. The building will be monitored by closed-circuit television. Install an intrusion detection system (IDS). Special provisions will be made for an emergency communications network and an emergency generator. Supporting facilities include utilities; electric service and electrical transformers; 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 (gas-fired) and air conditioning (23 tons) will be provided by self-contained units. Demolish one building (1,193 SM) with removal of asbestos floor tile and demolish pavement (3,010 SM). Supporting costs are high due to building demolition costs. Anti-terrorism/force protection measures include screening (landscaping and barricades).					

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Belvoir, Virginia		
4.PROJECT TITLE  Military Police Station		5.PROJECT NUMBER  47271
<p>11. REQ:                    1,069 m2    ADQT:                    NONE                    SUBSTD:                    1,193 m2</p> <p>PROJECT: Construct a military police station. (Current Mission)</p> <p>REQUIREMENT: This project is required to relocate the military police operations from a World War II (WWII) temporary, wooden building into a modern, efficient and centrally located facility. The facility will be located to provide the public with ready access to the complete range of military police community service activities. The facility will increase the responsiveness of the military police within the military community and in support of local law enforcement agencies. This facility is required to provide constant and reliable voice and data communications with military, federal, state, and local law enforcement agencies.</p> <p>CURRENT SITUATION: Fort Belvoir's military police operations currently are housed in a 1,193 m2 WWII temporary wooden building, which lacks adequate room to effectively carry out the wide range of military police operations. Military police and investigators have to double up on desk space to conduct their daily administrative duties. Interview with witnesses and complainants must be conducted in open office areas due to the lack of private interview rooms, which violates the privacy of the interview. Evidence storage is less than ideal and presents a potential for losing court cases. Breathalyzer tests are conducted in non-ideal conditions, which creates the potential for inadmissible evidence. Lost and found items are stored in metal garden sheds with inadequate security.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, military police operations will continue to be housed in an old, wooden building with the attendant reduction of quality of service to the service member, their families, civilian employees, and the retiree. There are no other permanent facilities currently available in which to relocate the military police operations.</p> <p>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 based on project engineering was used to develop this budget estimate.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data: <div style="margin-left: 40px;"> (1) Status: <div style="margin-left: 40px;"> (a) Date Design Started..... <u>MAR 1998</u>  (b) Percent Complete As Of January 1999..... <u>35.00</u>  (c) Date 35% Designed..... <u>JAN 1999</u>  (d) Date Design Complete..... <u>JUL 1999</u>  (e) Parametric Cost Estimating Used to Develop Costs <u>YES</u> </div> </div>		

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE
ARMY		08 FEB 1999
3. INSTALLATION AND LOCATION		
Fort Belvoir, Virginia		
4. PROJECT TITLE		5. PROJECT NUMBER
Military Police Station		47271
12. SUPPLEMENTAL DATA: (Continued)		
A. Estimated Design Data: (Continued)		
(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.....		84
(b) All Other Design Costs.....		140
(c) Total Design Cost.....		224
(d) Contract.....		_____
(e) In-house.....		224
(4) Construction Start.....		FEB 2000
(5) Construction Completion.....		AUG 2001
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> (\$000)
NONE		
<p>Installation Engineer: Stacey K. Hirata</p> <p>Phone Number: 703-806-3017</p>		

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Eustis Virginia	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	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	665	4865	2065	189	1882	17	27	637	1817	12,164
B. END FY 2005	731	5167	2368	952	2006	17	36	638	1680	13,595

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	3,330 ha (8,228 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	243,933
C. AUTHORIZATION NOT YET IN INVENTORY.....	67,611
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	39,000
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	54,000
H. GRAND TOTAL.....	404,544

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS START COMPLETE
	CODE NUMBER			
	721 46662	Whole Barracks Complex Renewal	39,000	02/1999 03/2000
TOTAL			39,000	

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:	
<p>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.</p>	

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 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Eustis Virginia		
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$240,746,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Eustis Virginia			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  85796A	6.CATEGORY CODE  721	7.PROJECT NUMBER  46662	8.PROJECT COST (\$000) Auth                      39,000 Approp                    5,800		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Barracks	m2 (SF)	5,797 ( 62,400)	1,313	28,067 (7,613)	
Soldier Community Buildings	m2 (SF)	1,242 ( 13,364)	1,345	(1,671)	
Company Operations Facilities	m2 (SF)	12,689 ( 136,584)	1,254	(15,912)	
Special Foundation	LS	--	--	(1,911)	
EMCS Connection	LS	--	--	(300)	
Total from Continuation page				(660)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	6,686 (921)	
Water, Sewer, Gas	LS	--	--	(506)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,430)	
Storm Drainage	LS	--	--	(369)	
Site Imp( 1,201) Demo( 1,259)	LS	--	--	(2,460)	
Information Systems	LS	--	--	(1,000)	
ESTIMATED CONTRACT COST				34,753	
CONTINGENCY PERCENT (5.00%)				1,738	
SUBTOTAL				36,491	
SUPV, INSP & OVERHEAD (5.70%)				2,080	
TOTAL REQUEST				38,571	
TOTAL REQUEST (ROUNDED)				39,000	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard-design whole barracks renewal complex with soldier community buildings and 15 standard-design company operations facilities (8 medium and 7 large size). Barracks include living/sleeping rooms, semi-private baths, walk-in closets, storage, and service areas. Company operations contain administrative space, classrooms, arms vault, Nuclear Biological and Chemical (NBC) equipment storage, and shower facilities. Install an intrusion detection system (IDS). Connect energy monitoring and control system (EMCS). Project also includes sprinkler system. Special foundation work is required. Supporting facilities include utilities; electric service; exterior lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; fencing; storm drainage; recreational areas for basketball, volleyball and relocate/replace four tennis courts; information systems; and site improvements. Heating (gas-fired) and air conditioning (600 tons) will be provided by self-contained systems. Access for the handicapped will be provided in soldier community building. Demolish four buildings (14,805 m2). Comprehensive building and furnishings related interior design services are required.					

1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																									
ARMY		08 FEB 1999																									
3. INSTALLATION AND LOCATION																											
Fort Eustis, Virginia																											
4. PROJECT TITLE	5. PROJECT NUMBER																										
Whole Barracks Complex Renewal	46662																										
<u>9. COST ESTIMATES (CONTINUED)</u> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Item</th> <th style="text-align: left;">UM (M/E)</th> <th style="text-align: left;">QUANTITY</th> <th style="text-align: left;">Unit COST</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td>IDS Installation</td> <td>LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(60)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td style="text-align: center;">--</td> <td style="text-align: center;">--</td> <td style="text-align: right;">(600)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">660</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					IDS Installation	LS	--	--	(60)	Building Information Systems	LS	--	--	(600)				Total	660
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																							
<u>PRIMARY FACILITY (CONTINUED)</u>																											
IDS Installation	LS	--	--	(60)																							
Building Information Systems	LS	--	--	(600)																							
			Total	660																							
<u>11. REQ:</u> 1,233 PN <u>ADQT:</u> 581 PN <u>SUBSTD:</u> 652 PN <u>PROJECT:</u> Construct a standard-design barracks complex (192-person capacity) with soldier community building and company operations facilities. (Current Mission) <u>REQUIREMENT:</u> This project is the third phase of a four phase initiative to construct a barracks complex, one dining facility and 15 company operations buildings. This project will provide adequate, standard housing that complies with current Army standards for barracks for unaccompanied enlisted permanent party personnel stationed at Fort Eustis and will contribute to the health, welfare and morale of the service members residing in these barracks. Maximum and intended utilization is 192 soldiers. This project will also include eight medium size and seven large size standard-design company operations buildings. <u>CURRENT SITUATION:</u> Current facilities, originally constructed in the 1950s do not meet minimum Army standards for unaccompanied personnel housing. Current room construction allows only for a maximum of 8 m2 per person. Latrine and shower facilities are the central, gang type configuration that provide no privacy for the soldiers. The electrical and telephone provisions are inadequate to provide soldiers with a quality of life environment. The company operations functions are presently located on the first floor of each facility with the arms storage in the basement. <u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, permanent party enlisted personnel will continue to be housed in substandard facilities, resulting in lower morale and retention rates. Improvements in keeping with the Army's Communities of Excellence program will not be provided which will directly affect the welfare of these barracks residents. <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. A parametric cost estimate was used to develop the budget estimate. During the past two years, approximately \$4.1 million has been spent on Real Property Maintenance for unaccompanied enlisted permanent party housing at Fort Eustis. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 460 personnel at this installation.																											

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Eustis, Virginia		
4.PROJECT TITLE  Whole Barracks Complex Renewal		5.PROJECT NUMBER  46662

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>FEB 1999</u>
(b) Percent Complete As Of January 1999.....	<u>.00</u>
(c) Date 35% Designed.....	<u>JUN 1999</u>
(d) Date Design Complete.....	<u>MAR 2000</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>

(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.....	<u>2,300</u>
(b) All Other Design Costs.....	<u>800</u>
(c) Total Design Cost.....	<u>3,100</u>
(d) Contract.....	<u>2,700</u>
(e) In-house.....	<u>400</u>

(4) Construction Start..... JUN 2000

(5) Construction Completion..... SEP 2002

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

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

Installation Engineer: COL Robert Reardon, DPW

Phone Number: 757 878-2806

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Fort Myer Virginia	4. COMMAND  US Army Military District of Washington	5. AREA CONSTRUCTION COST INDEX  0.96

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED							
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	101	1788	960	0	0	0	63	1173	1373	5,458
B. END FY 2005	108	1794	819	0	0	0	63	1173	1373	5,330

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	104 ha (256 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	95,812
C. AUTHORIZATION NOT YET IN INVENTORY.....	14,400
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	2,900
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	19,193
H. GRAND TOTAL.....	132,305

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
730	49263	Public Safety Center	2,900	02/1999	10/1999
TOTAL			2,900		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<p>Fort Myer serves as a troop/ceremonial post in support of missions assigned to the U.S. Army Military District of Washington. Fort Myer provides troop housing for the 3rd Inf Regt (The Old Guard), the U.S. Army Band (Pershing's Own), and authorized members of all services within the National Capital Region. Fort Myer provides housing for the Chairman, Joint Chiefs of Staff, the Chief of Staff, Army and the Chief of Staff, Air Force. Fort Myer, the Old Guard and the Army Band are responsible for supporting Arlington National Cemetery and numerous military ceremonies and public events throughout the Nation's Capital. Fort Myer provides base operations (BASOPS) support to the Pentagon, the White House and other authorized claimants throughout the National Capital Region. The 3rd Inf Regt supports contingency missions throughout the National Capital Region.</p>

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: Fort Myer Virginia										
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <table> <tr> <td></td> <td>(\$000)</td> </tr> <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> </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 estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$78,161,000, based on the Installation Status Report information on conditions as of October 1998.										

1.COMPONENT  ARMY	FY 1999 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  01 MAR 1999
3.INSTALLATION AND LOCATION Fort Myer Virginia		4.PROJECT TITLE  Public Safety Center		
5.PROGRAM ELEMENT  22896A	6.CATEGORY CODE  730	7.PROJECT NUMBER  49263	8.PROJECT COST (\$000) Auth                      2,900 Approp                    870	
9.COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				
Public Safety Center	SF	16,000	116.04	2,109 (1,857)
IDS Installation	LS	--	--	(15)
Environmental Site clean up	LS	--	--	(204)
Building Information Systems	LS	--	--	(33)
<u>SUPPORTING FACILITIES</u>				
Electric Service	LS	--	--	495 (90)
Water, Sewer, Gas	LS	--	--	(44)
Steam And/Or Chilled Water Distr	LS	--	--	(31)
Paving, Walks, Curbs And Gutters	LS	--	--	(139)
Storm Drainage	LS	--	--	(33)
Site Imp(            ) Demo(        43)	LS	--	--	(43)
Information Systems	LS	--	--	(95)
Antiterrorism Force Protection	LS	--	--	(20)
ESTIMATED CONTRACT COST				2,604
CONTINGENCY PERCENT (5.00%)				<u>130</u>
SUBTOTAL				2,734
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				<u>156</u>
TOTAL REQUEST				2,890
TOTAL REQUEST (ROUNDED)				2,900
INSTALLED EQT-OTHER APPROPRIATIONS				( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct Public Safety Center (PSC) which will house the Fort Myer Military Community (FMMC) Fire Prevention and Protection Division (FPPD), Directorate of Public Works (DPW); Provost Marshal's Office (PMO); and Safety Office. Facility includes administrative, sleeping, detention, reception, and common use areas. Install an intrusion detection system (IDS). Project site will require environmental clean-up. Supporting facilities include utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; apron area; storm water management; traffic control devices; information systems; and site improvements. Access for the handicapped will be provided. Heating and air conditioning (20 tons) will be provided. Demolish existing fire station (174 m2). Anti-terrorism/force protection measures include building screening.				
11. REQ:                      16,000 SF    ADQT:                      NONE                      SUBSTD:                      11,164 SF PROJECT: Construct a Public Safety Center (PSC) which will house the Fort Myer Military Community (FMMC) Fire Prevention and Protection Division (FPPD),				



1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Myer, Virginia		
4.PROJECT TITLE  Public Safety Center		5.PROJECT NUMBER  49263
<p><u>PROJECT:</u> (CONTINUED)</p> <p>Directorate of Public Works (DPW); Provost Marshal's Office (PMO); Safety Office. (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide a centralized facility for the operations of the safety office, Provost Marshall's Office, and the Fire Prevention and Protection Division of the Directorate of Public Works. This facility will operate 24 hours a day. Centralized operation is required to maximize the efficiency of the public safety response functions of the installation and support the personnel living and working at Fort Myer.</p> <p><u>CURRENT SITUATION:</u> The Provost Marshall operation is currently located in a building in the central portion of the installation. The building was constructed in 1896 and is located in the installation's historic district and contains 567 square meters. The buildings spatial arrangement is inefficient to accommodate the operational requirements of the Provost Marshal. The FPPD is located in another building and contains 398 square meters. This building was constructed in 1909 and also located in the installation's historic district. The facility does not provide the minimum accommodation to support the fire department operations. The two buildings are located in a highly congested area of the installation. This location detrimentally effects the flow of traffic into and out of the two facilities. Fire response runs are adversely effected by the proximity of the Conmy Assembly Hall and the width of Jackson Avenue as the fire apparatus exits the apparatus bays. The Safety Office is located in another building and utilizes 72 square meters.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, efficient operation of two of the essential safety and security activities will be seriously hampered. Failure to construct this proposed joint use facility will result in the following: response routes will continue to be hampered due to present locations; safety, health, and accessibility issues will continue to plague these operations, as well as have adverse effect on the ceremonial horses in the adjacent stables; restrictive parking availability will continue to be an issue for the personnel and visitors using the surrounding facilities; the fire department administrative personnel will have to be relocated outside of the current facility; the fire department will continue to be farther away from the "High Risk" facilities on post effecting response time; military police station will continue to be vulnerable with exposed wiring, aging utility systems, hazardous stairways, and tight administrative environment.</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. A parametric cost estimate was used to develop this budget estimate.</p>		

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Myer, Virginia		
4.PROJECT TITLE  Public Safety Center	5.PROJECT NUMBER  49263	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	<u>FEB 1999</u>
(b) Percent Complete As Of January 1999.....	<u>.00</u>
(c) Date 35% Designed.....	<u>JUN 1999</u>
(d) Date Design Complete.....	<u>OCT 1999</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>

(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>30</u>
(c) Total Design Cost.....	<u>200</u>
(d) Contract.....	<u>          </u>
(e) In-house.....	<u>200</u>

(4) Construction Start..... MAR 2000

(5) Construction Completion..... AUG 2001

Installation Engineer: Michael Schultz

Phone Number: 703-696-6400

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/ CURRENT	PAGE
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST	MISSION	
-----	-----	-----	-----	-----	-----	-----
Washington		Fort Lewis (FORSCOM)				321
	41845	Physical Fitness Training Center	6,200	1,850	C	323
	43092	Ammunition Supply Point	5,200	1,560	C	326
	44800	Tank Trail Erosion Mitigation-Yakima V	12,000	2,000	C	329
		Subtotal Fort Lewis PART I	\$ 23,400	5,410		
		* TOTAL MCA FOR Washington	\$ 23,400	5,410		
		** TOTAL INSIDE THE UNITED STATES FOR MCA	\$ 903,200	478,713		

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Fort Lewis Washington		4. COMMAND  US Army Forces Command			5. AREA CONSTRUCTION COST INDEX  1.10	

6. PERSONNEL STRENGTH:											
	PERMANENT			STUDENTS			SUPPORTED				
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL	
A. AS OF 30 SEP 1998	2322	15776	2414	19	197	0	60	129	2308	23,225	
B. END FY 2005	2446	16174	2019	24	202	0	59	129	2308	23,361	

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	34,873 ha (86,174 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	1,034,506
C. AUTHORIZATION NOT YET IN INVENTORY.....	253,042
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	23,400
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	0
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	226,108
H. GRAND TOTAL.....	1,527,056

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:						
CATEGORY PROJECT			COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE	
422	43092	Ammunition Supply Point	5,200	01/1998	09/1999	
851	44800	Tank Trail Erosion Mitigation-Yakima V	12,000	02/1998	06/1999	
740	41845	Physical Fitness Training Center	6,200	10/1998	12/1999	
TOTAL			23,400			

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM: NONE		
851		
B. PLANNED NEXT FOUR 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 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.

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Fort Lewis Washington		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		
		(\$000)
A. AIR POLLUTION		0
B. WATER POLLUTION		0
C. OCCUPATIONAL SAFETY AND HEALTH		0
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$619,410,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Lewis Washington			4.PROJECT TITLE Physical Fitness Training Center		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  740	7.PROJECT NUMBER  41845	8.PROJECT COST (\$000) Auth                      6,200 Approp                    1,850		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					4,838
Physical Fitness Center		m2 (SF)	3,050 ( 32,830)	1,572	(4,793)
Building Information Systems		LS	--	--	(45)
<u>SUPPORTING FACILITIES</u>					775
Electric Service		LS	--	--	(71)
Water, Sewer, Gas		LS	--	--	(68)
Paving, Walks, Curbs & Gutters		LS	--	--	(145)
Storm Drainage		LS	--	--	(35)
Site Imp( 187) Demo( 150)		LS	--	--	(337)
Information Systems		LS	--	--	(119)
ESTIMATED CONTRACT COST					5,613
CONTINGENCY PERCENT (5.00%)					281
SUBTOTAL					5,894
SUPV, INSP & OVERHEAD (5.70%)					336
TOTAL REQUEST					6,230
TOTAL REQUEST (ROUNDED)					6,200
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a standard-design physical fitness facility. Project includes gymnasium, exercise area, weight room, racquetball courts, administrative and support areas. Supporting facilities include utilities; electric service and area 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 will be provided by a gas-fired system with dual fuel capability. Demolish one building (1,072 m2). Mechanical ventilation: 120,000 CFM.					
11. REQ:                      14,800 m2    ADQT:                      1,069 m2    SUBSTD:                      11,505 m2					
<u>PROJECT:</u> Construct a standard-design physical fitness facility. (Current Mission)					
<u>REQUIREMENT:</u> This project is required to provide adequate physical fitness facilities for personnel assigned on North Fort Lewis.					



1.COMPONENT		2.DATE
ARMY FY 2000 MILITARY CONSTRUCTION PROJECT DATA		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4.PROJECT TITLE		5.PROJECT NUMBER
Physical Fitness Training Center		41845
<p><u>CURRENT SITUATION:</u> Existing North Fort physical fitness facilities are scattered, temporary structures constructed between 1945 and 1949. The existing North Fort gymnasium lacks sufficient space needed to support current activities, as well as recreational activities. The racquetball center, if not replaced, would require extensive modernization of its heating system, as well as provisions for interior insulation to reach an acceptable level of service. Main Post facilities are not convenient for use based upon the travel distances involved and are overwhelmed during peak periods.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers at North Fort Lewis will not have an adequate facility in which to conduct a physical fitness program and organized indoor sports. This will adversely affect the soldiers' physical conditioning, quality-of-life, health and morale, thereby jeopardizing retention rates, and ultimately, unit readiness. The severe winter conditions necessitate indoor facilities for year round fitness activities</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 was prepared and utilized in evaluating this project. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a)	Date Design Started.....	OCT 1998
(b)	Percent Complete As Of January 1999.....	35.00
(c)	Date 35% Designed.....	JAN 1999
(d)	Date Design Complete.....	DEC 1999
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(2) Basis:		
(a)	Standard or Definitive Design:	YES
(b)	Where Most Recently Used:	Fort Detrick
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a)	Production of Plans and Specifications.....	350
(b)	All Other Design Costs.....	155
(c)	Total Design Cost.....	505
(d)	Contract.....	400
(e)	In-house.....	105
(4)	Construction Start.....	JAN 2000

1.COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999								
3.INSTALLATION AND LOCATION  Fort Lewis, Washington										
4.PROJECT TITLE  Physical Fitness Training Center		5.PROJECT NUMBER  41845								
12. <u>SUPPLEMENTAL DATA:</u> (Continued) A. Estimated Design Data: (Continued) (5) Construction Completion..... <u>MAR 2001</u>  B. Equipment associated with this project which will be provided from other appropriations:  <table> <thead> <tr> <th>Equipment <u>Nomenclature</u></th> <th>Procuring <u>Appropriation</u></th> <th>Fiscal Year Appropriated <u>Or Requested</u></th> <th>Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4">NA</td> </tr> </tbody> </table>			Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>	NA			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>							
NA										
Installation Engineer: COL Arthur B. Gravatt, III Phone Number: DSN 357-3191										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Fort Lewis Washington			4.PROJECT TITLE Ammunition Supply Point		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  422	7.PROJECT NUMBER  43092	8.PROJECT COST (\$000) Auth                      5,200 Approp                  1,560		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				2,693	
General Purpose Magazine	m2 (SF)	1,394 ( 15,005)	834.55	(1,163)	
Administration Building	m2 (SF)	148.64 ( 1,600)	1,380	(205)	
Igloo Storage	m2 (SF)	371.61 ( 4,000)	2,261	(840)	
Ammo Surveillance Workshop	m2 (SF)	185.81 ( 2,000)	1,122	(209)	
Renovate Existing Igloos	EA	10 --	21,411	(214)	
Total from Continuation page				(62)	
<u>SUPPORTING FACILITIES</u>				2,026	
Electric Service	LS	--	--	(287)	
Water, Sewer, Gas	LS	--	--	(71)	
Paving, Walks, Curbs & Gutters	LS	--	--	(432)	
Storm Drainage	LS	--	--	(64)	
Site Imp( 623) Demo( 7)	LS	--	--	(630)	
Information Systems	LS	--	--	(375)	
Antiterrorism Force Protection	LS	--	--	(167)	
ESTIMATED CONTRACT COST				4,719	
CONTINGENCY PERCENT (5.00%)				236	
SUBTOTAL				4,955	
SUPV, INSP & OVERHEAD (5.70%)				282	
TOTAL REQUEST				5,237	
TOTAL REQUEST (ROUNDED)				5,200	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct two standard-design, earth mounded, oval arched, primary ammunition igloos; two above ground ammunition storage magazine facilities; a general purpose administrative facility to include customer service area; material handling equipment (MHE) storage, and vehicle receiving area; lightning protection; and an ammunition surveillance workshop. Renovation of ten igloos including blast door repair/replacement, weather sealing around floor edging, and repair/replace interior lighting and security system. 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, pumping station, water storage, 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 an oil-fired self-contained unit. Demolish two buildings (240 SM). Anti-terrorism/force protection measures					

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Fort Lewis, Washington		
4.PROJECT TITLE  Ammunition Supply Point	5.PROJECT NUMBER  43092	

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(10)
Building Information Systems	LS	--	--	(52)
Total				62

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)  
include fencing and additional security lighting

---

11. REQ:                    3,955 m2    ADQT:                    2,190 m2    SUBSTD:                    NONE

PROJECT: Construct two earth covered ammunition igloos, and two above ground ammunition magazines, renovate ten ammunition igloos, and construct an administrative facility. (Current Mission)

REQUIREMENT: This project is required to eliminate the transport of munitions 165 miles across the Cascade Mountains passes from Fort Lewis and provide the required storage for the force modernization of new weapons systems. This facility will provide ammunition storage for various compatibility groupings at Yakima Training Center (YTC). This will include the capability to store for the training mission of the new Multi-Purpose Range Complex (completed in FY88).

CURRENT SITUATION: At the present time the YTC ammunition storage point (ASP) consists of ten standard igloos and one above ground magazine. Due to limited compatibility in storage, only minimal quantities of pyrotechnic and demolition ammunition can be accommodated. Storage for white phosphorous (WP) ammunition, fragmentation and offensive grenades, and heavy demolition items used at the Yakima Firing Center is not available at the ASP. Consequently, these munitions must be shipped to the Fort Lewis ASP and then to Yakima Training Center, a distance of approximately 165 miles by road (a three hour drive). These munitions are stored outdoors in makeshift areas until issued. This situation generates several safety, security and logistical problems. During such transport, ammunition are vulnerable to exposure, explosion and/or theft.

IMPACT IF NOT PROVIDED: If this project is not provided, the transport of ammunition will result in continued vulnerability of explosives to accidental explosion and/or terrorist actions while in transit between Fort Lewis and Yakima Training Center. Existing storage deficiencies will be further exacerbated by a projected 20 percent increase in live fire training exercises and introduction of new weapons systems at Yakima Training Center.

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. This project must be submitted to the Department of Defense Explosive Safety Board (DDESB) for

1.COMONENT	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4.PROJECT TITLE	5.PROJECT NUMBER	
Ammunition Supply Point	43092	
ADDITIONAL:      (CONTINUED) review and approval. An economic analysis has been prepared and utilized in evaluating this project. A parametric cost estimate based on project engineering was used to develop this budget estimate.		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	<u>JAN 1998</u>	
(b) Percent Complete As Of January 1999.....	<u>35.00</u>	
(c) Date 35% Designed.....	<u>JAN 1999</u>	
(d) Date Design Complete.....	<u>SEP 1999</u>	
(e) Parametric Cost Estimating Used to Develop Costs	<u>YES</u>	
(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>290</u>	
(b) All Other Design Costs.....	<u>20</u>	
(c) Total Design Cost.....	<u>310</u>	
(d) Contract.....	<u>260</u>	
(e) In-house.....	<u>50</u>	
(4) Construction Start..... <u>DEC 1999</u>		
(5) Construction Completion..... <u>DEC 2000</u>		
B. Equipment associated with this project which will be provided from other appropriations:		
Equipment	Procuring	Fiscal Year
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u> Cost
		<u>Or Requested</u> <u>(\$000)</u>
NA		
Installation Engineer: COL Arthur B. Gravatt Phone Number: 206 967-3191		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  08 FEB 1999		
3.INSTALLATION AND LOCATION Fort Lewis Washington				4.PROJECT TITLE Tank Trail Erosion Mitigation-Yakima V			
5.PROGRAM ELEMENT  22056A		6.CATEGORY CODE  851		7.PROJECT NUMBER  44800		8.PROJECT COST (\$000) Auth                    12,000 Approp                2,000	
9.COST ESTIMATES							
ITEM		UM (M/E)		QUANTITY		UNIT COST	
PRIMARY FACILITY						COST (\$000)	
Secondary Road Upgrade		km (MI)		49.89 (        31)		36,120        1,802 (1,802)	
SUPPORTING FACILITIES							
ESTIMATED CONTRACT COST						1,802	
CONTINGENCY PERCENT (5.00%)						90	
SUBTOTAL						1,892	
SUPV, INSP & OVERHEAD (5.70%)						108	
TOTAL REQUEST						2,000	
TOTAL REQUEST (ROUNDED)						2,000	
INSTALLED EQT-OTHER APPROP						(0)	
10.Description of Proposed Construction      This project is the fifth of ten phases. Full authorization is requested for the remaining phases. Construct environmental mitigation by upgrading secondary roads to mitigate impacts to surface water quality, soil erosion, vegetation, and wildlife habitat. Project includes treating existing roads with crushed rock, providing stream crossing protection, and providing protection for sensitive and riparian areas.							
11. REQ:                    483 km    ADQT:                    203 km    SUBSTD:                    280 km							
PROJECT: Construct environmental mitigation by upgrading existing dirt roads to crushed rock and improving drainage and stream crossings. This is the fifth of ten phases. (Current Mission)							
REQUIREMENT: This project is required to reduce erosion from training activities at Yakima Training Center for the stationing of mechanized or armored combat forces (heavy forces) at Fort Lewis, Washington. These units were moved as part of the overseas draw down and were stationed at Fort Lewis. This project was identified in the final environmental impact statement (EIS) and the record of decision (ROD). In addition, improved roads are expected to attract and hold more traffic than poorly maintained roads. This will result in less impact to vegetation and soils which directly impacts surface water quality and wildlife habitat.							

1.COMPONENT		2.DATE
ARMY  FY 2000      MILITARY CONSTRUCTION PROJECT DATA		08 FEB 1999
3.INSTALLATION AND LOCATION		
Fort Lewis, Washington		
4.PROJECT TITLE		5.PROJECT NUMBER
Tank Trail Erosion Mitigation-Yakima V		44800
<p><u>CURRENT SITUATION:</u> Under the current conditions at Yakima Training Center with the on-going schedule of training with heavy and wheeled vehicles, soil erosion associated with the use of the road network has been identified as the major source of erosion which impacts surface water quality. Roads that have been treated with crushed gravel, ford crossings and drainage structures have significantly reduced soil erosion and dusty conditions.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the stationing of heavy forces at Fort Lewis will not meet the environmental mitigation requirements of the Record of Decision. Tracked and wheeled vehicles will continue to pulverize the existing dirt roads into powder dust, approximately 6 to 18 inches deep. This loose, powder dust allows the roads to erode during snow melt or flash flooding which reduces stream water quality. Or, when the dust or ruts get too bad, vehicles will be driven adjacent to the existing roads which expands the erosion area and reduces vegetation and wildlife habitats.</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. Alternative methods of meeting this requirement have been explored during project development. An economic analysis has been prepared and utilized in evaluating this project. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a)	Date Design Started.....	FEB 1998
(b)	Percent Complete As Of January 1999.....	60.00
(c)	Date 35% Designed.....	MAY 1998
(d)	Date Design Complete.....	JUN 1999
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(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.....	54
(b)	All Other Design Costs.....	26
(c)	Total Design Cost.....	80
(d)	Contract.....	
(e)	In-house.....	80
(4)	Construction Start.....	DEC 1999
(5)	Construction Completion.....	SEP 2000





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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
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)			335
		Ansbach			
	47307	Whole Barracks Complex Renewal	21,000	3,150	C 337
		Bamberg			
	49359	Whole Barracks Complex Renewal	5,700	860	C 340
	51007	Whole Barracks Complex Renewal	9,300	1,400	C 343
	51009	Whole Barracks Complex Renewal	8,200	1,230	C 346
		Mannheim			
	50992	Whole Barracks Complex Renewal	4,500	675	C 349
		Subtotal Germany Various PART I	\$ 48,700	7,315	
		* TOTAL MCA FOR Germany	\$ 48,700	7,315	

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Germany Various Germany	4. COMMAND  US Army Europe and Seventh Army	5. AREA CONSTRUCTION COST INDEX  1.42

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED	
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL
A. AS OF 30 SEP 1998	7978 50705 21566	0 206 3	2941 9482 20243	113,124
B. END FY 2005	8006 50243 20830	0 0 200	2943 9477 20244	111,943

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha (0 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	463,084
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	48,700
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	32,600
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	1,410,481
H. GRAND TOTAL.....	1,920,565

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT		COST	DESIGN STATUS	
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
721	47307	Whole Barracks Complex Renewal	21,000	03/1998	09/1999
721	51009	Whole Barracks Complex Renewal	8,200	10/1998	10/1999
721	51007	Whole Barracks Complex Renewal	9,300	10/1998	09/1999
721	49359	Whole Barracks Complex Renewal	5,700	02/1999	03/2000
721	50992	Whole Barracks Complex Renewal	4,500	02/1999	03/2000
TOTAL			48,700		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
721	Whole Barracks Complex Renewal	6,800
721	Whole Barracks Complex Renewal	4,100
721	Whole Barracks Complex Renewal	7,000
721	Whole Barracks Complex Renewal	5,400
721	Whole Barracks Complex Renewal	9,300
TOTAL		32,600

10. MISSION OR MAJOR FUNCTIONS:
Support of US Army, Europe and Seventh Army.



1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Barton Barracks Ansbach, Germany			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  22396A	6.CATEGORY CODE  721	7.PROJECT NUMBER  47307	8.PROJECT COST (\$000) Auth                      21,000 Approp                    3,150		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					18,298
Barracks Renovation		m2 (SF)	14,233 ( 153,202)	1,213	(17,261)
Asbestos Removal		LS	--	--	(205)
IDS Installation		LS	--	--	(26)
Building Information Systems		LS	--	--	(806)
<u>SUPPORTING FACILITIES</u>					641
Electric Service		LS	--	--	(107)
Water, Sewer, Gas		LS	--	--	(93)
Paving, Walks, Curbs & Gutters		LS	--	--	(139)
Site Imp( 238) Demo( )		LS	--	--	(238)
Information Systems		LS	--	--	(1)
Antiterrorism Force Protection		LS	--	--	(63)
ESTIMATED CONTRACT COST					18,939
CONTINGENCY PERCENT (5.00%)					947
SUBTOTAL					19,886
SUPV, INSP & OVERHEAD (6.50%)					1,293
TOTAL REQUEST					21,179
TOTAL REQUEST (ROUNDED)					21,000
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Modernize existing barracks building to meet Army one-plus-one standard-design. Barracks includes living/sleeping rooms, walk-in closets, semi-private bath, storage, laundry, mud room, day room and arms room. Install an intrusion detection system (IDS). Supporting facilities include utilities; electric service; security lighting; fire protection and alarm systems; paving, walks, curbs and gutters; parking; storm drainage; sewer systems; information systems; and site improvements. Heating will be provided by privately owned district heat distribution system. Anti-terrorism/force protection measures include site screening (barricades, landscaping) and exterior security lighting.					
11. REQ:                      978 PN    ADQT:                      532 PN    SUBSTD:                      446 PN					
PROJECT: Modernize barracks building to meet current Army standard design. (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 provides improved living conditions, increased security;					

1.COMONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Barton Barracks, Ansbach, Germany		
4.PROJECT TITLE  Whole Barracks Complex Renewal		5.PROJECT NUMBER  47307
<p><u>REQUIREMENT:</u>    (CONTINUED)</p> <p>and individual privacy for soldiers. Intended utilization is 164 personnel. Maximum utilization is 210 enlisted personnel.</p> <p><u>CURRENT SITUATION:</u>    Soldiers are living in inadequate World War II-era barracks that do not provide minimum net square footage required by current Army standards. Barracks have gang latrines, deteriorating heating and electrical service systems, inadequate lighting and undersized sewage drains that continue to emit noxious odors. The barracks lack adequate security for soldiers personal and military issue items and provide little privacy since administrative work areas are co-located within the building.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, single soldiers will continue to live in barracks which lack authorized living space, properly functioning heating and utilities systems, safety and security components; and other features that provide privacy for soldiers in accordance with current Army standards. Current conditions create a negative impact on soldiers morale and undermine efforts to retain quality soldiers in the Army.</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. The project is located on an installation that will be retained for use by the US Army after any currently planned troop reductions and is required for the foreseeable future. A parametric cost estimate based upon project engineering was used to develop this budget estimate. During the past two years, approximately \$2.6 million was spent on real property maintenance on unaccompanied enlisted personnel housing at Katterbaach. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 236 personnel at this installation. This project is not eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
<p>A.    Estimated Design Data:</p> <p>(1)    Status:</p> <p>      (a)    Date Design Started.....    <u>MAR 1998</u></p> <p>      (b)    Percent Complete As Of January 1999.....    <u>35.00</u></p> <p>      (c)    Date 35% Designed.....    <u>DEC 1998</u></p> <p>      (d)    Date Design Complete.....    <u>SEP 1999</u></p> <p>      (e)    Parametric Cost Estimating Used to Develop Costs    <u>YES</u></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>700</u></p>		





1.COMPONENT		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE	
ARMY				08 FEB 1999	
3.INSTALLATION AND LOCATION			4.PROJECT TITLE		
Warner Barracks Bamberg, Germany			Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST (\$000)		
22496A	721	49359	Auth                      5,700 Approp                    860		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Barracks Renovation	m2 (SF)	4,267 ( 45,925)	1,115	4,967 (4,758)	
Asbestos Removal	LS	--	--	(58)	
IDS Installation	LS	--	--	(23)	
Building Information Systems	LS	--	--	(128)	
<u>SUPPORTING FACILITIES</u>					
Paving, Walks, Curbs & Gutters	LS	--	--	169 (90)	
Site Imp( 18) Demo( )	LS	--	--	(18)	
Information Systems	LS	--	--	(1)	
Antiterrorism Force Protection	LS	--	--	(60)	
ESTIMATED CONTRACT COST				5,136	
CONTINGENCY PERCENT (5.00%)				257	
SUBTOTAL				5,393	
SUPV, INSP & OVERHEAD (6.50%)				351	
TOTAL REQUEST				5,744	
TOTAL REQUEST (ROUNDED)				5,700	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Modernize barracks building to meet current Army standard. Barracks include individual living/sleeping rooms with a semi-private bathroom, walk-in closets and a shared service area. Project also includes dayroom, laundry room, company operations and supply, personal storage areas, common kitchenettes, mud room, arms room, storage rooms and conversion of administrative areas. Install an intrusion detection system (IDS). Modernization addresses the major repair of structural and architectural components such as roofing and drainage, building shell, weather protection and insulation, fenestration, exterior and interior egress/ingress, ceiling walls and floors and stairways. Supporting facilities include paving, walks, curbs and gutters; parking; television cabling (internal to building), information systems, and site improvements. Anti-terrorism/force protection measures include site screening (barricades, landscaping) and exterior security lighting.					
11. REQ:                      1,431 PN    ADQT:                      76 PN    SUBSTD:                      1,355 PN					
PROJECT: Modernize a barracks building to meet current Army standard.					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Warner Barracks, Bamberg, Germany		
4.PROJECT TITLE  Whole Barracks Complex Renewal		5.PROJECT NUMBER  49359
<p><u>PROJECT:</u>    (CONTINUED)</p> <p>(Current Mission)</p> <p><u>REQUIREMENT:</u>    This project will provide for the modernization of a pre-World War II (WWII) barracks building to meet current standards of accommodation. This project will provide rooms for a maximum of 78 personnel with intended utilization of 62 E1-E4 and 8 E5-E6 personnel.</p> <p><u>CURRENT SITUATION:</u>    Modernization is urgently required to correct deteriorated physical conditions. The last major repairs done on this building were in 1974. The utility and service systems are substandard, undersized, and are difficult to maintain. The utilities cannot handle the loads imposed on them by modern usage. The interior components of the building are in poor physical condition due to age and heavy usage. Building components have exceeded their useful life or do not meet current standards. Friable asbestos may be encountered on heating lines. Superstructures are becoming separated from the base.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, soldiers will continue to reside in substandard facilities that do not meet the minimum Army standards for privacy and quality of life. The current living conditions will continue to negatively impact morale and unit 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. 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 the budget estimate. During the past two years, approximately \$322.5 thousand has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Bamberg. Upon completion of the three projects included in this FY 2000 request, the remaining unaccompanied enlisted permanent party deficit is 991 personnel at this installation. This project is not eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
<p>A.    Estimated Design Data:</p> <p>      (1)    Status:</p> <p>          (a)    Date Design Started.....    <u>FEB 1999</u></p> <p>          (b)    Percent Complete As Of January 1999.....    <u>.00</u></p> <p>          (c)    Date 35% Designed.....    <u>JUN 1999</u></p> <p>          (d)    Date Design Complete.....    <u>MAR 2000</u></p> <p>          (e)    Parametric Cost Estimating Used to Develop Costs    <u>YES</u></p> <p>      (2)    Basis:</p> <p>          (a)    Standard or Definitive Design:    NO</p>		



1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Bamberg Airfield Bamberg, Germany			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  22696A	6.CATEGORY CODE  721	7.PROJECT NUMBER  51007	8.PROJECT COST (\$000) Auth                      9,300 Approp                    1,400		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					8,073
Barracks Renovation		m2 (SF)	7,023 ( 75,595)	1,118	(7,853)
Asbestos Removal		LS	--	--	(71)
IDS Installation		LS	--	--	(6)
Building Information Systems		LS	--	--	(143)
<u>SUPPORTING FACILITIES</u>					231
Paving, Walks, Curbs & Gutters		LS	--	--	(142)
Site Imp( 25) Demo( )		LS	--	--	(25)
Information Systems		LS	--	--	(1)
Antiterrorism Force Protection		LS	--	--	(63)
ESTIMATED CONTRACT COST					8,304
CONTINGENCY PERCENT (5.00%)					<u>415</u>
SUBTOTAL					8,719
SUPV, INSP & OVERHEAD (6.50%)					<u>567</u>
TOTAL REQUEST					9,286
TOTAL REQUEST (ROUNDED)					9,300
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Modernize barracks building to meet current Army one-plus-one standard design. Barracks include living/sleeping rooms with a semi-private bathroom, walk-in closets and a shared service area. Project also includes dayroom, laundry room, company operations and supply, personal storage areas, common kitchenettes, mud room, arms room, storage rooms and conversion of administrative areas. Install an intrusion detection system (IDS). Modernization addresses the major repair of structural and architectural components such as roofing and drainage, building shell weather protection and insulation, fenestration, asbestos removal, exterior and interior egress/ingress, ceiling walls and floors and stairways. Supporting facilities include paving, walks, curbs and gutters; parking; television cabling (internal to building), information systems; and site improvements. Anti-terrorism/force protection measures include site screening (barricades, landscaping) and exterior security lighting.					
11. REQ:                      1,431 PN    ADQT:                      76 PN    SUBSTD:                      1,355 PN					
<u>PROJECT:</u> Modernize barracks building to meet the current Army standard.					

1. COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  08 FEB 1999
3. INSTALLATION AND LOCATION  Bamberg Airfield, Bamberg, Germany		
4. PROJECT TITLE  Whole Barracks Complex Renewal		5. PROJECT NUMBER  51007
<p><u>PROJECT: (CONTINUED)</u> (Current Mission)</p> <p><u>REQUIREMENT:</u> This project is required to provide a barracks that complies with current Army standards for quality of life in unaccompanied personnel housing. The project provides improved living conditions, increased security; and individual privacy for soldiers. Intended utilization 93 E1-E4 and 30 E5-E6. Maximum utilization 153 personnel.</p> <p><u>CURRENT SITUATION:</u> The existing barracks buildings were constructed for the German Army in 1935. Modernization is urgently required to correct deteriorated physical conditions. The last major repairs done on this building were in 1974. The utility and service systems are substandard, undersized and are difficult to maintain. The utilities cannot handle the loads imposed on them by modern usage. The interior components of the building are in a poor physical condition due to age and heavy usage. Building components have exceeded their useful life or do not meet current living standards. Friable asbestos may be encountered on heating lines.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, soldiers will continue to reside in substandard facilities that do not meet the minimum Department of Defense (DOD) standards for privacy and quality-of-life. The substandard living conditions will continue to negatively impact morale and unit 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. This project is located on an installation that will be retained by the US Army for the foreseeable future. An economic analysis has been prepared and renovation of the existing facility is the most feasible alternative. A parametric cost estimate based upon project engineering was used to develop this budget estimate. During the past two years, approximately \$322.5 thousand has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Bamberg. Upon completion of the three projects included in this FY 2000 request, the remaining unaccompanied enlisted permanent party deficit is 991 personnel at this installation. This project is not eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a)	Date Design Started.....	<u>OCT 1998</u>
(b)	Percent Complete As Of January 1999.....	<u>35.00</u>
(c)	Date 35% Designed.....	<u>JAN 1999</u>
(d)	Date Design Complete.....	<u>SEP 1999</u>
(e)	Parametric Cost Estimating Used to Develop Costs	<u>YES</u>



1.COMPONENT		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE	
ARMY				08 FEB 1999	
3.INSTALLATION AND LOCATION			4.PROJECT TITLE		
Bamberg Airfield Bamberg, Germany			Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST (\$000)		
22696A	721	51009	Auth                      8,200 Approp                    1,230		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Barracks Renovation	m2 (SF)	5,968 ( 64,235)	1,159	7,132 (6,916)	
Asbestos Removal	LS	--	--	(79)	
IDS Installation	LS	--	--	(6)	
Building Information Systems	LS	--	--	(131)	
<u>SUPPORTING FACILITIES</u>					
Paving, Walks, Curbs & Gutters	LS	--	--	238 (148)	
Site Imp( 26) Demo( )	LS	--	--	(26)	
Information Systems	LS	--	--	(1)	
Antiterrorism Force Protection	LS	--	--	(63)	
ESTIMATED CONTRACT COST				7,370	
CONTINGENCY PERCENT (5.00%)				369	
SUBTOTAL				7,739	
SUPV, INSP & OVERHEAD (6.50%)				503	
TOTAL REQUEST				8,242	
TOTAL REQUEST (ROUNDED)				8,200	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Modernize barracks building to meet current Army standard. Barracks include living/sleeping rooms with a semi-private bath, walk-in closets and a shared service area. Project also includes dayroom, laundry room, company operations and supply, personal storage areas, common kitchenettes, mud room, arms room, storage rooms and conversion of administrative areas. Install an intrusion detection system (IDS). Modernization addresses the major repair of structural and architectural components such as roofing and drainage, building shell weather protection and insulation, fenestration, asbestos removal, exterior and interior egress/ingress, ceiling walls and floors and stairways. Supporting facilities include paving, walks, curbs and gutters; parking; television cabling; information systems; and site improvements. Anti-terrorism/force protection measures include site screening (barricades, landscaping) and exterior security lighting.					
11. REQ:                      1,431 PN    ADQT:                      76 PN    SUBSTD:                      1,355 PN					
PROJECT: Modernize an existing barracks to meet current Army standard.					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Bamberg Airfield, Bamberg, Germany		
4.PROJECT TITLE  Whole Barracks Complex Renewal		5.PROJECT NUMBER  51009
<p><u>PROJECT:</u>    (CONTINUED)</p> <p>(Current Mission)</p> <p><u>REQUIREMENT:</u>    This project will is required to provide a barracks which complies with current standards for quality of life. The project provides improved living conditions, increased security, and individual privacy for soldiers. Intended utilization is 107 E1-E4 and 13 E5-E6. Maximum utilization 133 personnel.</p> <p><u>CURRENT SITUATION:</u>    The existing barracks buildings were constructed for the German Army in 1935. Modernization is urgently required to correct deteriorating physical conditions. The last major repairs done to this building were in 1974. The utility and service systems are substandard, undersized and are difficult to maintain. The utilities cannot handle the loads imposed on them by modern usage. The interior components of the building are in a poor physical condition due to age and heavy usage. Building components have exceeded their useful life or do not meet current living standards. Friable asbestos may be encountered on heating lines.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, soldiers will continue to reside in substandard facilities that do not meet the current 1+1 standards for privacy and quality-of-life. The substandard living conditions will continue to negatively impact morale, soldier retention rates and overall unit 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. This project is located on an installation that will be retained by the Army for the foreseeable future. An economic analysis has been prepared and renovation of the existing facility is the most feasible alternative. A parametric cost estimate based upon project engineering was used to develop this budget estimate. During the past two years, approximately \$322.5 thousand has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Bamberg. Upon completion of the three projects included in this FY 2000 requests, the remaining unaccompanied enlisted permanent party deficit is 991 personnel at this installation. This project is not eligible for NATO infrastructure support 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>OCT 1998</u></p> <p>                  (b)    Percent Complete As Of January 1999.....    <u>35.00</u></p> <p>                  (c)    Date 35% Designed.....    <u>JAN 1999</u></p> <p>                  (d)    Date Design Complete.....    <u>OCT 1999</u></p> <p>                  (e)    Parametric Cost Estimating Used to Develop Costs    <u>YES</u></p>		





1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Coleman Barracks Mannheim, Germany			4.PROJECT TITLE Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT  22496A	6.CATEGORY CODE  721	7.PROJECT NUMBER  50992	8.PROJECT COST (\$000) Auth                      4,500 Approp                    675		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,899
Barracks Renovation		m2 (SF)	3,392 ( 36,516)	1,080	(3,663)
Asbestos Removal		LS	--	--	(45)
IDS Installation		LS	--	--	(23)
Building Information Systems		LS	--	--	(168)
<u>SUPPORTING FACILITIES</u>					146
Paving, Walks, Curbs & Gutters		LS	--	--	(52)
Site Imp( 15) Demo( )		LS	--	--	(15)
Information Systems		LS	--	--	(19)
Antiterrorism Force Protection		LS	--	--	(60)
ESTIMATED CONTRACT COST					4,045
CONTINGENCY PERCENT (5.00%)					202
SUBTOTAL					4,247
SUPV, INSP & OVERHEAD (6.50%)					276
TOTAL REQUEST					4,523
TOTAL REQUEST (ROUNDED)					4,500
INSTALLED EQT-OTHER APPROP					( )
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Modernize barracks building to meet current Army's standard. Work includes modules consisting of two individual living/sleeping rooms with semi-private baths, walk-in closets and a shared service area. Project also includes dayroom, laundry room, company operations and supply, personal storage areas, common kitchenettes, mud room, arms room, storage rooms and conversion of administrative areas. Install an intrusion detection system (IDS). Modernization addresses the major repair of structural and architectural components such as roofing and drainage, building shell, weather protection and insulation, fenestration, exterior and interior egress/ingress, ceiling walls and floors and stairways. Supporting facilities include paving, walks, curbs and gutters; parking; television cabling; information systems; and site improvements. Anti-terrorism/force protection measures include site screening (barricades and landscaping) and exterior security lighting.					
11. REQ:                      1,663 PN    ADQT:                      621 PN    SUBSTD:                      1,042 PN					
<u>PROJECT:</u> Modernize an existing troop barracks to meet current standards.					

1.COMPONENT	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Coleman Barracks, Mannheim, Germany		
4.PROJECT TITLE	5.PROJECT NUMBER	
Whole Barracks Complex Renewal	50992	
<p>PROJECT: (CONTINUED)</p> <p>(Current Mission)</p> <p>REQUIREMENT: This project is urgently required to modernize a barracks building in substandard condition to provide unaccompanied personnel housing which meets current standards. The existing facility must be modernized to provide acceptable quality of life standards for soldiers. Intended utilization is 50 E1-E4 and 6 E5-E6. Maximum utilization is 62 personnel.</p> <p>CURRENT SITUATION: The existing building was built for the German Army. Construction consists of a basement, three floors and an attic supported by a robust masonry shell and covered tiled roof truss system. The building functions as a barracks, but contains utility and service systems which are substandard and undersized. The utilities cannot handle the loads imposed on them by modern usage. The interior components of the building are in a poor physical condition due to age and heavy usage. Building components do not meet current standards. Friable asbestos may be encountered on heating lines.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, soldiers will continue to live in substandard facilities that contain unpleasant living conditions and do not meet the minimum standards for privacy and quality of life. This project is urgently required to correct a defective real property condition. The existing condition of the building will continue to worsen, requiring ever-increased spending on minor maintenance and repair.</p> <p>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 were explored during project development. This project is the only feasible option. A parametric cost estimate was used to develop this budget estimate. During the past two years, approximately \$438 thousand has been spent on Real Property Maintenance for unaccompanied enlisted personnel housing at Coleman Barracks. Upon completion of this project, the remaining unaccompanied enlisted permanent party deficit is 980 personnel at this installation. This project is not eligible for NATO infrastructure support nor is it expected to become eligible in the foreseeable future.</p>		
12. SUPPLEMENTAL DATA:		
A. Estimated Design Data:		
(1) Status:		
(a)	Date Design Started.....	FEB 1999
(b)	Percent Complete As Of January 1999.....	.00
(c)	Date 35% Designed.....	JUN 1999
(d)	Date Design Complete.....	MAR 2000
(e)	Parametric Cost Estimating Used to Develop Costs	YES
(2) Basis:		
(a)	Standard or Definitive Design:	NO



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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
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)			355
		Western Corridor			
		Combined Field Army			
	49532	Electrical System Upgrade	3,650	1,100	C 357
		Eastern Corridor			
	49341	Whole Barracks Complex Renewal	31,000	4,650	C 360
		Western Corridor			
	51245	Water System Upgrade	3,050	920	C 363
			-----	-----	
		Subtotal Korea Various PART I	\$ 37,700	6,670	
		* TOTAL MCA FOR Korea	\$ 37,700	6,670	

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
3. INSTALLATION AND LOCATION  Korea Various Korea	4. COMMAND  Eighth United States Army	5. AREA CONSTRUCTION COST INDEX  1.04

6. PERSONNEL STRENGTH:	PERMANENT	STUDENTS	SUPPORTED	
	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	OFFICER ENLIST CIVIL	TOTAL
A. AS OF 30 SEP 1998	3521 23753 10295	0 85 0	802 6599 11096	56,151
B. END FY 2005	3750 24463 10097	0 72 0	801 6587 11061	56,831

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	0 ha (0 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	0
C. AUTHORIZATION NOT YET IN INVENTORY.....	245,151
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	37,700
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	35,300
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	533,793
H. GRAND TOTAL.....	814,344

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY	PROJECT	PROJECT TITLE	COST (\$000)	DESIGN STATUS	
	CODE NUMBER			START	COMPLETE
	721 49341	Whole Barracks Complex Renewal	31,000	03/1998	07/1999
	842 49532	Electrical System Upgrade	3,650	10/1998	09/1999
	842 51245	Water System Upgrade	3,050	10/1998	09/1999
TOTAL			37,700		

9. FUTURE PROJECTS:		
CATEGORY	PROJECT TITLE	COST (\$000)
	CODE	
A. REQUESTED IN THE FY 2001 PROGRAM:		
	721	Whole Barracks Complex Renewal 20,900
	721	Whole Barracks Complex Renewal 14,400
TOTAL		35,300
B. PLANNED NEXT FOUR PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<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. 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.</p>



1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999								
INSTALLATION AND LOCATION: Korea Various Korea										
10. MISSION OR MAJOR FUNCTIONS: (...CONTINUED) Provides support to other commands, agencies, services, nonassigned US Army forces and ROK armed forces as directed by higher authority.										
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 estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$1,074,515,000, based on the Installation Status Report information on conditions as of October 1998.										

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Camp Stanley Combined Field Army, Korea			4.PROJECT TITLE Electrical System Upgrade		
5.PROGRAM ELEMENT  22496A	6.CATEGORY CODE  842	7.PROJECT NUMBER  49532	8.PROJECT COST (\$000) Auth                      3,650 Approp                    1,100		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				3,282	
Primary Service	LS	--	--	(316)	
Primary Distribution	LS	--	--	(1,455)	
Secondary Distribution	LS	--	--	(1,365)	
Ship & Test	LS	--	--	(146)	
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					
CONTINGENCY PERCENT (5.00%)					
SUBTOTAL					
SUPV, INSP & OVERHEAD (6.50%)					
TOTAL REQUEST					
TOTAL REQUEST (ROUNDED)					
INSTALLED EQT-OTHER APPROP					
<div> <div>3,282</div> <div>164</div> <div>3,446</div> <div>224</div> <div>3,670</div> <div>3,650</div> <div>(0)</div> </div>					
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. This project will provide for the installation of new switch gear and the upgrade of feeders of an existing antiquated electrical distribution at Camp Stanley by replacing/installing an automatic load transfer switch, a vacuum circuit breaker, various sizes of overhead distribution transformers, various sizes of pad mounted transformers, poles, underground feeder cables, accessories, interrupter switches, substation cubicle switch gears, a spare cubicle with complete assembly including switch gear, fused cutout switch, and various sizes of primary and secondary distribution electrical wires. Total replacement of the system components and reconfiguration of the existing system are required for conversion to a 22.9KV primary distribution system at Camp Stanley. A Supervisory Control and Data Acquisition (SCADA) system will be provided/installed.					
11. REQ:                      82,000 m      ADQT:                      NONE                      SUBSTD:                      82,000 m PROJECT: Upgrade the existing electrical distribution system by converting the system to a 22.9KV primary distribution system at Camp Stanley. (Current					

1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Camp Stanley, Combined Field Army, Korea		
4.PROJECT TITLE	5.PROJECT NUMBER	
Electrical System Upgrade	49532	
<p><u>PROJECT:</u>    (CONTINUED)</p> <p>Mission)</p> <p><u>REQUIREMENT:</u>    This project is required to provide an upgraded, standard electrical distribution system by replacing/installing deteriorated/antiquated substandard electrical components to comply with the current various, American National Standards Institute (ANSI), ANSI C2, National Fire Protection Agency (NFPA) 70 (National Electrical Code (NEC), National Electrical Manufacturers Association (NEMA) regulations/specifications. This project calls for the total replacement of the existing system components and reconfiguration of the system to convert Camp Stanley to 22.9 KV primary distribution system. The new system will enhance privatization of the electrical system by Korean Electrical Power Cooperation (KEPCO) at a later date.</p> <p><u>CURRENT SITUATION:</u>    The existing 5.7 KV US Army electrical distribution system in Camp Stanley, consisting of 1983 vintage transformers and switch gear, is marginally capable of accommodating present requirements. The existing 5,000 KVA substation transformer in Camp Stanley 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 KV oil circuit breaker at the Camp Stanley substation has reached its expected life and needs to be replaced with a new upgraded vacuum circuit breaker. Replacement in kind is not feasible as oil type circuit breakers are no longer manufactured. The current electrical distribution system has about 70 polychlorinated biphenyl (PCB) contaminated pole-mounted transformers with no automatic load transfer switches. These items will provide alternate power source in case of power failure. The existing manual type 15 KV interrupter switches need to be replaced with new automatic, electric type 25 KV interrupter switches. The new SCADA system will continuously provide information on the system status for the system controller to control the system as required.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, electric power supply to Camp Stanley will continue to suffer frequent power outages due to its deteriorated condition. The antiquated electrical power distribution system has constant potential risk of a catastrophic major black-out.</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. Alternative methods of meeting this requirement have been explored during project development. This project 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 (EUSA) for the foreseeable future. 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. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Camp Stanley, Combined Field Army, Korea		
4.PROJECT TITLE  Electrical System Upgrade	5.PROJECT NUMBER  49532	

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	OCT 1998
(b) Percent Complete As Of January 1999.....	15.00
(c) Date 35% Designed.....	MAR 1999
(d) Date Design Complete.....	SEP 1999
(e) Parametric Cost Estimating Used to Develop Costs	YES

(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.....	210
(b) All Other Design Costs.....	105
(c) Total Design Cost.....	315
(d) Contract.....	245
(e) In-house.....	70

(4) Construction Start..... DEC 1999

(5) Construction Completion..... JUN 2001

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

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

Installation Engineer: Mr. Robert Song

Phone Number: DSN (315) 732-6225

1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE	
ARMY				08 FEB 1999	
3.INSTALLATION AND LOCATION			4.PROJECT TITLE		
Camp Casey Eastern Corridor, Korea			Whole Barracks Complex Renewal		
5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST (\$000)		
22496A	721	49341	Auth                      31,000 Approp                    4,650		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				22,782	
Barracks	m2 (SF)	8,180 ( 88,049)	1,463	(11,964)	
Company Operations Facilities	m2 (SF)	3,070 ( 33,045)	1,152	(3,535)	
Unaccompanied Officers Quarters	m2 (SF)	3,579 ( 38,524)	1,491	(5,338)	
Special Foundations	m (LF)	6,020 ( 19,751)	98.01	(590)	
IDS Installation	LS	--	--	(47)	
Building Information Systems	LS	--	--	(1,308)	
<u>SUPPORTING FACILITIES</u>				4,612	
Electric Service	LS	--	--	(273)	
Water, Sewer, Gas	LS	--	--	(438)	
Paving, Walks, Curbs & Gutters	LS	--	--	(293)	
Storm Drainage	LS	--	--	(291)	
Site Imp( 1,925) Demo( 963)	LS	--	--	(2,888)	
Information Systems	LS	--	--	(172)	
Fuel Oil Tanks	LS	--	--	(257)	
ESTIMATED CONTRACT COST				27,394	
CONTINGENCY PERCENT (5.00%)				1,370	
SUBTOTAL				28,764	
SUPV, INSP & OVERHEAD (6.50%)				1,870	
TOTAL REQUEST				30,634	
TOTAL REQUEST (ROUNDED)				31,000	
INSTALLED EQT-OTHER APPROP				( )	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct a whole barracks renewal complex. Project includes living/sleeping rooms with closets and semi-private baths, storage, laundry, mud room, dayroom, sprinkler system, and special pile foundation; operations and supply buildings to accommodate four medium companies; and one unaccompanied officer housing building. Install four intrusion detection systems (IDS). Supporting facilities include underground utilities; electric service; fire protection and alarm systems; paving, walks, curbs and gutters; parking; bike racks; trash enclosures; storm drainage; fuel oil storage tanks; information systems; and site improvements. Heating will be provided by oil-fired units and air conditioning (280 tons) by self-contained units. Demolish 25 buildings (4,139 SM) with asbestos removal within the footprint. Provide comprehensive building and furnishings related interior design services.					
11. REQ:                      7,337 PN    ADQT:                      4,240 PN    SUBSTD:                      3,097 PN PROJECT: Construct a barracks and company operations complex and unaccompanied personnel housing to meet the Whole Barracks Renewal Program.					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Camp Casey, Eastern Corridor, Korea		
4.PROJECT TITLE  Whole Barracks Complex Renewal		5.PROJECT NUMBER  49341
<p><u>PROJECT:</u>    (CONTINUED)</p> <p>(Current Mission)</p> <p><u>REQUIREMENT:</u>    This project is required to provide barracks which comply with current Army standards for quality of life. The project provides improved living conditions and increases security and individual privacy. This project is required to provide adequate barracks, unaccompanied officer housing, and company operations facilities. Intended utilization is 302 enlisted personnel. Maximum utilization for the barracks is 400 personnel.</p> <p><u>CURRENT SITUATION:</u>    Many soldiers have to be housed in overcrowded and substandard quonset and H-relocatable barracks that do not provide the minimum net square footage required by 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. They cannot be renovated to current standards. The 2d Infantry Division soldiers are not authorized to live off-post due to mission requirements and must be housed on-post. In addition, adequate quarters are not available off-post. Funding for unaccompanied officer housing has been minimal compared to the recent investment in barracks, and the average condition of the officer housing is significantly worse than barracks. Replacement officer housing is also needed to be able to demolish older, single story, substandard housing and redevelop the limited real estate on the installation. These substandard conditions have a significant negative impact on the health, morale and mission readiness of the soldiers and units they serve.</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 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.</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. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. During the past two years, \$5.4 million has been spent on real property maintenance for unaccompanied enlisted personnel housing at Camp Casey. Upon completion of this project, the remaining permanent party requirement is 2,697 personnel at this installation. This project is located on an installation which will be retained by United States Forces Korea (USFK) and Eighth United States Army (EUSA) for the foreseeable future. The possibility of Host Nation funding for this project has been addressed, but sufficient funds from the Host Nation</p>		

1.COMPONENT		2.DATE	
ARMY		08 FEB 1999	
3.INSTALLATION AND LOCATION			
Camp Casey, Eastern Corridor, Korea			
4.PROJECT TITLE		5.PROJECT NUMBER	
Whole Barracks Complex Renewal		49341	
ADDITIONAL: (CONTINUED) programs are not available to support this requirement. A parametric cost estimate based on project engineering was used to develop this budget estimate.			
12. SUPPLEMENTAL DATA:			
A. Estimated Design Data:			
(1) Status:			
(a)	Date Design Started.....	MAR 1998	
(b)	Percent Complete As Of January 1999.....	40.00	
(c)	Date 35% Designed.....	DEC 1998	
(d)	Date Design Complete.....	JUL 1999	
(e)	Parametric Cost Estimating Used to Develop Costs	YES	
(2) Basis:			
(a)	Standard or Definitive Design:	YES	
(b)	Where Most Recently Used:	Camp Casey	
(3)	Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)	
(a)	Production of Plans and Specifications.....	1,200	
(b)	All Other Design Costs.....	600	
(c)	Total Design Cost.....	1,800	
(d)	Contract.....	1,600	
(e)	In-house.....	200	
(4)	Construction Start.....	JAN 2000	
(5)	Construction Completion.....	DEC 2001	
B. Equipment associated with this project which will be provided from other appropriations:			
Equipment	Procuring	Fiscal Year	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>
NA			
Installation Engineer: LTC Gary Pesano Phone Number: DSN (315)730-3659			

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Camp Howze Western Corridor, Korea			4.PROJECT TITLE Water System Upgrade		
5.PROGRAM ELEMENT  22496A	6.CATEGORY CODE  842	7.PROJECT NUMBER  51245	8.PROJECT COST (\$000) Auth                      3,050 Approp                    920		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				2,651	
Upgrade Water Treatment	LS	--	--	(1,185)	
Water Storage	LS	--	--	(861)	
Water Distribution	LS	--	--	(605)	
<u>SUPPORTING FACILITIES</u>				65	
Electric Service	LS	--	--	(10)	
Paving, Walks, Curbs & Gutters	LS	--	--	(33)	
Storm Drainage	LS	--	--	(6)	
Site Imp(      14) Demo(      )	LS	--	--	(14)	
Fuel Tanks for Generators	LS	--	--	(2)	
ESTIMATED CONTRACT COST				2,716	
CONTINGENCY PERCENT (5.00%)				136	
SUBTOTAL				2,852	
SUPV, INSP & OVERHEAD (6.50%)				185	
TOTAL REQUEST				3,037	
TOTAL REQUEST (ROUNDED)				3,050	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriation for the remaining amount. Construct upgrade to water system. Project includes new wells, new and additional treatment, pumps, water storage, new distribution lines, pressure reducing valves, backup power generation, special pile foundation, and automated monitoring and control system. Supporting facilities include electric service, paving, restoration of pavement and grounds, storm drainage, fuel oil storage tanks, and site improvements.					
11. REQ:                      1 EA    ADQT:                      NONE                      SUBSTD:                      1 EA					
<u>PROJECT:</u> Construct an upgrade to water system. (Current Mission)					
<u>REQUIREMENT:</u> This project is required to provide adequate quantity of water source, treatment, storage, and distribution that complies with current drinking water standards.					
<u>CURRENT SITUATION:</u> Water quality at the sources is decreasing and showing increasing levels of contaminants. Production rates of wells are decreasing. Water pressure does not meet the minimum requirement for fire protection and domestic use. The water treatment, storage, and distribution have deteriorated					



1.COMONENT  ARMY	FY 2000    MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Camp Howze, Western Corridor, Korea		
4.PROJECT TITLE  Water System Upgrade		5.PROJECT NUMBER  51245
<p><u>CURRENT SITUATION:</u>    (CONTINUED)</p> <p>and do not meet current standards. These substandard conditions have a significant negative impact on the health, safety, morale and mission readiness of the soldiers and units they serve.</p> <p><u>IMPACT IF NOT PROVIDED:</u>    If this project is not provided, soldiers will not be provided water of adequate quality or quantity. Adequate water quantity and pressure will not be available for fire fighting requirements. These conditions will create a negative impact on soldiers morale and unit readiness, and undermine efforts to retain quality soldiers in the Army.</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. A parametric cost estimate based on project engineering was used to develop this budget estimate. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. This project is located on an installation which will be retained by the United States Forces Korea (USFK) and Eighth United States Army (EUSA) for the foreseeable future. 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>		
12. <u>SUPPLEMENTAL DATA:</u>		
A.    Estimated Design Data:		
(1)    Status:		
(a)	Date Design Started.....	<u>OCT 1998</u>
(b)	Percent Complete As Of January 1999.....	<u>15.00</u>
(c)	Date 35% Designed.....	<u>MAR 1999</u>
(d)	Date Design Complete.....	<u>SEP 1999</u>
(e)	Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(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>150</u>
(b)	All Other Design Costs.....	<u>45</u>
(c)	Total Design Cost.....	<u>195</u>
(d)	Contract.....	<u>150</u>
(e)	In-house.....	<u>45</u>
(4)	Construction Start.....	<u>DEC 1999</u>
(5)	Construction Completion.....	<u>JUN 2001</u>

1.COMPONENT	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2.DATE								
ARMY			08 FEB 1999								
3.INSTALLATION AND LOCATION											
Camp Howze, Western Corridor, Korea											
4.PROJECT TITLE		5.PROJECT NUMBER									
Water System Upgrade		51245									
<p>12. SUPPLEMENTAL DATA: (CONTINUED)</p> <p>B. Equipment associated with this project which will be provided from other appropriations:</p> <table> <thead> <tr> <th>Equipment <u>Nomenclature</u></th> <th>Procuring <u>Appropriation</u></th> <th>Fiscal Year Appropriated <u>Or Requested</u></th> <th>Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td colspan="4">NONE</td> </tr> </tbody> </table>				Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>	NONE			
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>								
NONE											
<p>Installation Engineer: Byron Nettrour</p> <p>Phone Number: DSN 734-2352</p>											

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
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 (USASMDC)			369
		Kwajalein Atoll			
	50790	Power Plant Ph II - Roi Namur Island	0	35,400	C 371
		Subtotal Kwajalein Atoll PART I	\$ 0	35,400	
		* TOTAL MCA FOR Kwajalein	\$ 0	35,400	
** TOTAL OUTSIDE THE UNITED STATES FOR MCA			\$ 86,400	49,385	

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1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM				2. DATE 08 FEB 1999	
3. INSTALLATION AND LOCATION  Kwajalein Atoll Kwajalein		4. COMMAND  US Army Strategic Defense Command			5. AREA CONSTRUCTION COST INDEX  2.19	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	17	9	57	0	0	0	0	0	1644	1,727
B. END FY 2005	16	9	31	0	0	0	0	0	1598	1,654

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	1,444 ha (3,568 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	465,145
C. AUTHORIZATION NOT YET IN INVENTORY.....	103,204
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	35,400
E. AUTHORIZATION REQUESTED IN THE FY 2001 PROGRAM.....	23,300
F. PLANNED IN NEXT FOUR YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	166,726
H. GRAND TOTAL.....	771,075

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:				
CATEGORY	PROJECT		COST	DESIGN STATUS
CODE	NUMBER	PROJECT TITLE	(\$000)	START COMPLETE
811	50790	Power Plant Ph II - Roi Namur Island	35,400	03/1997 09/1998
TOTAL			35,400	

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. REQUESTED IN THE FY 2001 PROGRAM:		
724	Unaccompanied Personnel Housing Renovation	19,900
740	Child Development Center	3,400
TOTAL		23,300
B. PLANNED NEXT FOUR 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.

1. COMPONENT ARMY	FY 2000-2001 MILITARY CONSTRUCTION PROGRAM	2. DATE 08 FEB 1999
INSTALLATION AND LOCATION: Kwajalein Atoll Kwajalein		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		
		(\$000)
A. AIR POLLUTION		0
B. WATER POLLUTION		0
C. OCCUPATIONAL SAFETY AND HEALTH		0
REMARKS : The estimate cost to remedy the deficiencies in all existing permanent and semipermanent facilities at this installation is \$319,197,000, based on the Installation Status Report information on conditions as of October 1998.		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Kwajalein Atoll Kwajalein			4.PROJECT TITLE  Power Plant Ph II - Roi Namur Island		
5.PROGRAM ELEMENT  65301A	6.CATEGORY CODE  811	7.PROJECT NUMBER  50790	8.PROJECT COST (\$000) Auth Approp      35,400		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Power Plant Building	m2 (SF)	3,159 ( 34,000)	3,057	40,292 (9,657)	
Generators	kWe(KW)	13,500 ( 13,500)	2,262	(30,535)	
Archaeological Survey/Monitor	LS	--	--	(100)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	3,003 (415)	
Water, Sewer, Gas	LS	--	--	(944)	
Paving, Walks, Curbs & Gutters	LS	--	--	(197)	
Site Imp( 375) Demo( 1,072)	LS	--	--	(1,447)	
ESTIMATED CONTRACT COST				43,295	
CONTINGENCY PERCENT (5.00%)				2,165	
SUBTOTAL				45,460	
SUPV, INSP & OVERHEAD (6.50%)				2,955	
TOTAL REQUEST				48,415	
TOTAL REQUEST (ROUNDED)				48,000	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is Phase II of a two-phased project, to construct an electric power generating plant. The Army's plan is to construct both phases as a continuous project using a single construction contract. In FY 99 Congress authorized \$48.6 million and appropriated \$12.6 million for Phase I (Project Number 33149). This project is requesting the remaining amount of \$35.4 million. This project is to construct an electric power generating plant with diesel engine-generators, switchgear controls, monitoring equipment, traveling crane (20 tons), and fresh water cooling capabilities. Supporting facilities include utilities; electric service; paving, walks, curbs and gutters; fencing and gates; fire protection and alarm systems; water lines; pump house; sewage lift station; storm drainage; oil and water separator; information systems; and site improvements. Air conditioning (40 tons) will be provided for administrative areas, control room, switchgear, and electrical and mechanical support areas. Remove pavement (3,135 m2), sewer lines (76 meters), four fuel tanks and asbestos removal. Demolish six buildings (1,324 m2).					
11. REQ:      13,500 kVA ADQT:      NONE      SUBSTD:      13,500 kVA					
PROJECT: Construct an electrical power generating plant with nine 1.5 MW engine-generators. (Current Mission)					



1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Kwajalein Atoll, Kwajalein		
4.PROJECT TITLE  Power Plant Ph II - Roi Namur Island	5.PROJECT NUMBER  50790	
<p><u>REQUIREMENT:</u> This project is required to provide a reliable, precision electrical power source in support of the Kiernan Reentry Measurement Site (KREMS) radars. Precision power meeting exacting specifications as to steady state voltage and frequency, voltage and frequency transient, voltage and frequency recovery, and availability is critical to the operation of the KREMS radars and their support of theater and strategic offensive and defensive ballistic missile systems testing and conduct and support of space operations and experiments to include: Space Shuttle support, space surveillance operations, tracking of new foreign launches, and tracking of objects in deep space for the Army, Air Force, US Space Command, Ballistic Missile Defense Organization and the National Aeronautics and Space Administration. In addition to support of strategic offensive and national and theater defensive missile weapon systems testing (with some missions costing more than \$100 million), KREMS radars support space control and theater intelligence gathering missions. The KREMS radars provide acquisition of nearly 25 percent of all foreign launches and are essential in tracking launches from Russia, Kazakhstan, and the Peoples Republic of China, acquiring launches at least 45 minutes earlier than any other site. The KREMS is our most sophisticated and capable suite of radars tracking objects in geosynchronous orbit. Currently, 120 such objects (including Russian and Chinese military satellites) are tracked exclusively by KREMS. This project is required to provide the reliable precision power critical to the operation of KREMS and its support of missions vital to national security.</p> <p><u>CURRENT SITUATION:</u> The existing power plant, which is a single-point failure for Roi-Namur Island and the KREMS radars, is failing. The nine 1,500 kilowatt ALCO engine-generators (seven of which were installed in 1961 and two in 1967) are failing. The units were manufactured using an internal materials technology now considered outmoded. Due to excessive wear the units produce only 70 percent of their rated capacity and are no longer a reliable source of precision power for the one-of-a-kind, state-of-the-art KREMS radars. Despite an intensive overhaul program, units are failing at an increasing rate as deterioration exceeds possible corrective actions. As the inventory of replacement parts no longer manufactured is depleted, the effectiveness of the maintenance program will be degraded and the incidence of failure will accelerate. After years of exposure to the highly corrosive Kwajalein environment, the mechanical and electrical controls and switch gear are also severely deteriorated and degrade reliability. The power plant building is failing. Structural deficiencies exist with portions of the foundation and flooring having failed. The roof and walls are severely deteriorated and allow salt spray to enter the plant. Additionally, the panels are constructed of asbestos containing materials. The very congested conditions (the plant building has less than 40 percent of the square footage now considered adequate), hampers maintenance and repair and overhaul activities and is a safety hazard. Lastly, the second floor plant control room is not shielded against radio frequency emissions.</p>		

1.COMPONENT	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Kwajalein Atoll, Kwajalein		
4.PROJECT TITLE	5.PROJECT NUMBER	
Power Plant Ph II - Roi Namur Island	50790	
<p><u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the existing, severely deteriorated, failing power plant will continue to be the sole source of precision power for the KREMS radars. Operating costs, maintenance and repair and fuels, will increase while plant reliability will continue to decline as maintenance and repair efforts become less effective. The frequency of engine-generator failure will increase causing disruptions/cessation of missions vital to national security: testing of theater and strategic offensive and defensive ballistic missile weapon systems, space surveillance operations, and tracking of new foreign launches.</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. A parametric cost estimate based on project engineering was used to develop this budget estimate.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a)	Date Design Started.....	<u>MAR 1997</u>
(b)	Percent Complete As Of January 1999.....	<u>100.00</u>
(c)	Date 35% Designed.....	<u>DEC 1997</u>
(d)	Date Design Complete.....	<u>SEP 1998</u>
(e)	Parametric Cost Estimating Used to Develop Costs	<u>YES</u>
(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>1,800</u>
(b)	All Other Design Costs.....	<u>1,080</u>
(c)	Total Design Cost.....	<u>2,880</u>
(d)	Contract.....	<u>2,160</u>
(e)	In-house.....	<u>720</u>
(4)	Construction Start.....	<u>APR 1999</u>
(5)	Construction Completion.....	<u>JUL 2001</u>

1.COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999								
3.INSTALLATION AND LOCATION  Kwajalein Atoll, Kwajalein										
4.PROJECT TITLE  Power Plant Ph II - Roi Namur Island		5.PROJECT NUMBER  50790								
12. <u>SUPPLEMENTAL DATA:</u> (CONTINUED) B. Equipment associated with this project which will be provided from other appropriations: <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 colspan="4">NONE</td> </tr> </tbody> </table>			<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			
<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: Gene Dohrman Phone Number: DSN 254-3778										

DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
MILITARY CONSTRUCTION (PART I)  
(DOLLARS ARE IN THOUSANDS)

STATE -----	PROJECT NUMBER -----	INSTALLATION (COMMAND) ----- PROJECT TITLE -----	AUTHORIZATION REQUEST -----	APPROPRIATION REQUEST -----	NEW/ CURRENT MISSION -----	PAGE -----
Worldwide Various Worldwide Various Locations (WORLDWD)						
	52058	Classified Project	36,400	36,400		377
		Subtotal Worldwide Various Locations PART I	\$ 36,400	36,400		
		Minor Construction (MINEXG)				
	44144	Unspecified Minor Construction	9,500	9,500		379
		Subtotal Minor Construction PART I	\$ 9,500	9,500		
		Planning and Design (PLANDES)				
	44147	Host Nation Support	21,300	21,300		381
	44149	Planning and Design	60,705	60,705		383
		Subtotal Planning and Design PART I	\$ 82,005	82,005		
		* TOTAL MCA FOR Worldwide Various	\$ 127,905	127,905		
		** TOTAL WORLDWIDE FOR MCA	\$ 127,905	127,905		
		MILITARY CONSTRUCTION (PART I) TOTAL	\$ 1,117,505	656,003		

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1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
3.INSTALLATION AND LOCATION Worldwide Various Locations Worldwide Various Locations, Worldwide Va			4.PROJECT TITLE Classified Project		
5.PROGRAM ELEMENT  92798A	6.CATEGORY CODE  141	7.PROJECT NUMBER  52058	8.PROJECT COST (\$000) Auth                      36,400 Approp                    36,400		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITY Classified Project		LS	--	--	36,400 (36,400)
SUPPORTING FACILITIES					
ESTIMATED CONTRACT COST					36,400
CONTINGENCY PERCENT (.00 %)					
SUBTOTAL					36,400
SUPV, INSP & OVERHEAD (.00 %)					
TOTAL REQUEST					36,400
TOTAL REQUEST (ROUNDED)					36,400
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 2000, Authorization/Appropriation Request.					
11. REQ:                      NONE      ADQT:                      NONE      SUBSTD:                      NONE					
PROJECT:    To be provided during Congressional review of MCA request. (Current Mission)					
REQUIREMENT:    To be provided during Congressional review of MCA request.					
CURRENT SITUATION:    To be provided during Congressional review of MCA request.					
IMPACT IF NOT PROVIDED:    To be provided during Congressional review of MCA request.					

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1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION Minor Construction Minor Construction, Worldwide Various		4.PROJECT TITLE Unspecified Minor Construction		
5.PROGRAM ELEMENT  91211A	6.CATEGORY CODE  BBB	7.PROJECT NUMBER  44144	8.PROJECT COST (\$000) Auth                      9,500 Approp                    9,500	
9.COST ESTIMATES				
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Minor Construction	LS	--	--	9,500 (9,500)
<u>SUPPORTING FACILITIES</u>				
ESTIMATED CONTRACT COST				9,500
CONTINGENCY PERCENT (.00 %)				-----
SUBTOTAL				9,500
SUPV, INSP & OVERHEAD (.00 %)				-----
TOTAL REQUEST				9,500
TOTAL REQUEST (ROUNDED)				9,500
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 PROJECT:   Minor military construction, worldwide. REQUIREMENT:   This project is needed 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. CURRENT SITUATION:   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. IMPACT IF NOT PROVIDED:   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.				



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1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
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  000	7.PROJECT NUMBER  44147	8.PROJECT COST (\$000) Auth                      21,300 Approp                    21,300		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					21,300
Host Nation Support		LS	--	--	(21,300)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					21,300
CONTINGENCY PERCENT (.00 %)					
SUBTOTAL					21,300
SUPV, INSP & OVERHEAD (.00 %)					
TOTAL REQUEST					21,300
TOTAL REQUEST (ROUNDED)					21,300
INSTALLED EQT-OTHER APPROP					(0)
10.Description of Proposed Construction      This item provides for criteria development, and design and construction surveillance 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					
<u>PROJECT:</u> Planning and design funds.					
<u>REQUIREMENT:</u> 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 construction placement. The three parts of the Host Nation Support effort are:					

1.COMPONENT	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		08 FEB 1999
3.INSTALLATION AND LOCATION		
Planning and Design, Worldwide Various		
4.PROJECT TITLE		5.PROJECT NUMBER
Host Nation Support		44147
<p>REQUIREMENT:      (CONTINUED)</p> <p>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 Surveillance - ensures conformance to design documents, reviews submittals, monitors construction phasing for users, and protects against latent deficiencies.</p>		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  08 FEB 1999	
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  000	7.PROJECT NUMBER  44149	8.PROJECT COST (\$000) Auth                      60,705 Approp                    60,705		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Planning and Design		LS	--	--	60,705 (60,705)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					60,705
CONTINGENCY PERCENT (.00 %)					
SUBTOTAL					60,705
SUPV, INSP & OVERHEAD (.00 %)					
TOTAL REQUEST					60,705
TOTAL REQUEST (ROUNDED)					60,705
INSTALLED EQT-OTHER APPROP					(0)
10.Description of Proposed Construction      This item provides for: pre-concept (parametric), concept, 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					
<u>PROJECT:</u> Planning and design funds.					
<u>REQUIREMENT:</u> This funding is 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 Engineers (USACE) 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 2000 program; for advancement to final design of projects in FY 2001 and for initiation of design of projects in FY 2002. The funds request for the annual planning and design requirement includes value					

1.COMPONENT  ARMY	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE  08 FEB 1999
3.INSTALLATION AND LOCATION  Planning and Design, Worldwide Various		
4.PROJECT TITLE  Planning and Design		5.PROJECT NUMBER  44149
<p>REQUIREMENT: (CONTINUED)</p> <p>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.</p>		

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
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ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
SUMMARY

(\$ in Thousands)

FY 2000 Budget Request	\$1,112,083
FY 1999 Appropriation	\$1,235,187

PURPOSE AND SCOPE

The Army Family Housing Program supports the operation, maintenance, leasing and construction of military family housing located worldwide. In addition, this budget supports the privatization of housing through the Residential Communities Initiative (RCI) at Forts Carson, Hood, Lewis and Stewart/Hunter and Meade (detailed summary next page).

PROGRAM SUMMARY

Authorization is requested for the performance of certain construction summarized hereafter, and the FY 2000 appropriation of \$1,112,083, and FY 2001 advance appropriation of \$43,991, to fund this construction and certain other functions already authorized by law.

A summary of the Fiscal Year 2000 funding program follows:

<b>CONSTRUCTION REQUEST</b>	<b>\$ 14,003</b>
New Construction	4,400
Financing Entry (SIOH)	-286
Post Acquisition Construction	5,303
Financing Entry (SIOH)	-345
Advance Planning & Design	4,300
SIOH	631
 <b>OPERATION AND MAINTENANCE REQUEST</b>	 <b>\$1,098,080</b>
Operation	185,620
Utilities	220,952
Maintenance of Real Property	469,211
Leasing - World-wide	222,294
Debt Reduction	0
Interest Payments	0
Mortgage Insurance Premiums	3
 <b>TOTAL FAMILY HOUSING APPROPRIATION REQUEST</b>	 <b>\$1,112,083</b>
 REIMBURSABLE PROGRAM	 \$ 19,000
 <b>TOTAL FAMILY HOUSING PROGRAM</b>	 <b>\$1,131,083</b>



ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
RESIDENTIAL COMMUNITIES INITIATIVE (RCI) SUMMARY

PURPOSE AND SCOPE

The 1996 Military Housing Privatization Initiative (MHPI) (P.L. 104-106) authorities, known as RCI (formerly CVI) in the Army, are being used to revitalize the existing inventory in the U.S. Where financially feasible, RCI will also be used to eliminate the deficit where the local economy cannot provide enough adequate, affordable housing.

This MHPI initiative provides alternative authorities for construction, improvement and operation of military housing units and operations in the U.S., but not in foreign areas. Under the authorities, the Services can leverage appropriated housing funds and owned assets to gain private-sector capital and expertise to operate, manage, repair, improve, and construct military housing.

MHPI authorities include guarantees and direct loans; commitments such as leases or differential payments; and investments, or a combination thereof. Army will generally use these authorities to out-lease land and convey the housing inventory to a private entity. The entity will revitalize the inventory and build to reduce the deficit within an established period. The entity will own, operate and maintain the AFH inventory for 50 years.

Analyses show privatizing AFH will not save money. However, RCI can fix the Army's U.S. housing inventory in 5-10 years, compared with 130-plus years with programmed funding levels. The Army is committed to pursuing AFH privatization to the maximum extent. The Army has identified 37 RCI projects involving 43 installations. The Army plans to award an average of six projects each fiscal year, with all projects awarded by October 2005. This plan presumes MHPI/RCI legislation will be extended beyond February 2001.

In the U.S., no major AFH maintenance and repair projects, except for life/safety issues, are planned at FY 2000-2001 RCI installations. All U.S. installations scheduled for RCI in FY 2002-2005 will be sustained at a minimum maintenance level until they are privatized. The MHPI/RCI authorities do not apply outside the U.S. where the Army does not own the AFH or the land. Therefore, AFHC projects are included only for Germany and Korea where RCI is not an option.

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
RESIDENTIAL COMMUNITIES INITIATIVE (RCI) SUMMARY (Continued)

INTEGRATING RCI INTO THE BUDGET

Through FY 2001, the Army plans to award contracts, and to negotiate the Community Development and Management Plan (CDMP) to privatize family housing for 11 projects. Approximately 60 days after the Army accepts the CDMP, the Army issues a "Notice to Proceed" (NTP). At the NTP, title for the housing is transferred to the developer, and service members begin using their housing allowances to pay rent to the private entity.

The Army's Housing Portfolio Summary at the end of this section identifies the FY and month each of the 37 projects will be awarded. For the Fort Carson RCI, the NTP is 60 days after contract award listed in the table.

FUNDING FOR RCI

AFH funds supporting the Residential Communities Initiative in the FY 2000-2001 budget are identified in the table below:

Cost	FHIF Loan Guarantees (scoring)	MPA Transfer	MPA Transfer	RCI Management, Salaries, Studies, Fire, Police	Fort Carson	
Source	AFHC Improvements	AFHC New Construction	AFHO 1910, 1920, 1930	AFHO Operations	AFHO Utilities	TOTAL
FY 2000	9,000	24,402	0	10,330	3,110	46,842
FY 2001	20,000	44,100	104,171	17,140	3,170	188,581

1. FHIF Loan Guarantees - AFHC funds have been transferred into DoD's Family Housing Improvement Fund (FHIF) for Army RCI projects. AFHC funds programmed for RCI scoring, (\$9M in FY 2000 and \$20M in FY 2001) are a supplement to \$108M of prior year AFHC funds withheld for this purpose.

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
RESIDENTIAL COMMUNITIES INITIATIVE (RCI) SUMMARY (Continued)

2. Military Personnel, Army (MPA). - AFH funds have been transferred to the MPA housing allowances account to support privatization of family housing. The MPA amount is calculated based on the month that soldiers begin to pay rent (the NTP date). In FY 2000, \$24M was transferred from the AFHC account to the MPA account to support the increase in allowances to be paid due to privatization. In FY 2001, \$148M was transferred from the AFHO and AFHC accounts to increase MPA housing allowances. Based on the scheduled NTP of each site, reductions to AFHO operations, utilities, and maintenance and repair accounts have been calculated and will be used to defray MPA and RCI implementation costs.

3. RCI Management Costs - Funds are budgeted for management, salaries, and studies for future RCI projects. Following the NTP date, AFHO funds for RCI installations are significantly reduced. Remaining funds support residual staff for contract administration, oversight, housing liaison responsibilities, off-post referral, maintenance of waiting lists and fire and police protection for the privatized housing units. With the exception of the Fort Carson RCI, utility costs will be paid by the private entity.

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
**ARMY HOUSING PORTFOLIO SUMMARY**

Fiscal Year Issued	Project Identification				Task (Note 3)			
	Installation	State	Project Scope (Note 1)	MILCON Funding (Note 2)	Concept Approval	Notify Congress (Solicitation)	Notify Congress (Selection)	Deal Closing/ Contract Award
98	Ft Carson	CO	1,823	\$15.8M (95)	Apr-96	Sep-96	Jul-99	Jul-99
98	<b>Sub-Total</b>		<b>1,823</b>	<b>\$15.8M (95)</b>	--	--	--	--
99	Ft Hood	TX	5,482	\$18.6M (98) \$21.6M (99)	Nov-98	Dec-98	Dec-99	Feb-00
99	Ft Lewis	WA	3,590	\$9M (00 FHIF)	Jan-99	Feb-99	Feb-00	Apr-00
99	Ft Stewart / Hunter AAF	GA	3,159	--	Mar-99	Apr-99	Apr-00	Jun-00
99	Ft Meade	MD	2,862	\$7.9M (98)	May-99	Jun-99	Jun-00	Aug-00
99	Ft Bragg	NC	4,744	\$16.6M (98) \$18.8M (99)	Jul-99	Aug-99	Aug-00	Oct-00
99	<b>Sub-Total</b>		<b>19,837</b>	<b>\$43.1M (98)</b> <b>\$40.4M (99)</b> <b>\$9M (00 FHIF)</b>	--	--	--	--
00	Ft Campbell	KY	4,240	\$8.8M (99) \$20M (01 FHIF)	Sep-99	Feb-00	Feb-01	Apr-01
00	Hampton Roads (Note 4)	VA	1,302	--	Sep-99	Oct-99	Oct-00	Dec-00
00	Presidio of Monterey	CA	1,676	--	Nov-99	Dec-99	Dec-00	Feb-01
00	Ft Sam Houston	TX	992	--	Mar-00	Apr-00	Apr-01	Jun-01
00	Ft Polk	LA	3,895	--	May-00	Jun-00	Jun-01	Aug-01
00	Ft Gordon	GA	876	--	Jul-00	Aug-00	Aug-01	Oct-01
00	<b>Sub-Total</b>		<b>12,981</b>	<b>\$8.8M (99)</b> <b>\$20M (01 FHIF)</b>	--	--	--	--

Note 1 -- Expected existing number of family housing units at time of transfer

Note 2 -- Includes MILCON funding year ( )

Note 3 -- Dates reflect end of month

Note 4 -- Hampton Roads Includes 3 Virginia Sites: Fts Eustis, Monroe, and Story

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
ARMY FAMILY HOUSING  
NEW CONSTRUCTION (PART IIA)  
(DOLLARS ARE IN THOUSANDS)  
OUTSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST
-----	-----	-----	-----	-----
Korea		Camp Humphreys (EUSA)		
		Camp Humphreys		
	48555	Family Housing New Construction	24,000	4,400
			-----	-----
		SUBTOTAL Camp Humphreys PART IIA	\$ 24,000	4,400
		* TOTAL AFH FOR Korea	\$ 24,000	4,400
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 24,000	4,400
		MILITARY CONSTRUCTION (PART IIA) TOTAL	\$ 24,000	4,400

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DEPARTMENT OF THE ARMY  
FISCAL YEAR 2000  
ARMY FAMILY HOUSING  
POST ACQUISITION (PART IIB)  
(DOLLARS ARE IN THOUSANDS)  
OUTSIDE THE UNITED STATES

STATE	PROJECT	INSTALLATION (COMMAND)	AUTHORIZATION	APPROPRIATION
-----	NUMBER	PROJECT TITLE	REQUEST	REQUEST
-----	-----	-----	-----	-----
Hanau, Germany		Coleman Village Housing (USAREUR)		
		Hanau		
	47334	Family Housing Improvements	7,000	1,150
			-----	-----
		SUBTOTAL Coleman Village Housing PART II	\$ 7,000	1,150
		* TOTAL AFH FOR Hanau, Germany	\$ 7,000	1,150
Wiesbaden, Germany		Crestview Housing (USAREUR)		
		Wiesbaden		
	49833	Family Housing Improvements	8,100	1,303
			-----	-----
		SUBTOTAL Crestview Housing PART IIB	\$ 8,100	1,303
		* TOTAL AFH FOR Wiesbaden, Germany	\$ 8,100	1,303
Baumholder, Germany		Wetzel Housing (USAREUR)		
		Baumholder		
	43638	Family Housing Improvements	17,500	2,850
			-----	-----
		SUBTOTAL Wetzel Housing PART IIB	\$ 17,500	2,850
		* TOTAL AFH FOR Baumholder, Germany	\$ 17,500	2,850
		** TOTAL OUTSIDE THE UNITED STATES FOR AFH	\$ 32,600	5,303
		MILITARY CONSTRUCTION (PART IIB) TOTAL	\$ 32,600	5,303



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ARMY FAMILY HOUSING  
FY 2000 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)(19)(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
Korea	Camp Humphreys	60 units	24,000,000
		Total	24,000,000

(b) PLANNING AND DESIGN.-- Using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(19)(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 [\$6,350,000] \$4,300,000.

SEC. 2103. IMPROVEMENTS TO MILITARY FAMILY HOUSING UNITS.

Subject to section 2825 of title 10, United States Code, and using amounts appropriated pursuant to the authorization of appropriations in section 2104(a)(19)(A), the Secretary of the Army may improve existing military family housing in an amount not to exceed [\$52,479,000], \$32,600,000.

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE

## AUTHORIZATION AND APPROPRIATION LANGUAGE (Continued)

## SEC. 2104. AUTHORIZATION OF APPROPRIATIONS, ARMY.

(a) IN GENERAL.

(19) For military family housing functions:

(A) For construction and acquisition, planning and design, and improvements of military family housing facilities, [139,290,000] \$14,003,000.

(B) For support of military family housing (including the functions described in section 2833 of title 10, United States Code) [\$1,095,897,000] \$1,098,080,000.

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, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction [\$139,290,000] \$14,003,000 to remain available until September 30, [2003] 2004; for Operation and Maintenance, and for debt payment [\$1,095,897,000] \$1,098,080,000; in all [\$1,235,187,000] \$1,112,083,000. In addition, for completion of construction projects begun in fiscal year 2000, \$43,991,000 to become available on October 1, 2000 and to remain available until September 30, 2005.

Further, for the foregoing purposes, \$1,018,264,000 to become available on October 1, 2000, of which \$67,072,000 for Construction, to remain available until September 30, 2005; and \$951,192,000 for Operation and Maintenance, and debt payment. (10 U.S.C. 2824, 2827-29, 2831, 2851-54, 2857; Military Construction Appropriations Act, 1999.)

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
NEW CONSTRUCTION

(\$ in Thousands)	
FY 2000 Budget request	\$4,400
FY 1999 Appropriation	\$80,461

PURPOSE AND SCOPE

This program provides for construction of new housing where analysis indicates it will be more economical to build new units rather than continue to utilize substandard, 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. The new construction projects are all in Korea for requirements which have not been funded through host nation programs.

PROGRAM SUMMARY

Authorization of \$24,000,000 is requested in FY 2000 for:

1. Construction of 60 new family housing units where none currently exist.
  
2. FY 2000 Appropriation in the amount of \$4,400,000, and FY 2001 advance appropriation of \$18,113,000 is required to fund construction of 60 family housing units. The advance appropriation does not include costs of supervision, inspection and overhead. These costs will be funded in requests for future appropriations.

A summary of the requested new construction funding program for FY 2000 follows:

<u>Location</u>	<u>Mission</u>	<u>Number of Units</u>		<u>Amount</u>
		<u>Constr.</u>	<u>Demolished</u>	<u>(\$000)</u>
Deficit Reduction:				
Camp Humphreys, Korea	Current	60	0	4,400
Replacement: None				
TOTAL		60	0	4,400

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1. COMPONENT ARMY	FY 2000 MILITARY CONSTRUCTION PROGRAM				2. DATE February 1999	
3. INSTALLATION AND LOCATION  Camp Humphreys Korea		4. COMMAND  Eighth US Army			5. AREA CONSTRUCTION COST INDEX  1.04	

6. PERSONNEL STRENGTH:										
	PERMANENT			STUDENTS			SUPPORTED			
	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	OFFICER	ENLIST	CIVIL	TOTAL
A. AS OF 30 SEP 1998	452	3063	941	0	0	0	4	859	736	6,055
B. END FY 2004	463	3076	484	0	0	0	4	859	736	5,622

7. INVENTORY DATA (\$000)	
A. TOTAL AREA.....	34 ha (85 AC)
B. INVENTORY TOTAL AS OF 30 SEP 1998.....	14,066
C. AUTHORIZATION NOT YET IN INVENTORY.....	0
D. AUTHORIZATION REQUESTED IN THE FY 2000 PROGRAM.....	24,000
E. AUTHORIZATION INCLUDED IN THE FY 2001 PROGRAM.....	20,069
F. PLANNED IN NEXT THREE YEARS (NEW MISSION ONLY).....	0
G. REMAINING DEFICIENCY.....	0
H. GRAND TOTAL.....	58,135

8. PROJECTS REQUESTED IN THE FY 2000 PROGRAM:					
CATEGORY PROJECT		COST	DESIGN STATUS		
CODE	NUMBER	PROJECT TITLE	(\$000)	START	COMPLETE
711	48555	Family Housing New Construction	24,000	01/1999	12/1999
TOTAL			24,000		

9. FUTURE PROJECTS:		
CATEGORY		COST
CODE	PROJECT TITLE	(\$000)
A. INCLUDED IN THE FY 2001 PROGRAM:		
711	Family Housing New Construction	20,069
TOTAL		20,069
B. PLANNED NEXT THREE PROGRAM YEARS (NEW MISSION ONLY): NONE		

10. MISSION OR MAJOR FUNCTIONS:
<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. 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 family housing, 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. COMPONENT ARMY	FY 2000 MILITARY CONSTRUCTION PROGRAM	2. DATE February 1999
INSTALLATION AND LOCATION: Camp Humphreys Korea		
11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: <div style="float: right;">(\$000)</div> <div style="clear: both;"></div> <div style="display: flex; justify-content: space-between;"> <div>A. AIR POLLUTION</div> <div>0</div> </div> <div style="display: flex; justify-content: space-between;"> <div>B. WATER POLLUTION</div> <div>0</div> </div> <div style="display: flex; justify-content: space-between;"> <div>C. OCCUPATIONAL SAFETY AND HEALTH</div> <div>0</div> </div>		
REMARKS :		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  February 1999	
3.INSTALLATION AND LOCATION  Camp Humphreys, Korea			4.PROJECT TITLE  Family Housing New Construction		
5.PROGRAM ELEMENT  88741A	6.CATEGORY CODE  711	7.PROJECT NUMBER  48555	8.PROJECT COST (\$000) Auth                      24,000 Approp                    4,400		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>					
Family Housing (5 Flr)	m2 (SF)	7,875 (    84,760)	2,138	19,323 (16,836)	
Elevator-Pass	EA	2 --	143,693	(287)	
Elevator-Service	EA	1 --	246,331	(246)	
Sprinkler System	m2 (SF)	7,875 (    84,760)	71.03	(559)	
Pile Foundation	m (LF)	5,814 (    19,075)	173.49	(1,009)	
Building Information Systems	LS	--	--	(386)	
<u>SUPPORTING FACILITIES</u>					
Electric Service	LS	--	--	2,135 (153)	
Water, Sewer, Gas	LS	--	--	(242)	
Paving, Walks, Curbs & Gutters	LS	--	--	(196)	
Storm Drainage	LS	--	--	(452)	
Site Imp(    904) Demo(            )	LS	--	--	(904)	
Information Systems	LS	--	--	(188)	
ESTIMATED CONTRACT COST				21,458	
CONTINGENCY PERCENT (5.00%)				<u>1,073</u>	
SUBTOTAL				22,531	
SUPV, INSP & OVERHEAD (6.50%)				<u>1,465</u>	
TOTAL REQUEST				23,996	
TOTAL REQUEST (ROUNDED)				24,000	
INSTALLED EQT-OTHER APPROP				(0)	
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriations for the remaining amount. The project will construct 60 three, four and five bedroom field and company grade officer, warrant officer and senior noncommissioned officer apartment type family quarters in a five-story building at Camp Humphreys. Due to the limited area available, high density construction is required with elevator access and a fire protection sprinkler and alarm system. Project will provide central hot water, heating and air conditioning, kitchen range, refrigerator, washer, dryer, garbage disposal, dishwasher and telephone/TV systems. Supporting facilities include underground utilities, two water wells, earthwork, grading, parking, walks, curbs and gutters, area lighting, tot lots, multi-purpose courts, signage, landscaping, drainage, a perimeter wall around the complex, and relocation/replacement of a picnic pavilion. At least five percent of the quarters will be constructed such that they will be accessible and easily modifiable to accommodate the requirements of the handicapped.					



1. COMPONENT	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE																																																																																				
ARMY		February 1999																																																																																				
3. INSTALLATION AND LOCATION																																																																																						
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4. PROJECT TITLE		5. PROJECT NUMBER																																																																																				
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<p><b>PROJECT:</b> Construct 60 field and company grade officer, warrant officer and senior noncommissioned officer multi-story apartment type family housing dwelling units and supporting facilities at Camp Humphreys. (Current Mission)</p> <p><b>REQUIREMENT:</b> This project is required to provide permanent adequate on-post family housing facilities for command sponsored military personnel and key and essential civilians and their families.</p> <p><b>CURRENT SITUATION:</b> There is no Army owned or controlled family housing at Camp Humphreys. Consequently all command sponsored personnel with families are required to reside in housing located in nearby Korean communities. Most of the off- post housing is inadequate due to lack of running potable water. Although bottled water is available, families are still exposed to water borne health risks from the use of non-potable water. Housing which can be deemed adequate far exceeds allowances, and affordable housing does not meet minimum adequacy standards.</p> <p><b>IMPACT IF NOT PROVIDED:</b> If this project is not provided, command sponsored personnel will continue to live in substandard off-post housing and be exposed to health risks from the use of non-potable water. Mission accomplishment will be degraded by the dispersion of key personnel in off-post housing, and the quality of life available to these personnel will be adversely impacted.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the installation physical security plan and no physical security and/or CBT/T measures other than those required by regulation, or included in Corps of Engineers standardized designs for this type facility are required. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instructions (AEI), Design Criteria, dated 2 October 1995. 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</p>																																																																																						



MILITARY FAMILY HOUSING JUSTIFICATION				1. DATE OF REPORT February 1999		2. FISCAL YEAR 2000		REPORT CONTROL SYMBOL P&L (AR) 1716	
3. DOD COMPONENT <b>ARMY</b>		4. REPORTING INSTALLATION							
5. DATA AS OF		a. NAME Camp Humpherys				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		456	3,186	736	4,378	467	3,197	738	4,402
7. PERMANENT PARTY PERSONNEL		456	3,186	736	4,378	467	3,197	738	4,402
8. GROSS FAMILY HOUSING REQUIREMENTS		91	96		187	133	96		229
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		91	96	0	187				
a. INVOLUNTARILY SEPARATED					0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED					0				
c. UNACCEPTABLY HOUSED - IN COMMUNITY		91	96		187				
10. VOLUNTARY SEPARATIONS					0				0
11. EFFECTIVE HOUSING REQUIREMENTS		91	96	0	187	133	96	0	229
12. HOUSING ASSETS (a + b)		0	0	0	0	0	0	0	0
a. UNDER MILITARY CONTROL		0	0	0	0	0	0	0	0
(1) Housed in Existing DOD Owned/Controlled					0				0
(2) Under Contract / Approved								0	0
(3) Vacant					0				
(4) Inactive					0				
b. PRIVATE HOUSING		0	0	0	0				0
(1) Acceptably Housed					0				
(2) Acceptable Vacant Rental					0				
13. EFFECTIVE HOUSING DEFICIT		91	96	0	187	133	96	0	229
14. PROPOSED PROJECT						52	8		60
15. REMARKS (Specify item number)									
Line 8. Includes command sponsored military and 2 command sponsored civilian positions authorized family housing.									
Line 9. These are families in country that reside in inadequate rental housing in the Camp Humphery's area.									
This is the first 60 unit phase of a three phase project to construct 180 mid rise high density on-post housing units.									
Field Grade Officer: 4 4 Bedroom Units									
35 3 Bedroom Units									
Company Grade Officer: 1 5 Bedroom Unit									
8 4 Bedroom Units									
4 3 Bedroom Units									
Senior NCO: 2 4 Bedroom Units									
6 3 Bedroom Units									

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  February 1999	
3.INSTALLATION AND LOCATION  Worldwide Various Locations, Worldwide Var				4.PROJECT TITLE  AFHC SIOH Program		
5.PROGRAM ELEMENT  88742A		6.CATEGORY CODE  711		7.PROJECT NUMBER  52349		8.PROJECT COST (\$000) Auth Approp -286
9.COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
<u>PRIMARY FACILITY</u>						-286
Supervision, Insp & Overhead				LS	--	(-286)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						-286
CONTINGENCY PERCENT (.00 %)						
SUBTOTAL						-286
SUPERVISION, INSPECTION & OVERHEAD (.00 %)						
TOTAL REQUEST						-286
TOTAL REQUEST (ROUNDED)						-286
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10.Description of Proposed Construction      The funds requested will be used to finance the Supervision, Inspection and Overhead (SIOH) associated with Army Family Housing Construction funded projects which will be executed in Budget Activity 3.						

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ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
POST-ACQUISITION CONSTRUCTION

	(\$ in Thousands)
FY 2000 Budget Request	\$5,303
FY 1999 Appropriation	\$52,479

PURPOSE AND SCOPE

The Post-acquisition Construction program provides funding for revitalizing military family housing units that are more economical to renovate rather than replace. The proposed investment in post-acquisition construction will increase the useful life of the revitalized units by 35 years.

The Army continues to emphasize the "whole neighborhood" revitalization concept. Our program considers the requirement of the total neighborhood including the dwelling units, supporting utility systems, energy conservation, roads, playgrounds, and community facilities. The result improves quarters to contemporary standards, and provides functional units in more attractive housing areas.

The post-acquisition construction projects included in this request are all located in USAREUR. The Army is seeking host nation support and residual value contributions to improve housing located overseas. The requested projects are the most critical projects which are not identified for funding through residual value contributions in Germany.

PROGRAM SUMMARY

The FY 2000 authorization of \$32,600,000, and FY 2001 advance appropriation of \$25,878,000, is requested for whole neighborhood revitalization and improvements to 424 units. The advance appropriation does not include costs of supervision, inspection and overhead. These costs will be funded in requests for future appropriations. 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 2000 BUDGET ESTIMATE  
 POST-ACQUISITION CONSTRUCTION (continued)

<u>Location</u>	<u>Historic</u>	<u>Type</u>	<u>No. of Units</u>	<u>Appropriation/Authorization (\$000)</u>	
Baumholder, GE	no	JNCO	162	2,850	17,500
Hanau, GE	no	JNCO	64	1,150	7,000
Wiesbaden, GE	no	JNCO	<u>198</u>	<u>1,303</u>	<u>8,100</u>
Total			424	5,303	32,600

Type: JNCO - Junior NCO  
 SNCO - Senior NCO  
 FGO - Field Grade Officer

FUNDING SUMMARY

FY 2000 AUTHORIZATION	\$32,600,000
FY 2000 APPROPRIATION	\$ 5,303,000
FY 2001 ADVANCE APPROPRIATION	\$25,878,000

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  February 1999	
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                      32,600 Approp                    5,303
9.COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
Post Acquisition Construction Improvements					LS	5,303
Projects qualifying for the Defense Energy Conservation Investment Program (ECIP)					LS	0
TOTAL						5,303
10.Description of Proposed Construction These projects provide 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 baths (where required), increasing net living area to space currently authorized, installation of central air conditioning and heating systems including, as required, relocation of ductwork, exterior storage, patios and parking. Replacement or installation of supporting infrastructure considers utility distribution systems, storm sewers, roads, road realignment, off street parking, landscaping and recreation facilities.						



1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  February 1999
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 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.</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.</p>		

1.COMPONENT  ARMY	<b>FY 2000    MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  February 1999																																																				
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1.COMONENT	FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2.DATE
ARMY			February 1999
3.INSTALLATION AND LOCATION			
Various Locations - Continental and Overseas			
4.PROJECT TITLE		5.PROJECT NUMBER	
Army Family Housing Post Acquisition Construction			
DESCRIPTION OF WORK TO BE ACCOMPLISHED			
Country/State Installation and Project			
	Post		CWE
	Acquisition		(\$000)
	Construction	ECIP	Total
	-----	----	-----
Baumholder, Germany ( Note: All projects are priced at \$1 = 1.71 MARKS)			
Baumholder			
(Project Number 43638)	2,850		
FY 2000 authorization requested for this project is \$17.5 million. Whole neighborhood revitalization of junior enlisted stairwell apartment type family housing at Baumholder to current standards including energy conservation, supporting infrastructure and neighborhood amenities - 162 units. No improvements or major repairs have been accomplished in the past three years, nor are any planned for the following three years. (Separate DD Form 1391 is attached).			
Installation Total			2,850
Baumholder, Germany Total			2,850
OVERSEAS TOTALS	5,303		5,303
Total USA and Overseas	5,303		5,303

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  February 1999	
3.INSTALLATION AND LOCATION  Coleman Village Housing, Hanau, Germany			4.PROJECT TITLE  Family Housing Improvements		
5.PROGRAM ELEMENT  88742A		6.CATEGORY CODE  711	7.PROJECT NUMBER  47334	8.PROJECT COST (\$000) Auth                      7,000 Approp                    1,150	
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					5,949
Revitalize 2-Bedroom Units		FA	24 --	87,092	(2,090)
Revitalize 3-Bedroom Units		FA	40 --	96,463	(3,859)
<u>SUPPORTING FACILITIES</u>					348
Electric Service		LS	--	--	(29)
Paving, Walks, Curbs & Gutters		LS	--	--	(199)
Site Imp(    120) Demo(           )		LS	--	--	(120)
ESTIMATED CONTRACT COST					6,297
CONTINGENCY PERCENT (5.00%)					<u>315</u>
SUBTOTAL					6,612
SUPV, INSP & OVERHEAD (6.50%)					<u>430</u>
TOTAL REQUEST					7,042
TOTAL REQUEST (ROUNDED)					7,000
INSTALLED EQT-OTHER APPROP					(0)
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriations for the remaining amount. The project will provide whole neighborhood revitalization of 64 (40 two- and 24 three-bedroom) junior enlisted stairwell apartment type family housing units constructed in 1953. Revitalization will provide units which meet current standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes adding laundry to all apartments and second bathrooms to three bedroom units, replace failed flooring, upgrade kitchen and existing bathroom, and replace built-in closets, heating lines, radiators, plumbing and electrical system including 110v. Replaster and paint throughout, install new doors and upgrade entryway. Supporting facility work includes upgrade parking, walkways, exterior lighting, refuse collection centers, repair playgrounds and basketball court, add picnic areas, tennis court and half basketball court.					
<u>PROJECT:</u> Whole neighborhood revitalization of 64 junior enlisted stairwell apartment type family quarters at Hanau to include neighborhood amenities, supporting facilities, energy conservation and safety improvements to current standards. (Current Mission)					

1.COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2.DATE  February 1999
3.INSTALLATION AND LOCATION  Coleman Village Housing, Hanau, Germany		
4.PROJECT TITLE  Family Housing Improvements		5.PROJECT NUMBER  47334
<p><u>REQUIREMENT:</u> This project is required to improve existing conditions of these junior enlisted family housing quarters to conform to adequate standards of comfort, habitability, safety, energy conservation and to extend the life expectancy of these units.</p> <p><u>CURRENT SITUATION:</u> These apartment buildings consist of 24 two-bedroom units at 91.5 NSM (985 NSF) and 40 three-bedroom units at 115.4 NSM (1242 NSF). These buildings have had no major improvements except new windows in 1985. The kitchens are too small, laid out inefficiently and do not have dishwashers or exhaust hoods venting to the outside. Cabinets, sinks and counter surfaces have deteriorated. Existing bathroom fixtures are worn out and larger units have insufficient bath and shower facilities. Laundry centers are shared by all building occupants in the basements. Heating lines are corroded and radiators are old and inefficient. Units do not have adequate walkways, parking or exterior lighting. Electrical system is deteriorated and undersized. Garbage dumpsters are an eyesore and not set up for recycling/separation, and neighborhood recreational facilities are lacking. This project includes all work necessary 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 live in inadequate housing which will continue to deteriorate, causing increased maintenance and energy costs. This adversely affects the health, safety and quality of life of these junior enlisted personnel and their families. Building components have exceeded their useful life and are failing.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan and no physical security and/or CBT/T measures other than those required by regulation, or included in Corps of Engineers standardized designs for this type facility are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. 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>NATO INFRASTRUCTURE:</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: Mr. Wallie Feliciano Phone Number: DSN 322-8318</p>		

1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  February 1999	
3.INSTALLATION AND LOCATION  Wetzel Housing, Baumholder, Germany			4.PROJECT TITLE  Family Housing Improvements		
5.PROGRAM ELEMENT  88742A	6.CATEGORY CODE  711	7.PROJECT NUMBER  43638	8.PROJECT COST (\$000) Auth            17,500 Approp         2,850		
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					15,169
Revitalize 2-Bedroom Units		FA	54 --	76,447	(4,128)
Revitalize 3-Bedroom Units		FA	54 --	98,952	(5,343)
Revitalize 4-Bedroom Units		FA	54 --	105,523	(5,698)
<u>SUPPORTING FACILITIES</u>					543
Electric Service		LS	--	--	(62)
Paving, Walks, Curbs & Gutters		LS	--	--	(368)
Site Imp(    113) Demo(            )		LS	--	--	(113)
ESTIMATED CONTRACT COST					15,712
CONTINGENCY PERCENT (5.00%)					786
SUBTOTAL					16,498
SUPV, INSP & OVERHEAD (6.50%)					1,072
TOTAL REQUEST					17,570
TOTAL REQUEST (ROUNDED)					17,500
INSTALLED EQT-OTHER APPROP					(0)
10.Description of Proposed Construction      This project is incrementally funded. However, full authorization is requested in the year of initial appropriation. The Army plans to award this project using a single construction contract and requests advanced appropriations for the remaining amount. This project will provide whole neighborhood revitalization of 162 (54 two-, 54 three-, and 54 four-bedroom) junior enlisted stairwell apartment type family housing units constructed in 1952. Revitalization will provide units comparable to new construction standards including neighborhood amenities, supporting infrastructure and energy efficiency. Work includes interior modifications to improve the floor plan, increase the living space, redesign and upgrade of the kitchen and bathrooms, adding laundry rooms to each apartment and adding a second bathroom to three-bedroom quarters. Floor covering will be replaced throughout. Insulate to current energy standards, replace heating lines and radiators and repair plumbing. Upgrade electrical system including fixtures to current standards. Install new interior and exterior doors and hardware, insulated windows and exterior plaster. Repaint throughout. Upgrade common entryways and stairwell to provide new finishes, meet current fire safety requirements, repair railings and flooring, upgrade entry portico, and replace entry buzzer and mailboxes. Supporting facility work includes repair and add street, parking and walkway lighting; repair roads, curbing, walkways and					

1. COMPONENT  ARMY	FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>	2. DATE  February 1999
3. INSTALLATION AND LOCATION  Wetzel Housing, Baumholder, Germany		
4. PROJECT TITLE  Family Housing Improvements		5. PROJECT NUMBER  43638
<p><u>DESCRIPTION OF PROPOSED CONSTRUCTION:</u>    (CONTINUED)</p> <p>parking to include additional parking spaces; add refuse collection centers and improve landscaping.</p> <hr/> <p><u>PROJECT:</u>    Whole neighborhood revitalization of 162 junior enlisted stairwell apartment type family quarters at Baumholder to include neighborhood amenities, supporting facilities, and energy conservation improvements to current standards. (Current Mission)</p> <p><u>REQUIREMENT:</u>    This project is required to improve existing conditions of these junior enlisted family quarters to conform to adequate standards of comfort, habitability, 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 54 two-bedroom units at 88 NSM (947 NSF), 54 three-bedroom units at 99 NSM (1065 NSF) and 54 four-bedroom units at 120.8 NSM (1300 NSF). These units have had no major improvements since original construction in 1952, but are structurally sound. Asbestos and lead-based paint have been identified in all apartments and abatement will be accomplished. The kitchens are too small, laid out inefficiently and do not have dishwashers or exhaust hoods venting outside. Cabinets, surfaces and fixtures have deteriorated. Existing bathroom fixtures are worn out and three-bedroom units only have one bathroom. Communal laundry facilities are located in dismal basements, requiring spouses to negotiate up to four flights of stairs, and then often finding the shared washers and dryers already in use. Heating system distribution is inadequate, and the electrical system is deteriorated and undersized. Units do not have adequate parking. 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 energy reduction goals. Building components have exceeded their useful life and are failing.</p> <p><u>ADDITIONAL:</u>    This project has been coordinated with the installation physical security plan and no physical security and/or CBT/T measures other than those required by regulation, or included in Corps of Engineers standardized designs for this type facility are required. CINC USAREUR's Conventional Forces Europe (CFE) planners have certified the end-state requirement for this installation. This project complies with the scope and design criteria of DOD 4270.1-M, "Construction Criteria," that were in effect 1 January 1987, as implemented by the Army's Architectural and Engineering Instruction (AEI), "Design Criteria," dated 2 October 1995. The life cycle cost analysis shows revitalization to be more cost effective than all feasible alternatives. No improvements or major repairs were accomplished in the past three years, nor are any planned for the following three years.</p>		

1.COMONENT	FY 2000      MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		February 1999
3.INSTALLATION AND LOCATION		
Wetzel Housing, Baumholder, Germany		
4.PROJECT TITLE	5.PROJECT NUMBER	
Family Housing Improvements	43638	
<p><u>NATO INFRASTRUCTURE:</u>    This project is not within an established NATO Infrastructure Category for common funding, nor is it expected to become eligible.</p>		
<p>Installation Engineer:   Mr. Karlheinz Rudhard  Phone Number:   DSN 490-5760</p>		



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1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2.DATE  February 1999	
3.INSTALLATION AND LOCATION  Worldwide Various Locations, Worldwide Var				4.PROJECT TITLE  AFHC SIOH Program		
5.PROGRAM ELEMENT  88741A		6.CATEGORY CODE  711		7.PROJECT NUMBER  52388		8.PROJECT COST (\$000) Auth Approp -345
9.COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
<u>PRIMARY FACILITY</u>						-345
Supervision, Insp & Overhead				LS	--	(-345)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						-345
CONTINGENCY PERCENT (.00 %)						
SUBTOTAL						-345
SUPERVISION, INSPECTION & OVERHEAD (.00 %)						
TOTAL REQUEST						-345
TOTAL REQUEST (ROUNDED)						-345
INSTALLED EQT-OTHER APPROPRIATIONS						(0)
10.Description of Proposed Construction      The funds requested will be used to finance the Supervision, Inspection, and Overhead (SIOH) associated with Army Family Housing Construction funded projects which will be executed in Budget Activity 3.						

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ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
PLANNING AND DESIGN

	(\$ in Thousands)
FY 2000 Budget Request	\$4,300
FY 1999 Appropriation	\$6,350

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 also 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 \$4,300,000 in FY 2000 to fund family housing construction planning and design activities. The funds will provide for final design work on FY 2000 and FY 2001 projects, and for initial concept designs for FY 2002 projects to ensure that construction contracts can be awarded in the respective fiscal years.

The FY 2000 planning and design program supports the Army's continuing emphasis on the whole neighborhood revitalization program. Revitalization projects normally 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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1.COMPONENT  ARMY		FY 2000 <b>MILITARY CONSTRUCTION PROJECT DATA</b>		2.DATE  February 1999	
3.INSTALLATION AND LOCATION  Planning and Design, Worldwide Various			4.PROJECT TITLE  AFHC SIOH Program		
5.PROGRAM ELEMENT  87742A	6.CATEGORY CODE  711	7.PROJECT NUMBER  52348	8.PROJECT COST (\$000) Auth Approp      631		
9.COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					631
Supervision, Insp & Overhead		LS	--	--	(631)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					631
CONTINGENCY PERCENT (.00 %)					
SUBTOTAL					631
SUPERVISION, INSPECTION & OVERHEAD (.00 %)					
TOTAL REQUEST					631
TOTAL REQUEST (ROUNDED)					631
INSTALLED EQT-OTHER APPROPRIATIONS					(0)
10.Description of Proposed Construction      The funds requested will be used to finance the Supervision, Inspection, and Overhead (SIOH) associated with Army Family Housing Construction funded projects which will be executed in Budget Activity 3.					

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ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
OPERATION, UTILITIES, AND MAINTENANCE

(\$ in Thousands)	
FY 2000 Budget Request	\$875,783
FY 1999 Appropriation	\$893,739

PURPOSE AND SCOPE

Operation Accounts. The operating accounts portion of the program 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, project 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. This account also funds the management, salaries and studies for implementation of the Residential Communities Initiative (RCI).

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 fire and police protection in RCI 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 heating, air conditioning, electricity, water, and sewage for Army family housing units. Also includes the cost of utilities for privatized housing at Fort Carson.



ARMY FAMILY HOUSING  
FY 2000 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.

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 2000 BUDGET ESTIMATE  
OPERATION, UTILITIES, AND MAINTENANCE (continued)

PROGRAM SUMMARY

Authorization and appropriation are requested for \$875,783,000 for FY 2000. This amount, together with estimated reimbursements of \$19,000,000 will fund the Operation and Maintenance program of \$894,783,000. A summary follows:

(\$ in thousands)

<u>Operation</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total Direct</u>	<u>Reimburse-ments</u>	<u>Total Request</u>
185,620	220,952	469,211	875,783	19,000	894,783

The FY 2000 operation, utilities, and maintenance programs include the following management and investment 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 project 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.

5. In the U.S., installations scheduled for a RCI project in FY 2002-2005 will be sustained at a minimum maintenance level until they are privatized. There will be no major renovations or construction except for life/safety issues at any FY 2000-2001 RCI site. (See RCI summary on page 2).

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ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
OPERATION AND MAINTENANCE, SUMMARY (WORLDWIDE)  
*Excludes Leased Units and Costs*  
FY 2000

A. INVENTORY DATA	FY 1998 OBLIGATION		FY 1999 CURRENT ESTIMATE		FY 2000 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	119,915		116,916		113,940	
INVENTORY END OF YEAR	116,916		113,940		98,540	
AVERAGE INVENTORY	118,416		115,428		108,784 ★	
UNITS REQUIRING O&M FUNDING:						
a. Coterminous U.S.	77,544		75,393		70,422	
b. U.S. Overseas	12,155		11,917		11,706	
c. Foreign	28,717		28,119		26,656	
d. Worldwide	118,416		115,428		108,784	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	784	92,882	791	91,339	850	92,453
b. Services	422	49,979	452	52,116	439	47,715
c. Furnishings	399	47,271	400	46,204	413	44,970
d. Miscellaneous	<u>6</u>	<u>687</u>	<u>6</u>	<u>719</u>	<u>4</u>	<u>482</u>
SUBTOTAL - OPERATION	1,611	190,819	1,649	190,378	1,706	185,620
2. UTILITIES	1,944	230,176	2,040	235,516	2,031	220,952
3. MAINTENANCE						
a. Annual Recurring M&R	2,054	243,173	2,325	268,353	2,506	272,647
b. Major M&R Projects	1,381	163,509	862	99,473	992	107,924
c. Exterior Utilities	189	22,429	224	25,869	242	26,283
d. M&R, Other Real Prop.	318	37,663	444	51,199	478	52,019
e. Alts. & Additions	<u>74</u>	<u>8,706</u>	<u>88</u>	<u>10,176</u>	<u>95</u>	<u>10,339</u>
SUBTOTAL MAINTENANCE	4,015	475,480	3,942	455,071	4,313	469,211
4. FOREIGN CURRENCY SAVINGS		(17,300)				
5. APPROPRIATION	7,424	879,175	7,632	880,965	8,051	875,783
6. REIMBURSABLE PROGRAM	<u>135</u>	<u>16,040</u>	<u>165</u>	<u>19,000</u>	<u>175</u>	<u>19,000</u>
7. TOTAL O&M PROGRAM	7,414	877,915	7,797	899,965	8,225	894,783

★ Average inventory plus CVI units supported until transferred to private entity

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
OPERATION AND MAINTENANCE, SUMMARY (CONUS)  
*Excludes Leased Units and Costs*  
FY 2000

A. INVENTORY DATA	FY 1998 OBLIGATION		FY 1999 CURRENT ESTIMATE		FY 2000 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	78,835		76,253		74,532	
INVENTORY END OF YEAR	76,253		74,532		61,223	
AVERAGE INVENTORY	77,544		75,393		70,422	
	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
B. FUNDING REQUIREMENT	(\$)	(\$000)	(\$)	(\$000)	(\$)	(\$000)
1. OPERATION						
a. Management	772	59,893	779	60,161	808	58,358
b. Services	381	29,548	376	28,322	357	25,175
c. Furnishings	134	10,387	139	10,499	123	8,691
d. Miscellaneous	<u>6</u>	<u>455</u>	<u>6</u>	<u>477</u>	<u>7</u>	<u>482</u>
SUBTOTAL - OPERATION	1,293	100,283	1,319	99,459	1,281	92,706
2. UTILITIES	1,456	112,882	1,521	114,671	1,506	106,082
3. MAINTENANCE						
a. Annual Recurring M&R	2,053	159,176	2,191	165,220	2,384	167,864
b. Major M&R Projects	1,234	95,685	654	49,306	655	46,111
c. Exterior Utilities	170	13,157	205	15,472	223	15,720
d. M&R, Other Real Prop.	301	23,350	387	29,201	421	29,668
e. Alts. & Additions	<u>75</u>	<u>5,851</u>	<u>97</u>	<u>7,287</u>	<u>105</u>	<u>7,404</u>
SUBTOTAL MAINTENANCE	3,833	297,219	3,535	266,486	3,788	266,766
4. FOREIGN CURRENCY SAVINGS						
5. APPROPRIATION	6,582	510,384	6,375	480,616	6,611	465,554
6. REIMBURSABLE PROGRAM	<u>141</u>	<u>10,943</u>	<u>172</u>	<u>13,000</u>	<u>185</u>	<u>13,000</u>
7. TOTAL O&M PROGRAM	6,723	521,327	6,547	493,616	6,796	478,554

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
OPERATION AND MAINTENANCE, SUMMARY (U.S. OVERSEAS)  
*Excludes Leased Units and Costs*  
FY 2000

A. INVENTORY DATA	FY 1998 OBLIGATION		FY 1999 CURRENT ESTIMATE		FY 2000 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	12,293		12,017		11,816	
INVENTORY END OF YEAR	12,017		11,816		11,598	
AVERAGE INVENTORY	12,155		11,917		11,706	
	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
B. FUNDING REQUIREMENT						
1. OPERATION						
a. Management	720	8,752	610	7,274	739	8,653
b. Services	352	4,273	622	7,417	386	4,524
c. Furnishings	570	6,926	510	6,081	525	6,144
d. Miscellaneous	<u>19</u>	<u>232</u>	<u>20</u>	<u>242</u>	<u>0</u>	<u>0</u>
SUBTOTAL - OPERATION	1,660	20,183	1,763	21,014	1,651	19,321
2. UTILITIES	2,655	32,274	2,769	33,001	2,636	30,857
3. MAINTENANCE						
a. Annual Recurring M&R	3,108	37,777	3,201	45,010	3,272	45,730
b. Major M&R Projects	2,390	29,054	1,410	16,808	1,393	16,310
c. Exterior Utilities	586	7,120	603	7,735	617	7,859
d. M&R, Other Real Prop.	702	8,535	723	11,201	739	11,380
e. Alts. & Additions	<u>176</u>	<u>2,138</u>	<u>181</u>	<u>1,054</u>	<u>185</u>	<u>1,070</u>
SUBTOTAL MAINTENANCE	6,962	84,624	6,865	81,807	7,035	82,349
4. FOREIGN CURRENCY SAVINGS						
5. APPROPRIATION	11,278	137,081	11,398	135,822	11,321	132,527
6. REIMBURSABLE PROGRAM	<u>62</u>	<u>758</u>	<u>84</u>	<u>1,000</u>	<u>85</u>	<u>1,000</u>
7. TOTAL O&M PROGRAM	11,340	137,839	11,482	136,822	11,407	133,527

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
OPERATION AND MAINTENANCE, SUMMARY (FOREIGN)  
*Excludes Leased Units and Costs*  
FY 2000

A. INVENTORY DATA	FY 1998 OBLIGATION		FY 1999 CURRENT ESTIMATE		FY 2000 BUDGET REQUEST	
INVENTORY BEGINNING OF YEAR	28,787		28,646		27,592	
INVENTORY END OF YEAR	28,646		27,592		25,719	
AVERAGE INVENTORY	28,717		28,119		26,656	
B. FUNDING REQUIREMENT	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)	UNIT COST (\$)	TOTAL COST (\$000)
1. OPERATION						
a. Management	844	24,237	850	23,904	954	25,442
b. Services	563	16,158	582	16,377	676	18,016
c. Furnishings	1,043	29,958	1,054	29,624	1,131	30,135
d. Miscellaneous	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
SUBTOTAL - OPERATION	2,450	70,353	2,486	69,905	2,761	73,593
2. UTILITIES	2,961	85,020	3,124	87,844	3,152	84,013
3. MAINTENANCE						
a. Annual Recurring M&R	1,610	46,220	1,658	58,123	1,694	59,053
b. Major M&R Projects	1,350	38,770	1,186	33,360	1,707	45,503
c. Exterior Utilities	75	2,152	77	2,662	79	2,704
d. M&R, Other Real Prop.	201	5,778	207	10,797	212	10,970
e. Alts. & Additions	<u>25</u>	<u>718</u>	<u>26</u>	<u>1,836</u>	<u>26</u>	<u>1,865</u>
SUBTOTAL MAINTENANCE	3,261	93,638	3,797	106,778	4,505	120,095
4. FOREIGN CURRENCY SAVINGS		(17,300)				
5. APPROPRIATION	8,069	231,711	9,407	264,527	10,418	277,702
6. REIMBURSABLE PROGRAM	<u>151</u>	<u>4,339</u>	<u>178</u>	<u>5,000</u>	<u>188</u>	<u>5,000</u>
7. TOTAL O&M PROGRAM	7,618	218,750	9,585	269,527	10,606	282,702

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE

FOREIGN CURRENCY EXCHANGE DATA  
FY 2000 Budget Estimate  
Family Housing, Army  
(\$ in Thousands)

<u>Country</u>	<u>FY 1998</u>		<u>FY 1999</u>		<u>FY 2000</u>	
	<u>U.S. \$</u> <u>Requiring</u> <u>Conversion</u>	<u>Approved</u> <u>Execution</u> <u>Rates</u>	<u>U.S. \$</u> <u>Requiring</u> <u>Conversion</u>	<u>Approved</u> <u>Execution</u> <u>Rates</u>	<u>U.S. \$</u> <u>Requiring</u> <u>Conversion</u>	<u>Approved</u> <u>Execution</u> <u>Rates</u>
BE Belgium (Franc)	8,402	37.25	10,706	38.65	11,705	35.35
GM Germany (Unified) (Mark)	229,559	1.81	238,078	1.92	267,454	1.71
IT Italy (Lira)	10,367	1,759.00	11,607	1,888.19	12,930	1,695.00
JA Japan (Yen)	7,240	121.17	6,240	140.59	7,129	123.05
KS Korea (Won)	19,290	907.60	14,174	1,446.75	16,504	1,242.50
NL Netherlands (Guilder)	<u>7,521</u>	<u>2.03</u>	<u>8,145</u>	<u>2.17</u>	<u>9,139</u>	<u>1.93</u>
Total	282,379		288,950		324,860	



ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE

**ARMY FAMILY HOUSING**  
**FY 2000 BUDGET ESTIMATE**  
**HISTORIC HOUSING COSTS**

	DU's	(\$000) FY 2000
a. Non GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	0	0
- Maintenance and Repair:	3,892	51,776
B. GFOQ Dwelling Units (DU's)		
- Line-item Improvements:	0	0
- Maintenance and Repair:	166	5,800
C. Grand Total	4,058	57,576

This exhibit provides information regarding maintenance and repair costs to housing units designated as historically significant under provisions of the National Historical Preservation Act, P.L. 89-665 as amended. The costs for all units include recurring maintenance and repair, major repairs, incidental improvements, and major improvements/renovations.

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
OPERATION ACCOUNT

	(\$ in Thousands)
FY 2000 Budget Request	\$185,620
FY 1999 Current Estimate	\$190,378
FY 1999 Appropriation	\$177,218

The operation account represents the day-to-day cost of providing family housing services. The FY 2000 program was developed using prescribed inflation, civilian pay raise, and foreign currency formulation rates. The account includes all costs for implementation of the Residential Communities Initiative (RCI). Reductions have also been made for the units that are to be transferred to a private entity under the RCI plan throughout this budget year. Those reductions are being used to defray MPA and RCI implementation costs. Each operation sub-account is described on the following pages:

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ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 MANAGEMENT SUB-ACCOUNT

	(\$ in Thousands)
FY 2000 Budget Request	\$92,453
FY 1999 Current Estimate	\$91,339
FY 1999 Appropriation	\$80,089

The FY 2000 request includes funding for the increased costs of Residential Communities Initiative (RCI) implementation as well as the required level of effort for housing staffs, referral services, housing surveys, and project planning. Pricing adjustments in the Exhibit OP-5 for this account are based on OSD prescribed pay and 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.

The increase in FY 2000 is due to RCI implementation. These costs include contract management, feasibility studies, environmental assessments, and requests for qualifications.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 MANAGEMENT SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 1998 Obligation</b>	<b>[92,882]</b>
2. <b>FY 1999 Appropriation</b>	<b>80,089</b>
3. Program Adjustment: Reprogramming with congressional notification for DFAS bill; and RCI program development (consultants; business plans, contracting, environmental assessments; historical processing)	+11,250
4. <b>FY 1999 Current Estimate</b>	<b>91,339</b>
5. Price Adjustments: Pay and non-pay inflation; foreign currency	+1,699
6. Program Adjustments:	-585
a. Decreases: Reduce inventory(-6,644 average number of units) and adjust for change in DFAS customer rates	-4,265
b. Increase: implement privatization program, feasibility studies, environmental assessments, requests for qualifications, construction oversight, and project support	+3,680
7. <b>FY 2000 Budget Request</b>	<b>92,453</b>

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 SERVICES SUB-ACCOUNT

	(\$ in Thousands)
FY 2000 Budget Request	\$47,715
FY 1999 Current Estimate	\$52,116
FY 1999 Appropriation	\$52,222

The FY 2000 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.

Program decreases are a result of base closures and the beginning implementation of the Residential Communities Initiative (RCI).

A minor increase to provide fire and police protection support for the initial privatized units.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 SERVICES SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 1998 Obligation</b>	<b>[49,979]</b>
2. <b>FY 1999 Appropriation</b>	<b>52,222</b>
3. Below threshold reprogramming	-106
4. <b>FY 1999 Current Estimate</b>	<b>52,116</b>
5. Price adjustment: non-pay inflation and foreign currency	+317
6. Program adjustments:	
a. Decrease due to inventory reduction (-6,644 average number of units); includes units to be privatized	-5,568
b. Restore only fire and police protection support costs for units to be privatized.	+850
7. <b>FY 2000 Budget Request</b>	<b>47,715</b>

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 FURNISHINGS SUB-ACCOUNT

	(\$ in Thousands)
FY 2000 Budget Request	\$44,970
FY 1999 Current Estimate	\$46,204
FY 1999 Appropriation	\$44,492

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 Outside Coterminous U.S. (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 and foreign currency rates. Program decreases are a result of the Residential Communities Initiative (RCI) and base closures. The Army also plans to demolish additional dwelling units deemed uneconomical to repair. 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.



ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 FURNISHINGS SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

\$ In Thousands

1. <b>FY 1998 Obligation</b>	<b>[47,271]</b>
2. <b>FY 1999 Appropriation</b>	<b>44,492</b>
3. Below threshold reprogramming	+1,712
4. <b>FY 1999 Current Estimate</b>	<b>46,204</b>
5. Price Adjustment: Pay and non-pay inflation; foreign currency	+935
6. Program adjustment: Inventory reduction (-6,644 average number of units)	-2,169
7. <b>FY 2000 Budget Request</b>	<b>44,970</b>

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 MISCELLANEOUS SUB-ACCOUNT

(\$ in Thousands)	
FY 2000 Budget Request	\$482
FY 1999 Current Estimate	\$719
FY 1999 Appropriation	\$415

The Miscellaneous sub-account includes funds for payment to non-Department of Defense agencies for housing provided to U.S. soldiers. The FY 2000 request will fund housing provided by the U.S. Coast Guard (USCG) for Army soldier families in Massachusetts, California and Florida. Pricing adjustments in the Exhibit OP-5 are based on OSD prescribed pay inflation factors.

The substantial decrease to the FY 2000 program is due to termination of the FY 1999 requirement to house soldier families at Borinquen, Puerto Rico.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE  
 OPERATION ACCOUNT  
 MISCELLANEOUS SUB-ACCOUNT (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
 EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 1998 Obligation</b>	<b>[687]</b>
2. <b>FY 1999 Appropriation</b>	<b>415</b>
3. Program adjustment: reprogramming with congressional notification	+304
4. <b>FY 1999 Current Estimate</b>	<b>719</b>
5. Price adjustment: pay inflation	+14
6. Program adjustment: Requirement to house soldier families in USCG housing, Borinquen, Puerto Rico terminated. Reduced requirement in Miami, FL	-251
7. <b>FY 2000 Budget Request</b>	<b>482</b>

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
UTILITIES ACCOUNT

	(\$ in Thousands)
FY 2000 Budget Request	\$220,952
FY 1999 Current Estimate	\$235,516
FY 1999 Appropriation	\$250,407

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 and non-fuel inflation are computed at the OSD prescribed rates. Inventory reductions are due to the Residential Communities Initiative, BRAC, and continuing efforts to divest housing, which is excess to requirements or is not economically feasible to repair. Program increase provides utilities for privatized units at Fort Carson.

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
UTILITIES (Continued)

RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 1998 Obligation</b>	<b>[230,176]</b>
2. <b>FY 1999 Appropriation</b>	<b>250,407</b>
3. Below threshold reprogramming	-14,891
4. <b>FY 1999 Current Estimate</b>	<b>235,516</b>
5. Price Adjustments: Non-pay inflation, fuel inflation and foreign currency	+2,929
6. Program Adjustments:	-17,493
a. Decrease due to inventory reduction (-6,644 average number of units)	-17,145
b. Energy Conservation	-3,458
c. Increase program to support privatized inventory at Ft. Carson	+3,110
7. <b>FY 2000 Budget Request</b>	<b>220,952</b>

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
MAINTENANCE AND REPAIR ACCOUNT

	(\$ in Thousands)
FY 2000 Budget Request	\$469,211
FY 1999 Current Estimate	\$455,071
FY 1999 Appropriation	\$466,114

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 increase over the FY 1999 current estimate brings the FY 2000 program to sustainment level. There are enough maintenance and repair dollars to stop further deterioration of the existing owned inventory, to keep units safe for assignment.

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 into one project, minimizing quarters downtime and frequent disruptions to residents for piece-meal work.

In the U.S., installations scheduled for Residential Communities Initiative (RCI) projects in FY 2002-2005 will be sustained at a minimum maintenance level until they are privatized. There will be no major renovations or construction except for life/safety issues at FY 2000-2001 RCI installations.

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
MAINTENANCE AND REPAIR ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 1998 Obligation</b>	<b>[475,480]</b>
2. <b>FY 1999 Conference</b>	<b>467,914</b>
3. Congressional Adjustments:	
Revised economic assumptions	-3,000
Emergency Supplemental	1,200
4. <b>FY 1999 Appropriation</b>	<b>466,114</b>
5. Below threshold reprogramming	-11,043
6. <b>FY 1999 Current Estimate</b>	<b>455,071</b>
7. Price Adjustments: Non-pay inflation and foreign currency.	+3,501
8. Program Adjustments:	
a. Decrease due to inventory reduction (-6,644 average unit decrease)	-34,724
b. Increase for sustainment shortfall	+45,363
9. <b>FY 2000 Budget Request</b>	<b>469,211</b>

1. COMPONENT ARMY		FY 2000 MILITARY CONSTRUCTION PROJECT DATA		2. DATE February 1999	
3. INSTALLATION AND LOCATION Various Locations - World-wide			4. PROJECT TITLE AFH Maintenance and Repair Projects over \$20,000 per Dwelling Unit		
5. PROGRAM ELEMENT  887420	6. CATEGORY CODE  771	7. PROJECT NUMBER Congressional Report Request		8. PROJECT COST (\$000)  \$95,040.0	
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>Projects for Repairs to</u>  Family Housing Dwelling Units (Non General/Flag Officer Qtrs (GFOQ))		DU	963	--	\$95,040.0
<b>10. Description of Proposed Construction</b> <p>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.</p>					
<b>11. Requirement for Project:</b> <p>PROJECT: Provides repair in 963 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 2000/2001 has been deleted.</p>					



1. COMPONENT ARMY	FY 2000 MILITARY CONSTRUCTION PROJECT DATA	2. DATE February 1999
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
<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 128 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 105-647, July 24, 1998, 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 2000.</p>		

<b>1. COMPONENT ARMY</b>	<b>FY 2000 MILITARY CONSTRUCTION PROJECT DATA</b>	<b>2. DATE</b> <b>February 1999</b>					
<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><b>Georgia</b></u>							
Fort Benning Historical (PN 51050)	74	1934	70.6	2,276	168,424	5,225.0	0.0
Repair dwelling units by renovation of the units and associated garage to include the repair or replacement of drywall, windows, doors, gutters and downspouts, roof structure, support beams, soffits, fascia, flooring and floor coverings, ceramic tile, components of the electrical mechanical, and sanitary systems, and asbestos materials, painting and cleaning as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Fort Benning Historical (PN 51054)	33	1932	84.8	2,154	71,082	2,800.0	0.0
Repair dwelling units by renovation of the units and associated garage to include the repair or replacement of drywall, windows, doors, gutters and downspouts, roof structure, support beams, soffits, fascia, flooring and floor coverings, ceramic tile, components of the electrical mechanical, and sanitary systems, and asbestos materials painting and cleaning as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Fort Benning Historical (PN 51056)	31	1934	81.2	2,652	82,212	2,517.0	0.0
Repair dwelling units by renovation of the units and associated garage to include the repair or replacement of drywall, windows, doors, gutters and downspouts, roof structure, support beams, soffits, fascia, flooring and floor coverings, ceramic tile, components of the electrical mechanical, and sanitary systems, and asbestos materials, painting and cleaning as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Fort Benning Historical (PN 51057)	120	1935	70.3	1,914	229,680	8,438.0	0.0
Repair dwelling units by renovation of the units and associated garage to include the repair or replacement of drywall, windows, doors, gutters and downspouts, roof structure, support beams, soffits, fascia, flooring and floor coverings, ceramic tile, components of the electrical mechanical, and sanitary systems, and asbestos materials, painting and cleaning as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							

1. COMPONENT ARMY	FY 2000 MILITARY CONSTRUCTION PROJECT DATA					2. DATE February 1999	
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 <u>INSTALLATION</u>	NO. D.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>
Fort Benning Historical (PN 51059)	18	1931	80.6	992	17,856	1,450.0	0.0
Repair dwelling units by renovation of the units and associated garage to include the repair or replacement of drywall, windows, doors, gutters and downspouts, roof structure, support beams, soffits, fascia, flooring and floor coverings, ceramic tile, components of the electrical mechanical, and sanitary systems, and asbestos materials, painting and cleaning as required. Major maintenance and repair plus post acquisition construction for the past five years: None.							
Fort Benning (PN 51060)	58	1924	27.6	403	23,374	1,600.0	0.0
Repair metal garages with their complete replacement which are a serious safety hazard and are in danger of falling down. Major maintenance and repair plus post acquisition construction for the past five years: None.							
<u>HAWAII</u>							
Fort Shafter Historical (PN 51369)	6	1907 - 1924	135.0	2,773	16,635	810.0	0.0
Repair dwelling units by renovation of the kitchens to include the repair or replacement of cabinets, countertops, sink, faucets, garbage disposals, rangehoods, flooring and floor coverings, components of electrical and sanitary systems, painting as required. Project also includes the repair and replacement of various termite damaged structural members (wood beams, joists, walls, rafters, etc). Major maintenance and repair plus post acquisition construction for the past five years: None.							
<u>NEW YORK</u>							
United States Military Academy Historical (PN 51427)	2	1870	25.0	2,672	5,344	50.0	0.0
Repair dwelling units with the replacement of the single pipe, steam heating system with a gas fired, zoned, forced hot water heating system. Major maintenance and repair plus post acquisition construction for the past five years: None.							

<b>1. COMPONENT</b>  ARMY	<b>FY 2000 MILITARY CONSTRUCTION PROJECTS DATA</b>	<b>2. DATE</b> February 1999																																																																																								
<b>3. INSTALLATION AND LOCATION</b> Various Locations - World-wide																																																																																										
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<p>DESCRIPTION OF WORK TO BE ACCOMPLISHED</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">STATE <u>INSTALLATION</u></th> <th style="text-align: center;">NO. <u>D.U.</u></th> <th style="text-align: center;">YEAR <u>BUILT</u></th> <th style="text-align: center;">(\$000) AVG D.U. <u>COST</u></th> <th style="text-align: center;">AVG D.U. <u>NSF</u></th> <th style="text-align: center;">TOTAL PROJECT <u>NSF</u></th> <th style="text-align: center;">(\$000) TOTAL <u>CWE</u></th> <th style="text-align: center;">(\$000) CONCUR <u>PAC</u></th> </tr> </thead> <tbody> <tr> <td>United States Military Academy Historical (PN 51428)</td> <td style="text-align: center;">2</td> <td style="text-align: center;">1870</td> <td style="text-align: center;">25.0</td> <td style="text-align: center;">2,536</td> <td style="text-align: center;">5,072</td> <td style="text-align: center;">50.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="8" style="padding-top: 10px;">           Repair dwelling units with the replacement of the single pipe, steam heating system with a gas fired, zoned, and forced hot water heating system. Major maintenance and repair plus post acquisition construction for the past five years: None.         </td> </tr> <tr> <td colspan="8" style="padding-top: 10px;"> <b><u>TEXAS</u></b> </td> </tr> <tr> <td>Fort Sam Houston Historical (PN 51372)</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1881</td> <td style="text-align: center;">213.0</td> <td style="text-align: center;">2,441</td> <td style="text-align: center;">2,441</td> <td style="text-align: center;">213.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="8" style="padding-top: 10px;">           Repair dwelling unit, Quarters 7, Staff Post, by renovation of the kitchen and bathrooms to include the repair or replacement of kitchen and bathroom cabinets, countertops, fixtures, flooring and floor coverings, components of the electrical and sanitary systems, water lines, and painting as required. Work also includes the abatement of lead-base paint. Major maintenance and repair plus post acquisition construction for the past five years: None.         </td> </tr> <tr> <td>Fort Sam Houston Historical (PN 51406)</td> <td style="text-align: center;">1</td> <td style="text-align: center;">1881</td> <td style="text-align: center;">231.0</td> <td style="text-align: center;">3,749</td> <td style="text-align: center;">3,749</td> <td style="text-align: center;">231.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="8" style="padding-top: 10px;">           Repair dwelling unit, Quarters 8, Staff Post, by renovation of the kitchen and bathrooms to include the repair or replacement of kitchen and bathroom cabinets, countertops, fixtures, flooring and floor coverings, components of the electrical and sanitary systems, water lines, and painting as required. Work also includes the abatement of lead-base paint. Major maintenance and repair plus post acquisition construction for the past five years: None.         </td> </tr> <tr> <td colspan="8" style="padding-top: 10px;"> <b><u>GERMANY</u></b> (\$/DM 1.71)         </td> </tr> <tr> <td>Ansbach (PN 46442)</td> <td style="text-align: center;">10</td> <td style="text-align: center;">1936</td> <td style="text-align: center;">115.5</td> <td style="text-align: center;">1,181</td> <td style="text-align: center;">11,806</td> <td style="text-align: center;">1,207.0</td> <td style="text-align: center;">0.0</td> </tr> <tr> <td colspan="8" style="padding-top: 10px;">           Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, patios, painting the building exterior and interior, and cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.         </td> </tr> </tbody> </table>			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>	United States Military Academy Historical (PN 51428)	2	1870	25.0	2,536	5,072	50.0	0.0	Repair dwelling units with the replacement of the single pipe, steam heating system with a gas fired, zoned, and forced hot water heating system. Major maintenance and repair plus post acquisition construction for the past five years: None.								<b><u>TEXAS</u></b>								Fort Sam Houston Historical (PN 51372)	1	1881	213.0	2,441	2,441	213.0	0.0	Repair dwelling unit, Quarters 7, Staff Post, by renovation of the kitchen and bathrooms to include the repair or replacement of kitchen and bathroom cabinets, countertops, fixtures, flooring and floor coverings, components of the electrical and sanitary systems, water lines, and painting as required. Work also includes the abatement of lead-base paint. Major maintenance and repair plus post acquisition construction for the past five years: None.								Fort Sam Houston Historical (PN 51406)	1	1881	231.0	3,749	3,749	231.0	0.0	Repair dwelling unit, Quarters 8, Staff Post, by renovation of the kitchen and bathrooms to include the repair or replacement of kitchen and bathroom cabinets, countertops, fixtures, flooring and floor coverings, components of the electrical and sanitary systems, water lines, and painting as required. Work also includes the abatement of lead-base paint. Major maintenance and repair plus post acquisition construction for the past five years: None.								<b><u>GERMANY</u></b> (\$/DM 1.71)								Ansbach (PN 46442)	10	1936	115.5	1,181	11,806	1,207.0	0.0	Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, patios, painting the building exterior and interior, and cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
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>																																																																																			
United States Military Academy Historical (PN 51428)	2	1870	25.0	2,536	5,072	50.0	0.0																																																																																			
Repair dwelling units with the replacement of the single pipe, steam heating system with a gas fired, zoned, and forced hot water heating system. Major maintenance and repair plus post acquisition construction for the past five years: None.																																																																																										
<b><u>TEXAS</u></b>																																																																																										
Fort Sam Houston Historical (PN 51372)	1	1881	213.0	2,441	2,441	213.0	0.0																																																																																			
Repair dwelling unit, Quarters 7, Staff Post, by renovation of the kitchen and bathrooms to include the repair or replacement of kitchen and bathroom cabinets, countertops, fixtures, flooring and floor coverings, components of the electrical and sanitary systems, water lines, and painting as required. Work also includes the abatement of lead-base paint. Major maintenance and repair plus post acquisition construction for the past five years: None.																																																																																										
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1. COMPONENT  ARMY	FY 2000 MILITARY CONSTRUCTION PROJECT DATA					2. DATE February 1999		
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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>	
Darmstadt (PN 50997)	45	1954	151.6	1,310	58,950	7,126.0	0.0	
Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. This project will rearrange and reconfigure the number of apartments (54 units to 45 units by reducing the number of two-bedroom units and increasing the number of four-bedroom units), and bedrooms within each apartment, to meet current standards. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								
Giessen (PN 50999)	30	1954 & 1956	157.7	1,507	45,210	4,942.0	0.0	
Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. This project will rearrange and reconfigure the number of apartments (36 units to 30 units by reducing the number of two-bedroom units and increasing the number of four-bedroom units), and bedrooms within each apartment, to meet current standards. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								
Grafenwoehr (PN 51185)	13	1911 & 1956	161.5	1,451	18,865	2,194.0	0.0	
Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. This project will rearrange and reconfigure the number of apartments (15 units to 13 units by reducing the number of two-bedroom units and increasing the number of four-bedroom units), and bedrooms within each apartment, to meet current standards. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.								

1. COMPONENT  ARMY	FY 2000 MILITARY CONSTRUCTION PROJECT DATA					2. DATE February 1999	
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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>
Hanau (PN 50994)	45	1954	153.8	1,310	58,950	7,230.0	0.0
<p>Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, construction of a bathroom with shower, providing space for a washer and dryer, abatement of lead-based paint and asbestos, and cleanup as required. This project will rearrange and reconfigure the number of apartments (54 units to 45 units by reducing the number of two-bedroom units and increasing the number of four-bedroom units), and bedrooms within each apartment, to meet current standards. Scope of work also includes repair or replacement of parking and street paving, underground utilities (electric, water, and sewer), landscaping, and play areas with amenities. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							
Heidelberg (PN 49620)	58	1953 - 1955	102.9	993	57,616	6,238.0	0.0
<p>Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, and landscaping. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							
Hohenfels (PN 51226)	18	1955	59.6	975	17,556	1,121.0	0.0
<p>Repair dwelling units by the repair or replacement of bathroom cabinets, flooring and floor covering, doors, windows, built-in cabinets, components of the electrical, mechanical, water, and sanitary systems, interior wall plaster, abatement of lead-based paint, painting and cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							
Hohenfels (PN 51227)	36	1957 & 1976	68.1	1,037	37,344	2,560.0	0.0
<p>Repair dwelling units by the repair or replacement of bathroom cabinets, flooring and floor covering, doors, windows, built-in cabinets, components of the electrical, mechanical, water, and sanitary systems, interior wall plaster, abatement of lead-based paint, painting and cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.</p>							

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Mannheim (PN 49478)	54	1954	114.8	1,002	54,108	6,478.0	0.0
Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of parking and street paving, and landscaping. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Schweinfurt (PN 49237)	36	1955	88.9	968	34,847	3,344.0	0.0
Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of sidewalks, playgrounds, and landscaping. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Schweinfurt (PN 49239)	36	1955	97.8	968	34,847	3,678.0	0.0
Repair dwelling units by the repair or replacement of interior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of sidewalks, playgrounds, and landscaping. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Vilseck (PN 51129)	18	1980	72.2	1,178	21,204	1,358.0	0.0
Repair dwelling units by the repair or replacement of interior and exterior plaster, flooring, floor and wall tiles, doors and entry steps, windows, roof components, insulation, built-in bathroom and kitchen cabinets and closets, components of the electrical, mechanical, water, and sanitary systems, balconies, painting the building exterior and interior, roofing, install laundry facilities to includes doors and hardware, abatement of lead-based paint and asbestos, and cleanup as required. Scope of work also includes repair or replacement of sidewalks, playgrounds, and landscaping. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							



1. COMPONENT ARMY	FY 2000 MILITARY CONSTRUCTION PROJECT DATA					2. DATE February 1999	
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<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>
<b><u>JAPAN</u></b> (\$/yen 123.05)							
Camp Zama (PN 51286)	9	1974	174.9	1,432	12,888	1,669.0	0.0
Repair dwelling units by the repair or replacement of kitchen and bathroom cabinets, countertops, backsplash, fixtures, exhaust system, doors, windows, floors and floor coverings to include complete replacement of the floor structure, components of the electrical, mechanical, water, and sanitary systems, structural repairs to exterior walls and roof system including rafters, shingles, fascia, gutters and downspouts, interior and exterior painting, cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Sagamihara (PN 51285)	4	1951	145.0	1,121	4,482	615.0	0.0
Repair dwelling units by the repair or replacement of kitchen and bathroom cabinets, countertops, backsplash, fixtures, exhaust system, doors, windows, floors and floor coverings to include complete replacement of the floor structure, components of the electrical, mechanical, water, and sanitary systems, structural repairs to exterior walls and roof system, interior and exterior painting, cleanup as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
<b><u>KOREA</u></b> (\$/WON 1,242.50)							
Camp Walker (PN 51451)	86	1959	52.5	1,328	114,200	4,876.0	0.0
Repair dwelling units by the repair or replacement of the roof structure which includes soffits, fascia boards, sheathing, ridge beam, roofing felt, roofing material, vents, gutters and downspouts, painting and clean-up as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							
Yongsan (PN51483)	4	1965	250.0	1,543	6,172	1,080.0	0.0
Repair dwelling units by the repair or replacement of kitchen and bathroom cabinets, countertops, fixtures, and other components, range hood and exhaust system, doors, windows, flooring and floor coverings, roof structure, roofing, ridge exterior insulation, gutter and downspouts, foundation drainage, components of the electrical, mechanical, water, and sanitary systems, interior and exterior painting, and clean-up as required. Major maintenance and repair plus post acquisition construction for the past 5 years: None.							

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE

FEBRUARY 1999

GENERAL/FLAG OFFICER QUARTERS (GFOQs)  
ESTIMATED MAINTENANCE AND REPAIRS  
EXCEEDING \$25,000 PER DWELLING UNIT

The project list in this section is provided in accordance with the reporting requirement stated in House Conference Report 105-647, July 24, 1998. This section provides information regarding the anticipated costs for those GFOQs where maintenance and repair obligations in FY 2000 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. Sixty-two GFOQs are listed with a total maintenance and repair cost of \$5,650,230. GFOQs at Residential Communities Initiative (RCI) installations programmed in FY 2000/2001 have not been included in this submission.

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 current 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 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 GENERAL FLAG OFFICERS QUARTERS

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

ARIZONA

Fort Huachuca  
 (PN 48100)

135 Grierson	3,332	yes	1884	\$36,900	-	-
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Maintenance and repairs include service calls - \$2,400; routine and preventative maintenance - \$2,400; partial interior painting - \$300; major repairs include replacement of antiquated wiring (receptacles, switches, smoke detector, communications wiring/ cable, exhaust fans, adding carbon monoxide detector, upgrade of quarters electric service to meet fire, electrical, and safety codes) - \$30,000; grounds maintenance - \$1,800.

(PN 48100)

137 Grierson	4,036	yes	1884	\$36,900	-	-
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Maintenance and repairs include service calls - \$2,400; routine and preventative maintenance - \$2,400; partial interior painting - \$300; major repairs include replacement of antiquated wiring (receptacles, switches, smoke detector, communications wiring/ cable, exhaust fans, adding carbon monoxide detector, upgrade of quarters electric service to meet fire, electrical, and safety codes) - \$30,000; grounds maintenance - \$1,800.

(PN 48100)

139 Grierson	3,119	yes	1884	\$40,100	-	-
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Maintenance and repairs include service calls - \$2,000; routine and preventative maintenance - \$2,300; interior painting - \$4,000; major repairs include replacement of antiquated wiring (receptacles, switches, smoke detector, communications wiring/ cable, exhaust fans, adding carbon monoxide detector, upgrade of quarters electric service to meet fire, electrical, and safety codes) - \$30,000; grounds maintenance - \$1,800.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 GENERAL FLAG OFFICERS QUARTERS      (Continued)

STATE

INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

DISTRICT OF COLUMBIA

Fort McNair

(PN 49233)

1 Second Ave	3,184	yes	1903	\$70,000	-	-
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Maintenance and repairs include service calls - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000.

(PN 49233/49218)

2 Second Ave	3,184	yes	1905	\$116,000	-	-
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$10,000; interior painting - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; renovation of the master bath - \$20,000; grounds maintenance while vacant - \$1,000.

(PN 49233/49218)

3 Second Ave	3,184	yes	1905	\$111,800	-	-
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$10,800; interior painting - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; renovation of the master bath - \$15,000; grounds maintenance while vacant - \$1,000.

(PN 49233)

4 Second Ave	3,169	yes	1903	\$91,000	-	-
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Maintenance and repairs include service calls - \$10,000; routine maintenance and change of occupancy maintenance - \$15,000; interior painting - \$10,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; grounds maintenance while vacant - \$1,000.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 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)

(PN 49233/49218)

5 Second Ave	3,197	yes	1903	\$112,000	-	-
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Maintenance and repairs include service calls - \$11,000; routine maintenance and change of occupancy maintenance - \$15,000; interior painting - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; renovation of the guest bath - \$15,000; grounds maintenance while vacant - \$1,000.

Ft McNair

(PN 49233)

6 Second Ave	3,197	yes	1903	\$96,000	-	-
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Maintenance and repairs include service calls - \$10,000; routine maintenance and change of occupancy maintenance - \$15,000; interior painting - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; grounds maintenance while vacant - \$1,000.

(PN 49233/49218)

7 Second Ave	4,436	yes	1903	\$113,500	-	-
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Maintenance and repairs include service calls - \$10,000; routine maintenance and change of occupancy maintenance - \$15,000; interior painting - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; replace sunporch window - \$14,500; insulate the attic - \$3,000; grounds maintenance while vacant - \$1,000.

(PN 49233)

8 Second Ave	4,057	yes	1903	\$73,000	-	-
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Maintenance and repairs include service calls - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; insulate the attic - \$3,000.

(PN 49233)

9 Second Ave	4,278	yes	1903	\$108,000	-	-
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ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 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)  
 Ft McNair (cont'd)

Maintenance and repairs include service calls - \$10,000; routine maintenance and change of occupancy maintenance - \$15,000; interior painting - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; replacing the pipes - \$12,000; grounds maintenance while vacant - \$1,000.

(PN 49233)

10 Second Ave	3,169	yes	1903	\$70,000	-	-
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Maintenance and repairs include service calls - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000.

(PN 49233)

11 Second Ave	3,169	yes	1903	\$70,000	-	-
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Maintenance and repairs include service calls - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000.

(PN 49233)

12 Second Ave	3,169	yes	1903	\$96,000	-	-
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$10,000; interior painting - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; grounds maintenance while vacant - \$1,000.

(PN 49233)

13 Second Ave	3,169	yes	1903	\$99,000	-	-
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$10,000; interior painting - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; insulate the attic - \$3,000; grounds maintenance while vacant - \$1,000.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE

INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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DISTRICT OF COLUMBIA (cont'd)

Ft McNair (cont'd)  
 (PN 49233)

14 Second Ave	3,169	yes	1903	\$73,000	-	-
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Maintenance and repairs include service calls - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; insulate the attic- \$3,000.

(PN 49233)

15 Second Ave	3,169	yes	1903	\$73,000	-	-
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Maintenance and repairs include service calls - \$15,000; major repairs include waterproofing the basement - \$35,000; repointing the brick - \$20,000; insulate the attic- \$3,000.

Quarters 1	4,016	no	1910	\$76,900	-	-
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DISTRICT OF COLUMBIA

Walter Reed Army Medical Center  
 (PN 42546)

Maintenance and repairs include service calls - \$1,400; routine maintenance and change of occupancy maintenance - \$20,600; interior painting - \$3,500; major repairs include roof replacement -\$50,000; grounds maintenance - \$900; self-help - \$500.

(PN 42546R/49037)

Quarters 2	4,186	no	1910	\$135,100	-	-
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Maintenance and repairs include service calls - \$1,400; routine maintenance and change of occupancy maintenance - \$4,300; interior painting - \$3,500; major repairs include roof replacement, window replacement - \$125,000; grounds maintenance - \$400; self-help - \$500.

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

GEORGIA

Fort Gordon  
(PN 51316)

4 Boardman	2,556	no	1928	\$37,400	-	-
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Maintenance and repairs include service calls - \$4,500; routine maintenance and change of occupancy maintenance - \$1,100; interior painting - \$1,500; major repairs include repair of deteriorated windows on the 2nd floor, lead-based paint abatement, and replacing window trim with vinyl covering - \$26,400; self-help - \$100; exterior utilities maintenance - \$400; grounds maintenance - \$3,400.

HAWAII

Fort Shafter  
(PN 51338)

3 Palm Circle	3,900	yes	1907	\$214,500	-	-
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Maintenance and repairs include service calls - \$5,000; routine maintenance and change of occupancy maintenance - \$8,800; interior painting - \$5,000; major repairs include termite structural repairs, kitchen renovation, bathroom renovations (3 ½ baths) - \$190,000; grounds maintenance - \$5,700.

(PN 51339)

4 Palm Circle	3,480	yes	1907	\$180,300	-	-
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Maintenance and repairs include service calls - \$3,500; routine maintenance and change of occupancy maintenance - \$10,300; interior painting - \$5,000; major repairs include termite structural repairs, kitchen renovation, bathroom renovations (2 ½ baths) - \$155,800; grounds maintenance - \$5,700.

(PN 51340)

5 Palm Circle	6,940	yes	1908	\$284,500	-	-
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Maintenance and repairs include service calls - \$3,000; routine maintenance and change of occupancy maintenance - \$10,000; interior painting - \$5,000; major repairs include termite structural repairs, kitchen renovation, bathroom renovations (5 ½ baths) - \$259,600; grounds maintenance - \$6,900.



ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

HAWAII (Cont'd)

Fort Shafter (cont'd)

(PN 51341)

6 Palm Circle	3,779	yes	1907	\$213,500	-	-
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Maintenance and repairs include service calls - \$5,000; routine and preventative maintenance - \$14,000; major repairs include termite structural repairs, kitchen renovation, bathroom renovations (3 ½ baths) - \$188,800; grounds maintenance - \$5,700.

(PN 51342)

8 Palm Circle	4,539	yes	1908	\$193,800	-	-
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Maintenance and repairs include service calls - \$3,000; routine maintenance and change of occupancy maintenance - \$6,300; interior painting - \$10,000; major repairs include termite structural repairs, kitchen renovation, bathroom renovations (2 ½ baths) - \$168,800; grounds maintenance - \$5,700.

KANSAS

Ft Leavenworth

(PN 51324)

611 Scott	4,966	yes	1841	\$41,500	-	-
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Maintenance and repair includes service calls - \$1,500; routine maintenance and change of occupancy maintenance - \$5,600; partial interior painting - \$3,500; major repairs include repair of 1,500 sq. ft. porch floor, replace a 1600 sq. ft. porch roof and repair the porch support column bases - \$30,000; grounds maintenance - \$900.

Ft Riley

1 Barry Ave	4,150	yes	1888	\$29,700	-	-
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Maintenance and repairs include service calls - \$800; routine maintenance and change of occupancy maintenance - \$3,900; major repairs include replacement of storm sewers - \$12,600; roof replacement - \$6,200; incidental improvements - \$2,900; grounds maintenance - \$3,300.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

KANSAS (Cont'd)

Ft. Riley (Cont'd)

100 Schofield	3,436	yes	1887	\$34,000	-	-
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Maintenance and repairs include service calls - \$800; routine maintenance and change of occupancy maintenance - \$2,200; major repairs include replacement of storm sewers - \$20,000; roof replacement - \$6,000; incidental improvements - \$3,000; grounds maintenance - \$2,000.

NEW JERSEY

Picatinny Arsenal  
 (PN 44570)

112 Joyes Lane	4,334	no	1909	\$49,000	-	-
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Maintenance and repairs include service calls - \$3,500; routine and preventative maintenance - \$5,500; major repairs include replacement of windows and doors - \$40,000.

(PN 49685)

113 Joyes Lane	3,585	no	1909	\$57,000	-	-
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Maintenance and repairs include service calls - \$3,500; routine and preventative maintenance - \$5,500; major repairs include replacement of deteriorated sunroom - \$48,000.

NEW YORK

West Point

102 Wash. Rd	6,674	yes	1822	\$91,000	-	-
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Maintenance and repairs include service calls - \$4,000; routine maintenance and change of occupancy maintenance - \$10,000; interior painting - \$15,000; replacement of lead glass windows - \$9,000; major repairs include exterior repairs to brick, wood, and painting - \$50,000; grounds maintenance - \$3,000.

VIRGINIA

Fort Myer

2 Washington	3,618	yes	1899	\$90,000	-	-
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ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
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)							
Maintenance and repairs include service calls - \$10,000; routine maintenance and change of occupancy maintenance - \$26,000; lead-base paint abatement - \$35,000; interior painting - \$15,000; insulate the attic - \$3,000; grounds maintenance while vacant - \$1,000.							
	5 Grant Ave	3,405	yes	1903	\$44,000	-	-
Maintenance and repairs include service calls - \$10,000; routine Maintenance and change of occupancy maintenance - \$15,000; interior painting - \$15,000; insulate the attic - \$3,000; grounds maintenance while vacant - \$1,000.							
	8 Grant Ave	4,255	yes	1903	\$100,000	-	-
Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$21,000; interior painting - \$20,000; exterior painting - \$20,000; refinish floors - \$20,000; insulate the attic - \$3,000; grounds maintenance while vacant - \$1,000.							
	11B Jackson	2,951	yes	1892	\$51,000	-	-
Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.							
	13A Jackson	1,980	yes	1903	\$51,000	-	-
Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.							
	14A Jackson	1,988	yes	1908	\$46,000	-	-
Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.							

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 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)

14B Jackson	1,927	yes	1908	\$46,000	-	-
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

15A Jackson	2,535	yes	1908	\$46,000	-	-
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

15B Jackson	2,124	yes	1908	\$46,000	-	-
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

16A Jackson	2,463	yes	1908	\$51,800	-	-
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$20,800; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

16B Jackson	2,463	yes	1908	\$51,000	-	-
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$20,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 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)

27A Jackson	3,715	yes	1903	\$46,000	-	-	
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$15,000; interior painting - \$15,000; grounds maintenance while vacant - \$1,000.

27B Lee Ave	2,718	yes	1903	\$81,800	-	-	
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Maintenance and repairs include service calls - \$15,000; routine maintenance and change of occupancy maintenance - \$20,800; interior painting - \$15,000; renovate guest bathroom - \$20,000; refinish floors - \$10,000; grounds maintenance while vacant - \$1,000.

GERMANY (\$/DM 1.71)

Heidelberg

26 Rhein Str	7,500	no	1963	\$26,330	-	-	
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Maintenance and repairs include service calls - \$4,100; routine maintenance and change of occupancy maintenance - \$8,100; replace walkway - \$11,130; exterior utilities maintenance - \$1,000; grounds maintenance - \$1,500; design costs - \$500.

Stuttgart

(PN 51235)

77 Florida	1,637	no	1957	\$100,200	-	-	
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Maintenance and repairs include service calls - \$3,000; routine maintenance and change of occupancy maintenance - \$4,100; interior painting - \$2,800; major repair project includes electrical rewiring and replacement of heating system - \$87,300; self-help \$200; design costs - \$2,800.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE INSTALLATION QTRS NO.	NET SQUARE FOOTAGE	HIS- TORIC	YEAR BUILT	MAINT & REPAIRS	LEASE	NEW WORK
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GERMANY (\$/DM 1.71) (cont'd)

Stuttgart (cont'd)

(PN 51235)

78 Florida	1,637	no	1957	\$100,300	-	-
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Maintenance and repairs include service calls - \$3,000; routine maintenance and change of occupancy maintenance - \$4,200; interior painting - \$2,800; major repair project includes electrical rewiring and replacement of heating system - \$87,300; self-help \$200; design costs - \$2,800.

(PN 51235)

79 Florida	2,152	no	1957	\$100,700	-	-
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Maintenance and repairs include service calls - \$4,000; routine maintenance and change of occupancy maintenance - \$3,300; interior painting - \$3,100; major repair project includes electrical rewiring and replacement of heating system - \$87,300; self-help \$200; design costs - \$2,800.

(PN 51235)

81 Florida	2,152	no	1957	\$102,400	-	-
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Maintenance and repairs include service calls - \$4,000; routine maintenance and change of occupancy maintenance - \$4,900; interior painting - \$3,100; major repair project includes electrical rewiring and replacement of heating system - \$87,400; self-help \$200; design costs - \$2,800.

(PN 51235)

83 Florida	2,873	no	1957	\$109,900	-	-
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Maintenance and repairs include service calls - \$5,000; routine maintenance and change of occupancy maintenance - \$4,900; interior painting - \$3,300; major repair project includes electrical rewiring and replacement of heating system - \$93,700; self-help \$200; design costs - \$2,800.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

GERMANY (\$/DM 1.71) (cont'd)

Stuttgart (cont'd)

(PN 51235)

84 Florida	1,637	no	1957	\$100,300	-	-
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Maintenance and repairs include service calls - \$3,000; routine maintenance and change of occupancy maintenance - \$4,200; interior painting - \$2,800; major repair project includes electrical rewiring and replacement of heating system - \$87,300; self-help \$200; design costs - \$2,800.

(PN 51235)

85 Florida	2,152	no	1957	\$102,300	-	-
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Maintenance and repairs include service calls - \$4,000; routine maintenance and change of occupancy maintenance - \$4,800; interior painting - \$3,100; major repair project includes electrical rewiring and replacement of heating system - \$87,400; self-help \$200; design costs - \$2,800.

(PN 51235)

86 Florida	2,152	no	1957	\$101,700	-	-
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Maintenance and repairs include service calls - \$4,000; routine maintenance and change of occupancy maintenance - \$4,800; interior painting - \$2,500; major repair project includes electrical rewiring and replacement of heating system - \$87,400; self-help \$200; design costs - \$2,800.

(PN 51235)

87 Florida	2,152	no	1957	\$102,800	-	-
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Maintenance and repairs include service calls - \$5,000; routine maintenance and change of occupancy maintenance - \$4,300; interior painting - \$3,100; major repair project includes electrical rewiring and replacement of heating system - \$87,400 self-help \$200; design costs - \$2,800.

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE							
INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &		NEW	
QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK	
KOREA (\$/Won 1242.50)							
Seoul							
(PN 51281)							
Quarters 4401	3,447	no	1959	\$116,800	-	-	

Maintenance and repairs include service calls - \$2,000; routine and preventative maintenance - \$9,000; major repairs include install/upgrade of heating, ventilation and air conditioning system - \$101,700; grounds maintenance - \$1,500; self help - \$200; other real property - \$1,000; incidental improvements - \$900; exterior utilities - \$500.

(PN 50942)							
Quarters 4421	2,777	no	1952	\$80,000	-	-	

Maintenance and repairs include service calls - \$1,500; routine and preventative maintenance - \$9,500; major repairs include complete renovation of kitchen - \$66,900; grounds maintenance - \$500; self help - \$200; other real property - \$500; incidental improvements - \$900.

(PN 51282/51384)							
Quarters 4433	3,669	no	1952	\$177,500	-	-	

Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$14,300; interior painting - \$4,500; major repairs include replacement of windows - \$30,000; replacement of the existing cold/hot water and heating galvanized plumbing system - \$122,500; grounds maintenance - \$1,000; self help - \$200; other real property - \$1000; incidental improvements - \$1,000; exterior utilities - \$1,000.



ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE	INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &	NEW	
	QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE	WORK

KOREA (cont'd)

Seoul (cont'd)

(PN 51387)

Quarters 7060A	1,761	no	1958	\$40,200	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$15,300; interior painting - \$4,500; major repairs include electrical upgrade (replacement of existing multiple panels and deteriorated wires) - \$15,000; grounds maintenance - \$900; self help - \$200; other real property - \$800; incidental improvements - \$1000; exterior utilities - \$500.

(PN 51388)

Quarters 7060B	1,761	no	1958	\$40,000	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$15,200; interior painting - \$4,500; major repairs include electrical upgrade (replacement of existing multiple panels and deteriorated wires) - \$15,000; grounds maintenance - \$900; self help - \$100; other real property - \$800; incidental improvements - \$1000; exterior utilities - \$500.

(PN 51389)

Quarters 7080	1,898	no	1958	\$60,000	-	-
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Maintenance and repairs include service calls - \$2,000; routine maintenance and change of occupancy maintenance - \$11,300; interior painting - \$4,500; major repairs include removal of the bearing wall between existing dining area and the rear porch - \$38,500; grounds maintenance - \$1,000; self help - \$200; other real property - \$1,000; incidental improvements - \$1000; exterior utilities - \$500.

ARMY FAMILY HOUSING  
 FY 2000 BUDGET ESTIMATE                      FEBRUARY 1999  
 GENERAL FLAG OFFICERS QUARTERS (Continued)

STATE							
INSTALLATION	NET SQUARE	HIS-	YEAR	MAINT &			NEW
QTRS NO.	FOOTAGE	TORIC	BUILT	REPAIRS	LEASE		WORK
JAPAN (\$/Yen 123.05)							
Camp Zama							
(PN 51284)							
Qtrs 1000	4,194	no	1955	\$313,800	-		-

Maintenance and repairs include service calls - \$500; routine maintenance and change of occupancy maintenance - \$16,200; interior painting - \$12,000; major repairs include upgrade of failing heating, ventilation, and air-conditioning system, replace deteriorated millwork, door, and windows - \$257,800; design costs - \$24,000; incidental improvements - \$3,000; grounds maintenance - \$300.

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ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
REIMBURSABLE PROGRAM

(\$ in Thousands)	
FY 2000 Budget Request	\$19,000
FY 1999 Current Estimate	\$19,000
FY 1999 Appropriation	\$17,000

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.

	<u>FY 1998</u>	<u>FY 1999 (Curr. Est)</u>	<u>FY 2000</u>
Non-Federal Sources	14,077	15,982	15,982
Federal Sources	1,963	3,018	3,018

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ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
LEASING ACCOUNT

(\$ in Thousands)	
FY 2000 Budget Request	\$222,294
FY 1999 Current Estimate	\$213,729
FY 1999 Appropriation	\$202,155

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 when these services are not part of the contract agreement.

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 \$222,294,000 to fund leases and related expenses in FY 2000. A summary of the leasing program follows:

<u>Lease Type</u>	<u>FY 1998 Obligation</u>		<u>FY 1999 Curr Est</u>		<u>FY 2000 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	119	1,728	205	3,085	205	3,085
Sec. 2835	4,080	57,461	4,080	58,302	4,080	58,267
Foreign less GRHP	8,010	125,548	8,363	129,216	8,455	136,526
GRHP	<u>1,724</u>	<u>23,314</u>	<u>1,670</u>	<u>23,126</u>	<u>1,625</u>	<u>24,416</u>
<b>Total</b>	<b>13,933</b>	<b>208,051</b>	<b>14,318</b>	<b>213,729</b>	<b>14,365</b>	<b>222,294</b>

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
LEASING ACCOUNT (continued)

JUSTIFICATION:

1. Domestic Leasing. The domestic leasing program provides temporary housing for Army families pending availability of permanent housing.
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 2000 budget request includes 4,080 occupied units.
3. Foreign Leasing. The FY 2000 total foreign leasing program request consists of 10,080 leased units. The majority of foreign leases are in Germany. Approximately 1,600 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 2000 BUDGET ESTIMATE

LEASING ACCOUNT (continued)

RECONCILIATION OF INCREASES AND DECREASES  
EXHIBIT OP-5

	<u>\$ In Thousands</u>
1. <b>FY 1998 Obligation</b>	<b>[208,051]</b>
2. <b>FY 1999 Appropriation</b>	<b>202,155</b>
3. Below threshold reprogramming	+11,574
4. <b>FY 1999 Current Estimate</b>	<b>213,729</b>
5. Price Adjustments: Pay, non-pay inflation; foreign currency	+6,836
6. Program adjustments: Inventory increased in higher cost locations such as France, Belgium, Denmark, Netherlands, Norway and Italy. Inventory decreased at lower cost locations such as Germany and Hungary.	+1,729
7. <b>FY 2000 Budget Request</b>	<b>222,294</b>



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ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE

	FY 1998 OBLIGATIONS			FY 1999 CURR EST			FY 2000 BUDGET REQUEST		
	Units	Months		Units	Months		Units	Months	
	Supported	Purchsd	(\$000)	Supported	Purchsd	(\$000)	Supported	Purchsd	(\$000)
<b>DOMESTIC LEASING</b>									
Hattiesburg, MS	34	408	508	34	408	468	34	408	468
Los Angeles, CA	0	0	0	50	600	783	50	600	783
Miami, FL	84	1,008	1,208	120	1,440	1,822	120	1,440	1,822
Newport Ammunition Plant	1	12	12	1	12	12	1	12	12
<b>Subtotal Domestic Leasing</b>	<b>119</b>	<b>1,428</b>	<b>1,728</b>	<b>205</b>	<b>2,460</b>	<b>3,085</b>	<b>205</b>	<b>2,460</b>	<b>3,085</b>
<b>Section 2835 (801)</b>									
Ft. Bragg, NC	250	3,000	2,567	250	3,000	2,635	250	3,000	2,621
Ft. Drum, NY	2,000	24,000	27,128	2,000	24,000	27,524	2,000	24,000	27,965
Ft. Hood, TX	300	3,600	2,549	300	3,600	2,598	300	3,600	2,639
Ft. McCoy, WI	80	960	1,513	80	960	1,466	80	960	1,489
Ft. Polk, LA	600	7,200	5,716	600	7,200	5,658	600	7,200	5,127
Ft. Wainwright, AK	550	6,600	14,037	550	6,600	14,440	550	6,600	14,466
Ft. Bliss, TX	300	3,600	3,951	300	3,600	3,981	300	3,600	3,960
<b>Subtotal Section 2835 (801)</b>	<b>4,080</b>	<b>48,960</b>	<b>57,461</b>	<b>4,080</b>	<b>48,960</b>	<b>58,302</b>	<b>4,080</b>	<b>48,960</b>	<b>58,267</b>
<b>Total Domestic Leasing</b>	<b>4,199</b>	<b>50,388</b>	<b>59,189</b>	<b>4,285</b>	<b>51,420</b>	<b>61,387</b>	<b>4,285</b>	<b>51,420</b>	<b>61,352</b>
<b>FOREIGN LEASING</b>									
<b>FORSCOM</b>									
Qatar	1	12	35	1	12	54	1	12	54
<b>Total FORSCOM</b>	<b>1</b>	<b>12</b>	<b>35</b>	<b>1</b>	<b>12</b>	<b>54</b>	<b>1</b>	<b>12</b>	<b>54</b>
<b>EUSA</b>									
Korea	1,181	14,172	22,009	1,181	14,172	16,856	1,181	14,172	17,889
<b>USAREUR</b>									
Belgium	225	2700	4,005	325	3,900	5,929	400	4,800	7,417
Germany	5,710	68520	84,812	5,910	70,920	90,604	5,877	70,524	93,681
Italy	553	6636	7,853	603	7,236	8,777	628	7,536	9,444
Turkey	9	108	128	9	108	131	9	108	126
Netherlands	283	3396	5,037	283	3396	5,163	283	3396	5,371
<b>Subtotal USAREUR</b>	<b>6,780</b>	<b>81,360</b>	<b>101,835</b>	<b>7,130</b>	<b>85,560</b>	<b>110,604</b>	<b>7,197</b>	<b>86,364</b>	<b>116,039</b>
Govt Rental Hsg Prgm, Eur	1,724	20,688	23,314	1,670	20,040	23,126	1,625	19,500	24,416
<b>Total USAREUR</b>	<b>8,504</b>	<b>102,048</b>	<b>125,149</b>	<b>8,800</b>	<b>105,600</b>	<b>133,730</b>	<b>8,822</b>	<b>105,864</b>	<b>140,455</b>

Note: Exhibit Continued Next Page

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE

	FY 1998 OBLIGATIONS			FY 1999 CURR EST			FY 2000 BUDGET REQUEST		
	Units	Months		Units	Months		Units	Months	
	Supported	Purchsd	(\$000)	Supported	Purchsd	(\$000)	Supported	Purchsd	(\$000)
<b>OTHER FOREIGN SUPPORT PROGRAMS</b>									
Bangladesh	2	24	37	2	24	60	2	24	60
Belgium	0	0	0	0	0	0	2	24	69
Botswana	1	12	30	1	12	40	1	12	40
Cameroon	1	12	44	1	12	44	1	12	44
China	2	24	107	2	24	121	2	24	116
Cote d'Ivoire	1	12	32	1	12	32	1	12	32
Croatia	0	0	0	1	12	55	1	12	24
Czech Republic	0	0	0	0	0	0	1	12	38
Denmark	1	12	39	1	12	39	2	24	75
Egypt	1	12	19	2	24	35	2	24	35
France	2	24	118	2	24	118	3	36	173
Germany	0	0	0	0	0	0	4	48	150
Greece	1	12	19	1	12	19	4	48	128
Hungary	2	24	93	2	24	103	1	12	40
India	2	24	44	2	24	44	1	12	24
Indonesia	1	12	37	1	12	37	1	12	30
Israel	1	12	48	1	12	48	1	12	49
Italy	2	24	104	2	24	104	4	48	221
Jordan	4	48	129	4	48	130	4	48	130
Kenya	6	72	275	6	72	100	6	72	120
Korea	1	12	28	1	12	28	1	12	20
Kuwait	2	24	79	2	24	80	2	24	80
Morocco	2	24	39	2	24	39	2	24	25
Netherlands	0	0	0	0	0	0	2	24	97
Niger	1	12	30	1	12	33	1	12	33
Norway	0	0	0	0	0	0	2	24	60
Panama	3	36	93	3	36	94	3	36	96
Phillipines	2	24	45	2	24	45	2	24	45
Poland	1	12	30	1	12	39	1	12	39
Portugal	1	12	12	1	12	17	1	12	10
Romania	1	12	33	1	12	33	1	12	20
Spain	0	0	0	0	0	0	5	60	135
Sweden	0	0	0	1	12	60	1	12	20
Tunisia	1	12	1	1	12	1	1	12	1
Turkey	2	24	71	2	24	71	2	24	63
Ukraine	0	0	0	0	0	0	1	12	70
United Kingdom	0	0	0	0	0	0	3	36	107
Zimbabwe	1	12	33	1	12	33	1	12	25
<b>Total Other Foreign Support</b>	<b>48</b>	<b>576</b>	<b>1,669</b>	<b>51</b>	<b>612</b>	<b>1,702</b>	<b>76</b>	<b>912</b>	<b>2,544</b>
<b>Total Foreign Leasing</b>	<b>9,734</b>	<b>116,808</b>	<b>148,862</b>	<b>10,033</b>	<b>120,396</b>	<b>152,342</b>	<b>10,080</b>	<b>120,960</b>	<b>160,942</b>
<b>TOTAL LEASING PROGRAM</b>	<b>13,933</b>	<b>167,196</b>	<b>208,051</b>	<b>14,318</b>	<b>171,816</b>	<b>213,729</b>	<b>14,365</b>	<b>172,380</b>	<b>222,294</b>

ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
FY 2000 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 2000 RATE</u>	<u>ADJUSTED** FY 2000 CAP</u>
Belgium	400	14	Franc	42.77	35.35	\$28,215
Germany	5,877	0	Deutsche Mark	2.06	1.71	\$28,093
Italy	628	2	Lira	1423.00	1695.00	\$19,578
Ivory Coast	1	1	CFAF	305.90	611.74	\$11,661
Netherlands	283	2	Guilder	2.33	1.93	\$28,153
Qatar	1	1	Riyal	3.64	3.64	\$23,320

\*\* The adjusted high cost cap is determined by multiplying \$23,320 (FY 1999 high cost lease limit adjusted for CPI) times the FY 1988 exchange rate divided by the FY 2000 exchange rate. 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.

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ARMY FAMILY HOUSING  
FY 2000 BUDGET ESTIMATE  
DEBT PAYMENT ACCOUNT

(\$ in Thousands)

FY 2000 Budget Request	\$3
FY 1999 Appropriation	\$3

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 \$3,000 in FY 2000.

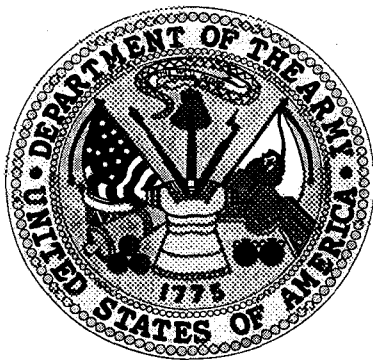
JUSTIFICATION

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
1998	0	7	400.00	3
1999	0	7	400.00	3
2000	0	7	400.00	3

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***FY 2000/2001  
Biennial Budget Estimate***

**Homeowners Assistance Fund,  
Defense**

**Justification Data Submitted to Congress  
February 1999**



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### PART III HOMEOWNERS ASSISTANCE

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February 1999

HOMEOWNERS ASSISTANCE FUND, DEFENSE  
FY 2000 BUDGET ESTIMATE  
SUMMARY

	<u>(In Thousands)</u>
FY 2000 Program	\$ -0-
FY 1999 Program	\$ -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 2000 budget requests authorization of appropriation and appropriation in the amount of \$0.00 to fund Homeowners Assistance Fund program expenses. Total program requirements for the FY 2000 program are estimated at \$62,687,000 and will be funded with revenue from sales of acquired properties, prior year unobligated balances and anticipated authority to transfer monies into the fund from the BRAC 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 or funds transferred from the BRAC account are required to maintain its solvency as a revolving fund. The FY 2000 budget request is \$0.00. The program may require transfer of \$24,538,000 from the BRAC account to fund the FY 2000 program requirements.

The chart below is a summary of the funding for the FY1998, FY1999, FY2000

PROGRAM FINANCIAL SUMMARY

HOMEOWNERS ASSISTANCE FUND, DEFENSE	ACTUAL FY 1998	FY 1999	FY 2000
PROGRAM RESOURCES			
New Appropriation/TOA Requested	0	0	0
Indefinite Borrowing Authority	0	0	0
Transfer To/From Other Account	0	0	24,538,000
Total Budget Authority Requested	0	0	24,538,000
REIMBURSABLE RESOURCES			
Reimbursable Authority	0	0	0
OTHER PROGRAM RESOURCES			
Prior FY Unoblig Bal Brought FWD	97,242,000	42,214,000	0
Unobligated Balance Transferred - TO / FROM	0	0	0
Anticipated Revenue from Sale of Real Property	60,794,000	65,018,000	38,149,000
Recovery of Prior Year Balances	5,035,000	0	0
TOTAL PROGRAM RESOURCES	163,071,000	107,232,000	62,687,000
PLANNED PROGRAM EXECUTION			
Payments to Homeowners	24,292,000	18,676,000	9,924,000
Other Operating Cost	25,863,000	22,190,000	22,513,000
Acquisition of Real Property	70,702,000	66,366,000	30,250,000
Mortgages Assumed	0	0	0
Retirement of Debt - Authority W/D	0	0	0
TOTAL PLANNED PROGRAM EXPENSE	120,857,000	107,232,000	62,687,000
ANTICIPATED EOY UNOBLIGATED :			
Unused - Mortgage Assumption Authority	0	0	0
Balance Carried Forward	42,214,000	0	0

Homeowners Asst Fund, Def.  
Program and Financing (in Thousands of dollars)

## DEF ACCT SUMMARY

Identification code	97-4090-0-3-051	1998 actual	1999 est.	2000 est.	2001 est.
Program by activities:					
Direct program:					
01.0101	Payment to homeowners (private sale and foreclosure assistan	24,292	18,676	9,924	11,643
01.0201	Other operating costs	25,863	22,190	22,513	18,034
02.0101	Acquisition of real property	70,702	66,366	30,250	21,314
02.9101	Total program	120,857	107,232	62,687	50,991
10.0001	Total obligations	120,857	107,232	62,687	50,991
Financing:					
Offsetting collections from:					
14.0001	Non-Federal sources(-)	-60,794	-65,018	-38,149	-27,788
17.0001	Recovery of prior year obligations	-5,035			
21.9801	Unobligated balance available, start of year:				
	Unobligated balance, SOY: Fund balance	-97,242	-42,214		
24.9801	Unobligated balance available, end of year:				
	Unobligated balance, EOY: Fund balance	42,214			2,747
42.0001	Budget authority (Transferred from other accounts)			24,538	25,950
Relation of obligations to outlays:					
71.0001	Obligations incurred	60,063	42,214	24,538	23,203
72.1001	From Federal sources: Receivables and unpaid, unfilled orders, SOY	-5,164	-2,602	-2,601	-2,601
72.9801	Obligated balance, start of year: Obligated balance, start of year, fun	17,021	16,351	16,810	17,740
74.1001	From Federal sources: Receivables and unpaid, unfilled orders, EOY	2,602	2,601	2,601	2,601
74.9801	Obligated balance, end of year: Obligated balance, end of year, fund ba	-16,351	-16,810	-17,740	-17,111
77.0001	Adjustments in expired accounts (net)	-1			
78.0001	Adjustments in unexpired accounts	-5,035			
90.0001	Outlays (net)	53,135	41,754	23,608	23,832

Homeowners Asst Fund, Def.  
Object Classification (in Thousands of dollars)

DEF ACCT SUMMARY

Identification code	97-4090-0-3-051	1998 actual	1999 est.	2000 est.	2001 est.
Direct obligations:					
Personnel compensation:					
111.101	Full-time permanent	5,854	8,985	8,747	7,744
111.301	Other than full-time permanent	42			
111.501	Other personnel compensation	84			
111.901	Total personnel compensation	5,980	8,985	8,747	7,744
112.101	Civilian personnel benefits	1,229	1,840	1,792	1,586
121.001	Travel and transportation of persons	262	337	318	255
122.001	Transportation of things	27			
123.101	Rental payments to GSA	182			
123.301	Communications, utilities, and miscellaneous charges	65			
124.001	Printing and reproduction	14			
125.101	Advisory and assistance services	4,757	14,028	11,656	8,449
126.001	Supplies and materials	49			
131.001	Equipment	201			
132.001	Land and structures	77,046	60,366	30,250	21,314
141.001	Grants, subsidies, and contributions	994	650	424	579
142.001	Insurance claims and indemnities	30,051	21,026	9,500	11,064
199.001	Total Direct obligations	120,857	107,232	62,687	50,991
999.901	Total obligations	120,857	107,232	62,687	50,991