

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2009
BUDGET ESTIMATES
February 2008



MILITARY CONSTRUCTION, ARMY RESERVE

TABLE OF CONTENTS

TAB DESCRIPTION	PAGE NUMBER
-----	-----
1. TABLE OF CONTENTS.....	i
2. STATE LIST.....	iii
3. BUDGET APPENDIX EXTRACT.....	vii
BUDGET SUMMARY.....	vii
APPROPRIATION LANGUAGE.....	x
4. SPECIAL PROGRAM CONSIDERATIONS.....	xi
5. INSIDE THE UNITED STATES.....	1
California.....	1
Hawaii.....	6
Idaho.....	12
Kansas.....	17
Maryland.....	22
Massachusetts.....	27
Michigan.....	32
Missouri.....	37
Nevada.....	42
New Jersey.....	47
New York.....	52
North Carolina.....	68
Pennsylvania.....	73
Tennessee.....	79
Texas.....	84
Washington.....	89
Wisconsin.....	94
6. WORLDWIDE.....	99
Worldwide Various.....	99

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2009
 MILITARY CONSTRUCTION, ARMY RESERVE
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION/CITY (COMMAND)	AUTHORIZATION	NEW/	
----- PROJECT	-----	OF	APPROPRIATION	CURRENT
NUMBER	PROJECT TITLE	APPROPRIATION	AMOUNT	MISSION PAGE
-----	-----	-----	-----	-----
California	Fort Hunter Liggett (USAR)			1
65952	Modified Record Fire Range	3,950	3,950	C 1
	Subtotal Fort Hunter Liggett	\$ 3,950	3,950	
	* TOTAL MCAR FOR California	\$ 3,950	3,950	
Hawaii	AR Center, Fort Shafter (USAR)			6
67583	Army Reserve Center	19,199	19,199	C 6
	Subtotal AR Center, Fort Shafter	\$ 19,199	19,199	
	* TOTAL MCAR FOR Hawaii	\$ 19,199	19,199	
Idaho	AR Center, Hayden Lake (USAR)			12
67654	AR Center/OMS/Unheated Storage	9,580	9,580	C 12
	Subtotal AR Center, Hayden Lake	\$ 9,580	9,580	
	* TOTAL MCAR FOR Idaho	\$ 9,580	9,580	
Kansas	AR Center, Dodge City (USAR)			17
69456	Army Reserve Center/Land	8,100	8,100	N 17
	Subtotal AR Center, Dodge City	\$ 8,100	8,100	
	* TOTAL MCAR FOR Kansas	\$ 8,100	8,100	
Maryland	AR Center, Baltimore (USAR)			22
69422	Army Reserve Center	11,600	11,600	N 22
	Subtotal AR Center, Baltimore	\$ 11,600	11,600	
	* TOTAL MCAR FOR Maryland	\$ 11,600	11,600	

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STATE	INSTALLATION/CITY (COMMAND)	AUTHORIZATION	NEW/	
----- PROJECT	-----	OF	APPROPRIATION	CURRENT
NUMBER	PROJECT TITLE	APPROPRIATION	AMOUNT	MISSION PAGE
-----	-----	-----	-----	-----
Massachusetts	Ft Devens (USAR)			27
65949	Shoothouse	1,900	1,900	C 27
	Subtotal Ft Devens	\$ 1,900	1,900	
	* TOTAL MCAR FOR Massachusetts	\$ 1,900	1,900	
Michigan	AR Center, Saginaw (USAR)			32
69465	Army Reserve Center/Land	11,500	11,500	N 32
	Subtotal AR Center, Saginaw	\$ 11,500	11,500	
	* TOTAL MCAR FOR Michigan	\$ 11,500	11,500	
Missouri	AR Center, Weldon Springs (USAR)			37
69426	Army Reserve Center	11,700	11,700	N 37
	Subtotal AR Center, Weldon Springs	\$ 11,700	11,700	
	* TOTAL MCAR FOR Missouri	\$ 11,700	11,700	
Nevada	AR Center, Las Vegas (USAR)			42
69436	Army Reserve Center	33,900	33,900	N 42
	Subtotal AR Center, Las Vegas	\$ 33,900	33,900	
	* TOTAL MCAR FOR Nevada	\$ 33,900	33,900	
New Jersey	Fort Dix (USAR)			47
65951	Modified Record Fire Range	3,825	3,825	C 47
	Subtotal Fort Dix	\$ 3,825	3,825	
	* TOTAL MCAR FOR New Jersey	\$ 3,825	3,825	

DEPARTMENT OF THE ARMY
FISCAL YEAR 2009
MILITARY CONSTRUCTION, ARMY RESERVE
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	INSTALLATION/CITY (COMMAND)	AUTHORIZATION	APPROPRIATION	NEW/	CURRENT	MISSION	PAGE
----- PROJECT NUMBER	----- PROJECT TITLE	REQUEST	REQUEST	MISSION	PAGE	PAGE	PAGE
-----	-----	-----	-----	-----	-----	-----	-----
New York	AR Center, Kingston (USAR)						52
67580	Army Reserve Center/Land	13,494	13,494	C			52
	Subtotal AR Center, Kingston	\$ 13,494	13,494				
	AR Center, Shoreham (USAR)						57
67579	Add/Alt Army Reserve Center	15,031	15,031	C			57
	Subtotal AR Center, Shoreham	\$ 15,031	15,031				
	AR Center, Staten Island (USAR)						63
69432	Army Reserve Center	18,550	18,550	N			63
	Subtotal AR Center, Staten Island	\$ 18,550	18,550				
	* TOTAL MCAR FOR New York	\$ 47,075	47,075				
North Carolina	AR Center, Raleigh (USAR)						68
69467	Army Reserve Center/Land	25,581	25,581	N			68
	Subtotal AR Center, Raleigh	\$ 25,581	25,581				
	* TOTAL MCAR FOR North Carolina	\$ 25,581	25,581				
Pennsylvania	AR Center, Letterkenny (USAR)						73
67584	Army Reserve Center	14,914	14,914	C			73
	Subtotal AR Center, Letterkenny	\$ 14,914	14,914				
	* TOTAL MCAR FOR Pennsylvania	\$ 14,914	14,914				
Tennessee	AR Center, Chattanooga (USAR)						79
69437	Army Reserve Center	10,600	10,600	N			79
	Subtotal AR Center, Chattanooga	\$ 10,600	10,600				
	* TOTAL MCAR FOR Tennessee	\$ 10,600	10,600				

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2009
 MILITARY CONSTRUCTION, ARMY RESERVE
 (DOLLARS ARE IN THOUSANDS)
 INSIDE THE UNITED STATES

STATE	INSTALLATION/CITY (COMMAND)	AUTHORIZATION	NEW/	
----- PROJECT	-----	OF	APPROPRIATION	CURRENT
NUMBER	PROJECT TITLE	APPROPRIATION	AMOUNT	MISSION PAGE
-----	-----	-----	-----	-----
Texas	AR Center, Sinton (USAR)			84
69420	Army Reserve Center	9,700	9,700	N 84
	Subtotal AR Center, Sinton	\$ 9,700	9,700	
	* TOTAL MCAR FOR Texas	\$ 9,700	9,700	
Washington	AR Center, Seattle (USAR)			89
69418	Army Reserve Center	37,500	37,500	N 89
	Subtotal AR Center, Seattle	\$ 37,500	37,500	
	* TOTAL MCAR FOR Washington	\$ 37,500	37,500	
Wisconsin	Ft McCoy (USAR)			94
65868	Auto Qualification Training Range	4,000	4,000	C 94
	Subtotal Ft McCoy	\$ 4,000	4,000	
	* TOTAL MCAR FOR Wisconsin	\$ 4,000	4,000	
	** TOTAL INSIDE THE UNITED STATES FOR MCAR	\$ 264,624	264,624	

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2009
 MILITARY CONSTRUCTION, ARMY RESERVE
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

STATE	INSTALLATION/CITY (COMMAND)	AUTHORIZATION	APPROPRIATION	
----- PROJECT	-----	REQUEST	REQUEST	PAGE
NUMBER	PROJECT TITLE	-----	-----	-----
-----	-----	-----	-----	-----
Worldwide Various	Minor Construction (MINOR)			
67465	Unspecified Minor Construction	3,100	3,100	99
		-----	-----	
	Subtotal Minor Construction	\$ 3,100	3,100	
	Planning and Design (PLNGDES)			
67463	Planning and Design	13,963	13,963	101
		-----	-----	
	Subtotal Planning and Design	\$ 13,963	13,963	
	* TOTAL MCAR FOR Worldwide Various	\$ 17,063	17,063	
	** TOTAL WORLDWIDE FOR MCAR	\$ 17,063	17,063	
	MILITARY CONSTRUCTION, ARMY RESERVE TOTAL	\$ 281,687	281,687	
	Total Cost of New Mission Projects	(10)	\$ 178,731	
	Total Cost of Current Mission Projects	(9)	\$ 85,893	
	Total Cost of other line items	(2)	\$ 17,063	
	Total Cost of FY 2009 MCAR Projects	(21)	\$ 281,687	

**Military Construction, Army Reserve Outyear Project Data
FY09 PRESBUD FYDP (MCAR)**

<u>Component</u>	<u>Fiscal Year</u>	<u>Appropriation</u>	<u>Installation</u>	<u>Location</u>	<u>Project Title</u>	<u>Facility Category</u>	<u>Program Element</u>	<u>Existing Mission</u>	<u>Existing Footprint</u>	<u>Ex FP Percent</u>	<u>FY 09 Budgeted Amount (\$000)</u>	<u>Change From Previous Submission (\$000)</u>
USAR	2009	2086	Ft Hunter Liggett	CA	Modified Record Fire Range	178	0532292A	Y	Y	100	3,950	0
USAR	2009	2086	Honolulu	HI	Army Reserve Center	171	0532292A	Y	Y	100	19,199	-12,061
USAR	2009	2086	Hayden Lake	ID	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	9,580	9,580
USAR	2009	2086	Dodge City	KS	Army Reserve Center/Land	171	0532292A	N	N	0	8,100	8,100
USAR	2009	2086	Fort Devens	MA	Shoothouse	178	0532292A	Y	Y	100	1,900	0
USAR	2009	2086	Baltimore	MD	Army Reserve Center	171	0532292A	N	N	0	11,600	11,600
USAR	2009	2086	Saginaw	MI	Army Reserve Center/Land	171	0532292A	N	N	0	11,500	11,500
USAR	2009	2086	St Louis	MO	Army Reserve Center	171	0532292A	N	N	0	11,700	11,700
USAR	2009	2086	Raleigh	NC	Army Reserve Center/Land	171	0532292A	N	N	0	25,581	25,581
USAR	2009	2086	Fort Dix	NJ	Modified Record Fire Range	178	0532292A	Y	Y	100	3,825	0
USAR	2009	2086	Las Vegas	NV	Army Reserve Center	171	0532293A	N	N	0	33,900	33,900
USAR	2009	2086	Kingston	NY	Army Reserve Center/Land	171	0532292A	Y	Y	100	13,494	-1,367
USAR	2009	2086	Shoreham	NY	Add/Alt Army Reserve Center	171	0532292A	Y	Y	100	15,031	1,537
USAR	2009	2086	Stanton Island	NY	Army Reserve Center	171	0532292A	N	N	0	18,550	18,550
USAR	2009	2086	Letterkenny	PA	Army Reserve Center	171	0532292A	Y	Y	100	14,914	-86
USAR	2009	2086	Chattanooga	TN	Army Reserve Center	171	0532293A	N	N	0	10,600	10,600
USAR	2009	2086	Sinton	TX	Army Reserve Center	171	0532292A	N	N	0	9,700	9,700
USAR	2009	2086	Seattle	WA	Army Reserve Center	171	0532292A	N	N	0	37,500	37,500
USAR	2009	2086	Ft McCoy	WI	Auto Qualification Training Range	178	0532292A	Y	Y	100	4,000	0
USAR	2009	2086	WW Various Minor	WW	Unspecified Minor Construction	000	0532292A	O			3,100	0
USAR	2009	2086	WW Various P&D	WW	Planning and Design	000	0532292A	O			13,963	0
FY09 Total											281,687	176,334
USAR	2010	2086	Camp Pendleton	CA	Army Reserve Center	171	0532292A	N	N		7,023	7,023
USAR	2010	2086	San Diego	CA	Army Reserve Center	171	0532292A	N	N	0	34,082	34,082
USAR	2010	2086	Orlando	FL	Army Reserve Center	171	0532292A	N	N	0	9,924	9,924
USAR	2010	2086	West Palm Beach	FL	Army Reserve Center/Land	171	0532292A	N	N		34,018	34,018
USAR	2010	2086	Hayden Lake	ID	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	0	-7,473
USAR	2010	2086	Rockford	IL	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	13,680	0
USAR	2010	2086	Hobart	IN	Army Reserve Center	171	0532292A	N	N	0	13,725	13,725
USAR	2010	2086	Indianapolis	IN	AFRC/AMSA/OMS/Unheated Storage	171	0532292A	Y	Y	100	34,127	0
USAR	2010	2086	Topeka	KS	Army Reserve Center/Land	171	0532292A	N	N		7,807	7,807
USAR	2010	2086	St Charles	MO	Army Reserve Center	171	0532292A	Y	Y	100	25,624	0
USAR	2010	2086	Great Falls	MT	Army Reserve Center	171	0522293A	N	N		12,844	12,844
USAR	2010	2086	Greensboro	NC	Army Reserve Center	171	0532292A	Y	Y	100	13,465	0
USAR	2010	2086	Fort Totten	NY	Army Reserve Center	171	0532292A	N	N	0	40,975	40,975
USAR	2010	2086	Niagara Falls	NY	Army Reserve Center/Land	171	0532993A	N	N	0	8,425	8,425
USAR	2010	2086	Conneaut	PA	DAR Highway Improvement	851	0532292A	Y	Y	100	4,813	0
USAR	2010	2086	Orangeburg	SC	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	10,918	615
USAR	2010	2086	Austin	TX	AR Center/OMS/AMSA/Unheated Storage	171	0532292A	Y	Y	100	14,397	0
USAR	2010	2086	Rio Grande City	TX	Army Reserve Center	171	0532292A	N	N		7,259	7,259
USAR	2010	2086	Fort Lewis	WA	Army Reserve Center	171	0532292A	N	N		15,080	15,080
USAR	2010	2086	Ft McCoy	WI	Mail and Freight Process Center	141	0532292A	Y	Y	100	4,813	0
USAR	2010	2086	Ft McCoy	WI	Combined Arms Collective Training Facility	179	0532292A	Y	Y	100	25,000	0
USAR	2010	2086	San Juan	PR	Army Reserve Center	171	0532292A	N	N	0	16,504	16,504
USAR	2010	2086	WW Various Minor	WW	Unspecified Minor Construction	000	0532292A	O			3,000	-200
USAR	2010	2086	WW Various P&D	WW	Planning and Design	000	0532292A	O			23,961	4,330
FY10 Total											381,464	204,938
USAR	2011	2086	Montgomery	AL	Army Reserve Center	171	0532292A	N	N		9,852	9,852
USAR	2011	2086	Seal Beach	CA	Army Reserve Center	171	0532292A	N	N		15,903	15,903
USAR	2011	2086	Ft Collins	CO	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	11,034	-291
USAR	2011	2086	Lafayette	IN	Army Reserve Center	171	0532292A	N	N		11,956	11,956
USAR	2011	2086	Attleboro	MA	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	10,866	0
USAR	2011	2086	Bedford	MA	AFR Center/Unheated Storage	171	0532292A	Y	Y	100	56,126	0
USAR	2011	2086	Ft Meade	MD	Army Reserve Center	171	0532292A	N	N	0	13,774	13,774
USAR	2011	2086	Jackson	MI	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	12,074	0
USAR	2011	2086	St Joseph	MN	AR Center/Unheated Storage	171	0532292A	Y	Y	100	12,441	0
USAR	2011	2086	Ft Leonard Wood	MO	AFR Ctr/Unheated Storage	171	0532292A	N	Y	100	21,833	0
USAR	2011	2086	Kansas City	MO	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	15,083	0
USAR	2011	2086	Tupelo	MS	Army Reserve Center	171	0532292A	N	N		11,413	11,413
USAR	2011	2086	Rocky Mount	NC	Army Reserve Center/Land	171	0532292A	N	N		10,407	10,407
USAR	2011	2086	Lodi	NJ	Army Reserve Center	171	0532292A	N	N		12,542	12,542
USAR	2011	2086	Silver City	NM	Army Reserve Center/Land	171	0532292A	N	N	0	10,247	10,247
USAR	2011	2086	Schenectady	NY	ARC Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	14,895	0

**Military Construction, Army Reserve Outyear Project Data
FY09 PRESBUD FYDP (MCAR)**

<u>Component</u>	<u>Fiscal Year</u>	<u>Appropriation</u>	<u>Installation</u>	<u>Location</u>	<u>Project Title</u>	<u>Facility Category</u>	<u>Program Element</u>	<u>Existing Mission</u>	<u>Existing Footprint</u>	<u>Ex FP Percent</u>	<u>FY 09 Budgeted Amount (\$000)</u>	<u>Change From Previous Submission (\$000)</u>
USAR	2011	2086	Dayton	OH	Army Reserve Center/Land	171	0532292A	N	N	0	9,060	9,060
USAR	2011	2086	Harlingen	TX	Army Reserve Center/Land	171	0532292A	N	N		10,312	10,312
USAR	2011	2086	Fort Eustis	VA	Army Reserve Center	171	0532292A	N	N	0	11,445	11,445
USAR	2011	2086	Suffolk	VA	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	7,667	0
USAR	2011	2086	Ft McCoy	WI	NCO Academy Phase II	171	0532292A	Y	Y	100	9,833	0
USAR	2011	2086	Ft McCoy	WI	AT/MOB Billeting Complex Phase I	721	0532292A	Y	Y	100	10,222	0
USAR	2011	2086	Cagus	PR	Army Reserve Center/Land	171	0532292A	N	N		11,703	11,703
USAR	2011	2086	WW Various Minor	WW	Unspecified Minor Construction	000	0532292A	O			3,000	-588
USAR	2011	2086	WW Various P&D	WW	Planning and Design	000	0532292A	O			18,281	-2,442
FY11 Total											341,969	135,293
USAR	2012	2086	Ft Hunter Liggett	CA	CCTT/CACTF	179	0532292A	Y	Y	100	27,500	0
USAR	2012	2086	Sacramento	CA	High Tech RTS-Maintenance	171	0532292A	Y	Y	100	6,874	0
USAR	2012	2086	Waterloo	IA	AR Center/OMS/AMSA/Unheated Storage	171	0532292A	Y	Y	100	9,443	0
USAR	2012	2086	Ft Sheridan	IL	AR Center/OMS	171	0532292A	Y	Y	100	22,537	0
USAR	2012	2086	Homewood	IL	AR Center/Unheated Storage	171	0532292A	Y	Y	100	12,956	0
USAR	2012	2086	Brockton	MA	AR Center/AMSA/OMS/Unheated Storage	171	0532292A	Y	Y	100	16,254	0
USAR	2012	2086	Aberdeen PG	MD	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	29,081	0
USAR	2012	2086	Riverdale	MD	AR Center/Unheated Stg	171	0532292A	Y	Y	100	8,465	0
USAR	2012	2086	St Charles	MO	Modified Record Fire Range	178	0532292A	Y	Y	100	10,000	0
USAR	2012	2086	Fort Dix	NJ	Tactical Training Base Phase I	171	0532292A	Y	Y	100	11,464	0
USAR	2012	2086	Fort Dix	NJ	CACTF Upgrade	179	0532292A	Y	Y	100	15,000	0
USAR	2012	2086	Las Vegas	NV	AR Center/OMS/AMSA/Unheated Storage	171	0532292A	Y	Y	100	21,743	445
USAR	2012	2086	Fort Lewis	WA	AR Center/OMS	171	0532292A	Y	Y	100	37,181	0
USAR	2012	2086	Tacoma	WA	Pier Facility Phase II	151	0532292A	Y	Y	100	7,390	0
USAR	2012	2086	Ft McCoy	WI	Container Loading Facility	141	0532292A	Y	Y	100	5,588	0
USAR	2012	2086	Bullville	36	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	9,872	0
USAR	2012	2086	WW Various Minor	WW	Unspecified Minor Construction	000	0532292A	O			3,000	-707
USAR	2012	2086	WW Various P&D	WW	Planning and Design	000	0532292A	O			15,864	-1,688
FY12 Total											270,212	-1,950
USAR	2013	2086	WW Unspecified	WW	Army Reserve Center/GTF/CSS Rebalance	171	0532292A	N	N		107,000	107,000
USAR	2013	2086	Tustin	CA	AR Center/OMS/Storage	171	0532292A	Y	Y	100	20,071	0
USAR	2013	2086	Ayers	MA	10M Baffle Range Upgrade	178	0532292A	Y	Y	100	1,000	0
USAR	2013	2086	Ayers	MA	Modified Record Fire Range Upgrade	178	0532292A	Y	Y	100	3,500	0
USAR	2013	2086	Baltimore	MD	Add/alt ARC/Unheated Storage	171	0532292A	Y	Y	100	15,931	0
USAR	2013	2086	Fremont	NE	AR Center/OMS/Unheated Stg	171	0532292A	Y	Y	100	7,095	0
USAR	2013	2086	Fort Dix	NJ	CA Collective Training Facility Phase II	179	0532292A	Y	Y	100	14,733	0
USAR	2013	2086	Fort Dix	NJ	ORTC AT Barracks	721	0532292A	Y	Y	100	66,501	0
USAR	2013	2086	Mattydale	NY	AR Center/OMS/AMSA/Unheated Storage	171	0532292A	Y	Y	100	22,760	0
USAR	2013	2086	Dayton	OH	AR Center/OMS/Unheated Storage	171	0532292A	Y	Y	100	11,854	0
USAR	2013	2086	Bryan	TX	Bryan USARC/OMS/Storage	171	0532292A	Y	Y	100	10,245	0
USAR	2013	2086	Eau Claire	WI	Army Reserve Center	171	0532292A	Y	Y	100	16,057	0
USAR	2013	2086	Ft McCoy	WI	MRFR Upgrade	178	0532292A	Y	Y	100	3,500	0
USAR	2013	2086	Ft McCoy	WI	Combat Pistol Range Upgrade	178	0532292A	Y	Y	100	2,000	0
USAR	2013	2086	Ft McCoy	WI	Central Issue Facility	442	0532292A	Y	Y	100	9,803	0
USAR	2013	2086	Ft McCoy	WI	Modified Record Fire Range	178	0532292A	Y	Y	100	2,500	0
USAR	2013	2086	Ft McCoy	WI	Engineer Training Range Upgrade	178	0532292A	Y	Y	100	2,500	0
USAR	2013	2086	WW Various Minor	WW	Unspecified Minor Construction	000	0532292A	O			3,036	-804
USAR	2013	2086	WW Various P&D	WW	Planning and Design	000	0532292A	O			15,412	-2,168
FY13 Total											335,498	104,028
Grand Total											1,610,830	618,643

APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, ARMY RESERVE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army Reserve as authorized by Chapter 1803 of Title 10, United States Code and military construction Authorization Act, \$281,687,000 to remain available until September 30, 2013.

MILITARY CONSTRUCTION, ARMY RESERVE

FY 2009

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

Military construction projects proposed in this program will be designed to meet environmental standards. Project proposed primarily for abatement of existing pollution problems have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria. This submission contains no projects specific to pollution abatement.

Energy Conservation

Military construction projects specifically for energy conservation have been developed, reviewed, and selected with prioritization by energy savings per investment cost. Any projects proposed primarily for energy conservation includes improvements to existing facilities and utilities systems to upgrade design, eliminate waste, and install energy savings devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long and short term adverse 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, provision for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

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.

Reserve Potential/Placement of Reserve Component Units in Local Communities

The Reserve potential to meet and maintain authorized strengths of all Reserve flying/nonflying units in those areas in which these facilities are to be located has been

SPECIAL PROGRAM CONSIDERATIONS

(Continued)

reviewed. It has been determined, in coordination with all other Services having Reserve flying/nonflying units in these areas, that the number of units of the Reserve Components of the Armed forces presently located in those areas, and those which have been allocated to the areas for future activation, is not and will not be larger than the number that reasonably can be expected to be maintained at authorized strength considering the number of persons living in the areas who are qualified for membership in those Reserve units.

Preservation of Historical Sites and Structures

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

Use of Excess Schools and Other Buildings

Considerations were made to utilize available commercial or academic buildings but none were suitable except as identified by specific projects in this request.

Congressionally Directed Projects

No projects were directed by any congressional committee for inclusion in the FY 2009 budget.

Other Congressional – Planning and Design

No considerations are made for directed planning and design projects in the FY 2009 budget.

FEBRUARY 2008

Military Construction, Army Reserve
FY2009 PRESIDENT BUDGET

PROGRAM ASSESSMENT RATING TOOL

In accordance with the President's Management Agenda, Budget and Performance Integration initiative, this program has been assessed using the Program Assessment Rating Tool (PART). Remarks regarding program performance and plans for performance improvement can be located at the Expectmore.gov website.

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1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 01 FEB 2008				
3. INSTALLATION AND LOCATION Fort Hunter Liggett Fort Hunter Liggett, California		4. AREA CONSTRUCTION COST INDEX 1.22					
5. FREQUENCY AND TYPE OF UTILIZATION							
Reservist	-	3 weekends/month	2 nights/week				
Full-Time Personnel	-	5 days/week					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
USAR	Fort Hunter Liggett	1.00 miles	Center				
USAR	Paso Robles, CA	30.00 miles	Center				
ARNG	Atascadero, CA	40.00 miles	Armory				
7. PROJECTS REQUESTED IN THIS PROGRAM:							
CATEGORY		COST	DESIGN STATUS				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>				
178	Modified Record Fire Range	3,950	JUL 2007 JAN 2009				
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.			15 MAR 2006 (Date)				
9. LAND ACQUISITION REQUIRED							
None			_____				
			(Number of acres)				
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		SCOPE	COST				
<u>CODE</u>	<u>PROJECT TITLE</u>		<u>(\$000)</u>				
178	CCIT/CACTF	16 FP (16 FP)	27,500				
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0					
11. PERSONNEL STRENGTH AS OF N/A							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	0	0	0	0	0	0	0
ACTUAL	0	0	0	0	0	0	0

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008	
3. INSTALLATION AND LOCATION Fort Hunter Liggett Fort Hunter Liggett, California			
12. RESERVE UNIT DATA AUTHORIZED			
Assigned/Authorized: 0%		<u>STRENGTH</u>	
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	
Totals	0	0	
13. MAJOR EQUIPMENT AND AIRCRAFT NONE			
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES			
		(\$000)	
A. AIR POLLUTION	0		
B. WATER POLLUTION	0		
C. OCCUPATIONAL SAFETY AND HEALTH	0		

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION Fort Hunter Liggett California				4.PROJECT TITLE Modified Record Fire Range		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 178	7.PROJECT NUMBER CAR 09-65952		8.PROJECT COST (\$000) Auth 3,950 Approp 3,950	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						3,486
Modified Record Fire Range		FP	16 --		184,378	(2,950)
Range Operations & Control Area		EA	1 --		54,069	(54)
Operations/Storage Building		m2 (SF)	74.32 (800)		1,657	(123)
General Instruction Building		m2 (SF)	74.32 (800)		1,641	(122)
Bleacher Enclosure		m2 (SF)	54.44 (586)		2,103	(115)
Total from Continuation page						(122)
SUPPORTING FACILITIES						73
Electric Service		LS	--		--	(36)
Paving, Walks, Curbs & Gutters		LS	--		--	(37)
ESTIMATED CONTRACT COST						3,559
CONTINGENCY PERCENT (5.00%)						178
SUBTOTAL						3,737
SUPV, INSP & OVERHEAD (5.70%)						213
TOTAL REQUEST						3,950
TOTAL REQUEST (ROUNDED)						3,950
INSTALLED EQT-OTHER APPROP						(797)
10.Description of Proposed Construction Construct a standard Modified Record Fire Range. Primary facilities include: firing lanes to standard width, target emplacements, downrange power and data, walk-in firing positions, stationary infantry target system, Range Operation Control Tower, Operations and Storage Building, General Instruction Building, Ammunition Issue Building, Covered Mess, and Covered Bleachers. Supporting facilities include electrical power, and access road upgrade. Air Conditioning (Estimated 21 kW/6 Tons).						
11. REQ:		16 FP	ADQT: NONE		SUBSTD:	13 FP
PROJECT: Construct a standard Modified Record Fire Range. (Current Mission)						
REQUIREMENT: This project is required to support annual weapons training at Ft. Hunter-Liggett Combat Training Support Center (CTSC) with an annual training load of over 30,000 Soldiers. This is one of Ft. Hunter-Liggetts most critical training facility requirements. This range is used to train and test individual soldiers on the skills necessary to identify, engage and defeat stationary infantry targets for day/night qualification requirements with the M16 & M4 rifles. This range combines the capabilities of multiple ranges using target densities and lane widths. Ft. Hunter Liggett supports Army Reserve and National Guard forces for the 63rd Regional Support Command. Modern, target dense training environments are important skill qualifiers for individual						

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
Fort Hunter Liggett, California

4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER CAR 09-65952
--	-----------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Covered Mess	m2 (SF)	72 (775)	1,305	(94)
Ammo Breakdown Building	m2 (SF)	11.15 (120)	2,551	(28)
			Total	122

REQUIREMENT: (CONTINUED)

soldiers.

CURRENT SITUATION: Current firing lanes are not a standard width or length, therefore reducing target acquisition opportunities requiring adjustments to engagement scenarios. Individual weapons training on an inadequate range results in longer range periods and nonstandard weapon techniques in order to adjust to range physical limitations. Target systems are nonresponsive which defeats training discipline standards. This reduces throughput and requires longer training events. The goal of weapons training is focused on applying steel on target. Inadequate numbers of lanes with limited engagement opportunities restricts this goal.

IMPACT IF NOT PROVIDED: If this project is not provided, over 30,000 Army Reserve and National Guard soldiers will not be able to train to current standards and requirements. Soldiers will continue to train in sub and nonstandard training facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUL 2007
- (b) Percent Complete As Of January 2008..... 15.00
- (c) Date 35% Designed..... JUN 2008
- (d) Date Design Complete..... DEC 2008
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
Fort Hunter Liggett, California

4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER CAR 09-65952
--	-----------------------------------

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..... 237

(b) All Other Design Costs..... 159

(c) Total Design Cost..... 396

(d) Contract..... 317

(e) In-house..... 79

(4) Construction Contract Award..... JAN 2009

(5) Construction Start..... FEB 2009

(6) Construction Completion..... FEB 2010

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>
Targetry	OPA	2009	797
		TOTAL	797

Point of Contact: LTC Farrell, 703-602-1410

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008
3. INSTALLATION AND LOCATION AR Center Fort Shafter, Hawaii		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 86%		
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
1984TH USAR HOSP DET 2	189	178
657TH ASG	62	40
Totals	251	218
13. MAJOR EQUIPMENT AND AIRCRAFT NONE		
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Fort Shafter, Hawaii			4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-67583	8.PROJECT COST (\$000) Auth 19,199 Approp 19,199		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					13,027
Army Reserve Center Building	m2 (SF)	2,786 (29,987)		4,322	(12,039)
Unheated Storage Building	m2 (SF)	84.82 (913)		2,468	(209)
SDD and EPAct05	LS	--		--	(291)
Antiterrorism Measures	LS	--		--	(146)
Building Information Systems	LS	--		--	(342)
<u>SUPPORTING FACILITIES</u>					4,142
Electric Service	LS	--		--	(581)
Water, Sewer, Gas	LS	--		--	(776)
Paving, Walks, Curbs & Gutters	LS	--		--	(352)
Storm Drainage	LS	--		--	(194)
Site Imp(2,045) Demo()	LS	--		--	(2,045)
Information Systems	LS	--		--	(153)
Antiterrorism Measures	LS	--		--	(41)
ESTIMATED CONTRACT COST					17,169
CONTINGENCY PERCENT (5.00%)					858
SUBTOTAL					18,027
SUPV, INSP & OVERHEAD (6.50%)					1,172
TOTAL REQUEST					19,199
TOTAL REQUEST (ROUNDED)					19,199
INSTALLED EQT-OTHER APPROP					(3,746)
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include an ARC training building and unheated storage building. The buildings will be of permanent construction with reinforced concrete foundation, concrete floor slab, structural steel frame, masonry exterior walls with Exterior Finishing System (EFS), mechanical, and electrical systems. Supporting facilities include land clearing, fill, excavation, paving, general site improvements, extension of utilities and LAN connections for the complex, walks, curbs and gutters, landscaping, irrigation, signage, telecommunications and storm drainage. Accessibility for the disabled will be provided. Physical security measures will be incorporated into the design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 313 kW/89 Tons).					
11. REQ:	2,871 m2	ADQT:	NONE	SUBSTD:	85 m2
PROJECT: Construct an ARC training building and unheated storage building. (Current Mission)					

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
3. INSTALLATION AND LOCATION AR Center, Fort Shafter, Hawaii		
4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-67583	
<p><u>REQUIREMENT:</u> This project will provide, on existing federal land, a 300-member training facility with adequate administrative, training, classrooms, supply, storage, and support areas for an Army Reserve Hospital and Area Support Group. This facility will provide administrative space, retention office, family support office, classrooms, a new reserve complex Network Operations Center (NOC), mechanical room, and support areas. The unit mission requires patient simulators, and a telemedicine center for conducting medical training. The telemedicine center will be designed in accordance with the Total Army Distance Learning Program criteria to support units located throughout the Pacific region. The building will provide a new, state-of-the-art Network Operations Center (NOC) for the Palm Square complex, replacing the converted classroom currently used as the NOC. The project will also provide organizational storage and adequate parking space for all privately-owned vehicles.</p> <p><u>CURRENT SITUATION:</u> The Army Reserve Hospital recently occupied 86 square meters (920 sf) at the main hospital on Tripler Army Medical Center (TAMC), which represents a 2,600% utilization rate. A letter from Major General Adams, TAMC's Commander, directed the USAR Hospital to vacate the main hospital in FY06. The TAMC Chief of Staff stated that the Hospital's space in the main hospital will be needed to accommodate an increase in their hospital mission. The shortage of space on TAMC affects both the Active Component (AC) and Reserve Component (RC) medical personnel. The 9th Regional Readiness Command (RRC) has been recently tasked with standing up several new detachments, scheduled for assignment on Oahu in 2006 through 2009. These units are new requirements to the command and will need the full compliment of required administrative space. Current over-utilization at the mobilization station have added to the 9th RRC training requirements. The command is authorized 2,400 SF of additional classroom space. Additionally, United States Army Training and Doctrine Command (TRADOC) has approved the support of a second Distance Learning Center. This is needed to support communications and training throughout the Pacific rim.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The Army Reserve Hospital was relocated into over-utilized existing facilities on Fort Shafter Flats in 2006. The incoming units will only increase the utilization rate. Overcrowding and lack of adequate facilities will have a negative impact on operations, training, morale, retention, readiness, and security.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable</p>		

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION

AR Center, Fort Shafter, Hawaii

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-67583
---	---------------------------------------

ADDITIONAL: (CONTINUED)

principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JUL 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... JUN 2008
 - (d) Date Design Complete..... DEC 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,320
 - (b) All Other Design Costs..... 604
 - (c) Total Design Cost..... 1,924
 - (d) Contract..... 1,539
 - (e) In-house..... 385

- (4) Construction Contract Award..... JAN 2009

- (5) Construction Start..... FEB 2009

- (6) Construction Completion..... FEB 2011

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Fort Shafter, Hawaii

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-67583
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furniture	OMAR	2010	1,960
Collateral Equipment	OMAR	2009	1,681
Info Sys - ISC	OPA	2010	20
Info Sys - PROP	OMAR	2010	85
		TOTAL	<u>3,746</u>

Point of Contact: Mike Sugimura, 703-601-1936

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																															
3. INSTALLATION AND LOCATION AR Center Hayden Lake, Idaho		4. AREA CONSTRUCTION COST INDEX 1.03																															
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 1 weekends/month 1 nights/week Full-Time Personnel - 5 days/week																																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG Post Falls, ID 6.00 miles Armory ARNG Coeur D Alene, ID 10.00 miles Armory USAR Spokane Valley, WA 20.00 miles Center																																	
7. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY <table style="width:100%; border:none;"> <thead> <tr> <th style="text-align:left;"><u>CODE</u></th> <th style="text-align:left;"><u>PROJECT TITLE</u></th> <th style="text-align:left;"><u>SCOPE</u></th> <th style="text-align:right;"><u>COST</u> <u>(\$000)</u></th> <th style="text-align:right;"><u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td>171</td> <td>Army Reserve Center/Land</td> <td>3,040 m2 (32,720 SF)</td> <td style="text-align:right;">9,580</td> <td style="text-align:right;">JUL 2007 DEC 2008</td> </tr> </tbody> </table>			<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>	171	Army Reserve Center/Land	3,040 m2 (32,720 SF)	9,580	JUL 2007 DEC 2008																					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>																													
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9. LAND ACQUISITION REQUIRED Fee / Simple <u>8.00</u> (Number of acres)																																	
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NONE																																	
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0																															
11. PERSONNEL STRENGTH AS OF 30 JUN 2007 <table style="width:100%; border:none;"> <thead> <tr> <th rowspan="2"></th> <th colspan="4" style="text-align:center;"><u>PERMANENT</u></th> <th colspan="3" style="text-align:center;"><u>GUARD/RESERVE</u></th> </tr> <tr> <th style="text-align:center;"><u>TOTAL</u></th> <th style="text-align:center;"><u>OFFICER</u></th> <th style="text-align:center;"><u>ENLISTED</u></th> <th style="text-align:center;"><u>CIVILIAN</u></th> <th style="text-align:center;"><u>TOTAL</u></th> <th style="text-align:center;"><u>OFFICER</u></th> <th style="text-align:center;"><u>ENLISTED</u></th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td style="text-align:center;">4</td> <td style="text-align:center;">0</td> <td style="text-align:center;">4</td> <td style="text-align:center;">0</td> <td style="text-align:center;">128</td> <td style="text-align:center;">5</td> <td style="text-align:center;">123</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align:center;">4</td> <td style="text-align:center;">0</td> <td style="text-align:center;">4</td> <td style="text-align:center;">0</td> <td style="text-align:center;">110</td> <td style="text-align:center;">5</td> <td style="text-align:center;">105</td> </tr> </tbody> </table>				<u>PERMANENT</u>				<u>GUARD/RESERVE</u>			<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	AUTHORIZED	4	0	4	0	128	5	123	ACTUAL	4	0	4	0	110	5	105
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>																												
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>																										
AUTHORIZED	4	0	4	0	128	5	123																										
ACTUAL	4	0	4	0	110	5	105																										

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008
3. INSTALLATION AND LOCATION AR Center Hayden Lake, Idaho		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 85%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
455 ENG CO, PLT 1 ASSAULT	28	25
455 ENG CO, PLT 2 ASSAULT	28	24
455 ENG CO, PLT 3 COUNTERMOB	40	36
455 ENG CO, PLT 4 MAINT TM	16	12
455 ENG CO, HQ CO	<u>16</u>	<u>13</u>
Totals	128	110
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	20	16
TRAILERS	36	24
TRACKED	<u>26</u>	<u>19</u>
TOTALS	82	59
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Hayden Lake, Idaho			4.PROJECT TITLE AR Center/OMS/Unheated Storage		
5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-67654	8.PROJECT COST (\$000) Auth 9,580 Approp 9,580		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					7,172
Land Purchase	ha (AC)	3.24 (8)		55,683	(180)
Army Reserve Center Building	m2 (SF)	2,271 (24,449)		2,080	(4,725)
Vehicle Maintenance Shop	m2 (SF)	683.58 (7,358)		2,589	(1,770)
Unheated Storage Building	m2 (SF)	84.82 (913)		1,166	(99)
Organizational Parking	m2 (SY)	2,651 (3,170)		41.62	(110)
Total from Continuation page					(288)
<u>SUPPORTING FACILITIES</u>					1,459
Electric Service	LS	--		--	(189)
Water, Sewer, Gas	LS	--		--	(252)
Paving, Walks, Curbs & Gutters	LS	--		--	(101)
Storm Drainage	LS	--		--	(63)
Site Imp(763) Demo()	LS	--		--	(763)
Information Systems	LS	--		--	(76)
Antiterrorism Measures	LS	--		--	(15)
ESTIMATED CONTRACT COST					8,631
CONTINGENCY PERCENT (5.00%)					432
SUBTOTAL					9,063
SUPV, INSP & OVERHEAD (5.70%)					517
TOTAL REQUEST					9,580
TOTAL REQUEST (ROUNDED)					9,580
INSTALLED EQT-OTHER APPROP					(983)
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, Heating, Ventilation, and Air Conditioning (HVAC), plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 232 kW/66 Tons).					
11. REQ:	3,040 m2	ADQT:	NONE	SUBSTD:	1,029 m2
PROJECT: Land acquisition and construction of an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)					

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION

AR Center, Hayden Lake, Idaho

4. PROJECT TITLE

AR Center/OMS/Unheated Storage

5. PROJECT NUMBER

CAR 09-67654

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(137)
Antiterrorism Measures	LS	--	--	(69)
Building Information Systems	LS	--	--	(82)
			Total	288

REQUIREMENT: This project will provide land and a 150-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for five Army Reserve units. The maintenance shop will provide work bays and maintenance administrative support. The project will also provide adequate parking space for all military and privately-owned vehicles.

CURRENT SITUATION: The Private Lloyd G. McCarter United States Army Reserve Center (USARC) is located on 4.6 acres in Hayden Lake, ID and consists of an 8,510 square feet training building, 1,228 square feet maintenance shop, 1,032 square feet storage building, and 310 square feet unheated storage building. Constructed in 1973 this facility is occupied by two Army Reserve units and is utilized at 246 percent. These facilities are not adequately sized or configured to accommodate required administrative, classroom, storage, or special training areas. The existing land is leased and is not adequate in size to meet required anti-terrorism/force protection standards. This facility will be properly disposed upon completion of this project (11,080 square feet).

IMPACT IF NOT PROVIDED: If this project is not provided, the units will be forced to operate and train in facilities not properly configured to allow the most effective training to complete mission requirements. This will continue to have a negative impact on training and retention objectives.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Hayden Lake, Idaho

4. PROJECT TITLE AR Center/OMS/Unheated Storage	5. PROJECT NUMBER CAR 09-67654
--	-----------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JUL 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... JUN 2008
 - (d) Date Design Complete..... DEC 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 576
 - (b) All Other Design Costs..... 304
 - (c) Total Design Cost..... 880
 - (d) Contract..... 704
 - (e) In-house..... 176

- (4) Construction Contract Award..... JAN 2009
- (5) Construction Start..... FEB 2009
- (6) Construction Completion..... AUG 2010

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>
Furniture	OMAR	2010	509
Collateral Equipment	OMAR	2009	436
Info Sys - ISC	OPA	2010	8
Info Sys - PROP	OMAR	2010	30
		TOTAL	<u>983</u>

Point of Contact: MAJ Lawson, 703-601-1940

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 01 FEB 2008				
3. INSTALLATION AND LOCATION AR Center Dodge City, Kansas		4. AREA CONSTRUCTION COST INDEX .93					
5. FREQUENCY AND TYPE OF UTILIZATION							
Reservist	-	1 weekends/month	1 nights/week				
Full-Time Personnel	-	5 days/week					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Dodge City, KS	1.00 miles	Center				
ARNG	Larned, KS	56.00 miles	Center				
ARNG	Garden City, KS	49.00 miles	Center				
USAR	Garden City, KS	49.00 miles	Center				
USAR	Great Bend, KS	79.00 miles	Center				
7. PROJECTS REQUESTED IN THIS PROGRAM:							
CATEGORY		COST	DESIGN STATUS				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>				
17140	Army Reserve Center/Land	3,008 m2 (32,375 SF)	8,100 OCT 2007 SEP 2008				
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.			25 OCT 2006 (Date)				
9. LAND ACQUISITION REQUIRED							
Fee - Simple			8.00 (Number of acres)				
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		SCOPE	COST				
<u>CODE</u>	<u>PROJECT TITLE</u>		<u>(\$000)</u>				
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0					
11. PERSONNEL STRENGTH AS OF 20 DEC 2007							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	0	0	0	0	159	4	155
ACTUAL	0	0	0	0	159	4	155

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008	
3. INSTALLATION AND LOCATION AR Center Dodge City, Kansas			
12. RESERVE UNIT DATA AUTHORIZED Assigned/Authorized: 100%			
<u>UNIT DESIGNATION</u>		<u>STRENGTH</u>	
		<u>AUTHORIZED</u>	<u>ACTUAL</u>
374 Military Police Company (Guard)		90	90
374 Military Police Company (Guard)		<u>69</u>	<u>69</u>
Totals		159	159
13. MAJOR EQUIPMENT AND AIRCRAFT			
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	
WHEELED	19	12	
TRAILERS	<u>17</u>	<u>11</u>	
TOTALS	36	23	
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES			
		(\$000)	
A. AIR POLLUTION	0		
B. WATER POLLUTION	0		
C. OCCUPATIONAL SAFETY AND HEALTH	0		

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Dodge City, Kansas				4.PROJECT TITLE Army Reserve Center/Land		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-69456		8.PROJECT COST (\$000) Auth 8,100 Approp 8,100	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,053
Land Purchase		ha (AC)	3.24 (8)		29,630	(96)
Army Reserve Center Building		m2 (SF)	2,636 (28,379)		1,848	(4,873)
Vehicle Maintenance Shop		m2 (SF)	286.42 (3,083)		2,509	(718)
Unheated Storage Building		m2 (SF)	84.82 (913)		1,050	(89)
Organizational Parking		m2 (SY)	1,028 (1,230)		37.48	(39)
Total from Continuation page						(238)
<u>SUPPORTING FACILITIES</u>						1,245
Electric Service		LS	--		--	(158)
Water, Sewer, Gas		LS	--		--	(210)
Paving, Walks, Curbs & Gutters		LS	--		--	(107)
Storm Drainage		LS	--		--	(53)
Site Imp(636) Demo()		LS	--		--	(636)
Information Systems		LS	--		--	(68)
Antiterrorism Measures		LS	--		--	(13)
ESTIMATED CONTRACT COST						7,298
CONTINGENCY PERCENT (5.00%)						<u>365</u>
SUBTOTAL						7,663
SUPV, INSP & OVERHEAD (5.70%)						<u>437</u>
TOTAL REQUEST						8,100
TOTAL REQUEST (ROUNDED)						8,100
INSTALLED EQT-OTHER APPROP						(1,077)
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, Heating, Ventilation, and Air Conditioning (HVAC), plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Physical security measures will be incorporated into design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Air Conditioning (Estimated 253 kW/72 Tons).						
11. REQ:		3,008 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: Land acquisition and construction of an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)						

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Dodge City, Kansas

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 09-69456
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(116)
Antiterrorism Measures	LS	--	--	(58)
Building Information Systems	LS	--	--	(64)
			Total	238

REQUIREMENT: This project will provide eight acres of land and a 150-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for two Army Reserve units. The maintenance shop will provide work bays and maintenance administrative support. The project will also provide adequate parking space for all military and privately-owned vehicles.

CURRENT SITUATION: The Army Reserve is undergoing a transformation of the existing force structure to support the additional Brigade Combat Teams (BCTs) currently activating within the Active Component. The unit(s) required in this project are part the Army's Combat Service Support (CSS) Reset Initiative to support the BCTs. The Army Reserve is activating new units currently not in the inventory to support the CSS reset. Existing facilities in the area do not have the capacity to house the unit personnel and equipment.

IMPACT IF NOT PROVIDED: The Army Reserve will not be able to provide facilities to support the activation of the new unit(s). The Army Reserve will not be able to support the new activating BCTs when they are deployed to meet current and future war fighting missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Dodge City, Kansas

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 09-69456
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... MAY 2008
 - (d) Date Design Complete..... SEP 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 486
 - (b) All Other Design Costs..... 527
 - (c) Total Design Cost..... 1,013
 - (d) Contract..... 810
 - (e) In-house..... 203

- (4) Construction Contract Award..... DEC 2008

- (5) Construction Start..... JAN 2009

- (6) Construction Completion..... JUL 2010

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>
Furniture	OMAR	2010	476
Collateral Equipment	OMAR	2009	408
Info Sys - ISC	OPA	2010	152
Info Sys - PROP	OMAR	2010	41
		TOTAL	<u>1,077</u>

Point of Contact: MAJ Lawson, 703-601-1943

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																																			
3. INSTALLATION AND LOCATION AR Center Baltimore, Maryland																																					
12. RESERVE UNIT DATA AUTHORIZED Assigned/Authorized: 100% <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;"><u>UNIT DESIGNATION</u></th> <th colspan="2" style="text-align: center;"><u>STRENGTH</u></th> </tr> <tr> <th style="text-align: center;"><u>AUTHORIZED</u></th> <th style="text-align: center;"><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>Headquarters Company Support</td> <td style="text-align: center;">25</td> <td style="text-align: center;">25</td> </tr> <tr> <td>Support Operations Section</td> <td style="text-align: center;">10</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Subsistence Support Platoon</td> <td style="text-align: center;">64</td> <td style="text-align: center;">64</td> </tr> <tr> <td>Area Support 1st Platoon</td> <td style="text-align: center;">26</td> <td style="text-align: center;">26</td> </tr> <tr> <td>MHE AUG 1st Team</td> <td style="text-align: center;">21</td> <td style="text-align: center;">21</td> </tr> <tr> <td>Area Support 2nd Platoon</td> <td style="text-align: center;">26</td> <td style="text-align: center;">26</td> </tr> <tr> <td>Area Support 3rd Platoon</td> <td style="text-align: center;">26</td> <td style="text-align: center;">26</td> </tr> <tr> <td>1188 DET (Port Management)</td> <td style="text-align: center;">24</td> <td style="text-align: center;">24</td> </tr> <tr> <td>421 DET (Terminatl Supervision)</td> <td style="text-align: center;"><u>21</u></td> <td style="text-align: center;"><u>21</u></td> </tr> <tr> <td>Totals</td> <td style="text-align: center;">243</td> <td style="text-align: center;">243</td> </tr> </tbody> </table>			<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>	Headquarters Company Support	25	25	Support Operations Section	10	10	Subsistence Support Platoon	64	64	Area Support 1st Platoon	26	26	MHE AUG 1st Team	21	21	Area Support 2nd Platoon	26	26	Area Support 3rd Platoon	26	26	1188 DET (Port Management)	24	24	421 DET (Terminatl Supervision)	<u>21</u>	<u>21</u>	Totals	243	243
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13. MAJOR EQUIPMENT AND AIRCRAFT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>TYPE</u></th> <th style="text-align: center;"><u>AUTHORIZED</u></th> <th style="text-align: center;"><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>WHEELED</td> <td style="text-align: center;">159</td> <td style="text-align: center;">98</td> </tr> <tr> <td>TRAILERS</td> <td style="text-align: center;"><u>38</u></td> <td style="text-align: center;"><u>26</u></td> </tr> <tr> <td>TOTALS</td> <td style="text-align: center;">197</td> <td style="text-align: center;">124</td> </tr> </tbody> </table>			<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	159	98	TRAILERS	<u>38</u>	<u>26</u>	TOTALS	197	124																							
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1. COMPONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 01 FEB 2008	
3. INSTALLATION AND LOCATION AR Center Baltimore, Maryland			4. PROJECT TITLE Army Reserve Center		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 09-69422	8. PROJECT COST (\$000) Auth 11,600 Approp 11,600		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					8,683
Army Reserve Center Building	m2 (SF)	3,404	(36,644)	1,830	(6,229)
Vehicle Maintenance Shop	m2 (SF)	747.22	(8,043)	2,336	(1,745)
Unheated Storage Building	m2 (SF)	155.33	(1,672)	989.12	(154)
Organizational Parking	m2 (SY)	5,452	(6,520)	37.89	(207)
SDD and EPAct05	LS	--	--	--	(170)
Total from Continuation page					(178)
<u>SUPPORTING FACILITIES</u>					1,768
Electric Service	LS	--	--	--	(230)
Water, Sewer, Gas	LS	--	--	--	(307)
Paving, Walks, Curbs & Gutters	LS	--	--	--	(144)
Storm Drainage	LS	--	--	--	(77)
Site Imp(912) Demo()	LS	--	--	--	(912)
Information Systems	LS	--	--	--	(80)
Antiterrorism Measures	LS	--	--	--	(18)
ESTIMATED CONTRACT COST					10,451
CONTINGENCY PERCENT (5.00%)					523
SUBTOTAL					10,974
SUPV, INSP & OVERHEAD (5.70%)					626
TOTAL REQUEST					11,600
TOTAL REQUEST (ROUNDED)					11,600
INSTALLED EQT-OTHER APPROP					(1,468)
10. Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include construction of an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, Heating, Ventilation, and Air Conditioning (HVAC), plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 327 kW/93 Tons).					
11. REQ: 4,307 m2 ADQT: NONE SUBSTD: NONE					
PROJECT: Construct an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)					

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008																									
3. INSTALLATION AND LOCATION AR Center, Baltimore, Maryland																											
4. PROJECT TITLE Army Reserve Center		5. PROJECT NUMBER CAR 09-69422																									
<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>Antiterrorism Measures</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(85)</td> </tr> <tr> <td>Building Information Systems</td> <td>LS</td> <td>--</td> <td>--</td> <td style="text-align: right;">(93)</td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: right;">Total</td> <td style="text-align: right;">178</td> </tr> </tbody> </table> <p><u>REQUIREMENT:</u> This project will provide on government land a 200-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for nine Army Reserve units. The maintenance shop will provide work bays and maintenance administrative support. The project will also provide adequate parking space for all military and privately-owned vehicles.</p> <p><u>CURRENT SITUATION:</u> The Army Reserve is undergoing a transformation of the existing force structure to support the additional Brigade Combat Teams (BCTs) currently activating within the Active Component. The unit(s) required in this project are part the Army's Combat Service Support (CSS) Reset Initiative to support the BCTs. The Army Reserve is activating new units currently not in the inventory to support the CSS reset. Existing facilities in the area do not have the capacity to house the unit personnel and equipment.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The Army Reserve will not be able to provide facilities to support the activation of the new unit(s). The Army Reserve will not be able to support the new activating BCTs when they are deployed to meet current and future war fighting missions.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.</p>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					Antiterrorism Measures	LS	--	--	(85)	Building Information Systems	LS	--	--	(93)				Total	178
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																							
<u>PRIMARY FACILITY (CONTINUED)</u>																											
Antiterrorism Measures	LS	--	--	(85)																							
Building Information Systems	LS	--	--	(93)																							
			Total	178																							
<p><u>12. SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p style="margin-left: 20px;">(1) Status:</p> <p style="margin-left: 40px;">(a) Date Design Started..... <u>OCT 2007</u></p> <p style="margin-left: 40px;">(b) Percent Complete As Of January 2008..... <u>15.00</u></p> <p style="margin-left: 40px;">(c) Date 35% Designed..... <u>MAY 2008</u></p>																											

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Baltimore, Maryland

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69422
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... SEP 2008
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 696
 - (b) All Other Design Costs..... 316
 - (c) Total Design Cost..... 1,012
 - (d) Contract..... 809
 - (e) In-house..... 203

- (4) Construction Contract Award..... DEC 2008
- (5) Construction Start..... JAN 2009
- (6) Construction Completion..... JUL 2010

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>
Furniture	OMAR	2010	681
Collateral Equipment	OMAR	2009	584
Info Sys - ISC	OPA	2010	152
Info Sys - PROP	OMAR	2010	51
		TOTAL	<u>1,468</u>

Point of Contact: MAJ Lawson, 703-601-1943

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 01 FEB 2008																				
3. INSTALLATION AND LOCATION Ft Devens Devens, Massachusetts		4. AREA CONSTRUCTION COST INDEX 1.22																					
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS <table border="0"> <tr><td>USAR</td><td>Ayer, MA</td><td>1.00 miles</td><td>Center</td></tr> <tr><td>USAR</td><td>Ayer, MA</td><td>1.00 miles</td><td>Center</td></tr> <tr><td>USAR</td><td>Devens, MA</td><td>1.00 miles</td><td>Center</td></tr> <tr><td>ARNG</td><td>Hudson, MA</td><td>11.00 miles</td><td>Armory</td></tr> <tr><td>USMC</td><td>Marlborough, MA</td><td>14.00 miles</td><td>Center</td></tr> </table>				USAR	Ayer, MA	1.00 miles	Center	USAR	Ayer, MA	1.00 miles	Center	USAR	Devens, MA	1.00 miles	Center	ARNG	Hudson, MA	11.00 miles	Armory	USMC	Marlborough, MA	14.00 miles	Center
USAR	Ayer, MA	1.00 miles	Center																				
USAR	Ayer, MA	1.00 miles	Center																				
USAR	Devens, MA	1.00 miles	Center																				
ARNG	Hudson, MA	11.00 miles	Armory																				
USMC	Marlborough, MA	14.00 miles	Center																				
7. PROJECTS REQUESTED IN THIS PROGRAM:																							
CATEGORY		COST	DESIGN STATUS																				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>																				
178	Shoothouse	432 m2 (4,648 SF)	1,900 JUL 2007 DEC 2008																				
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION. 15 DEC 2005 (Date)																							
9. LAND ACQUISITION REQUIRED None (Number of acres)																							
10. PROJECTS PLANNED IN NEXT FOUR YEARS																							
CATEGORY		SCOPE	COST																				
<u>CODE</u>	<u>PROJECT TITLE</u>		<u>(\$000)</u>																				
178	Baffle Range Upgrade FY 2013	10 PN (10 PN)	1,000																				
178	Modified Record Fire Range Upgrade FY 2013	9 FP (9 FP)	3,500																				
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0																					
11. PERSONNEL STRENGTH AS OF N/A																							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>																		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>																
AUTHORIZED	0	0	0	0	0	0	0																
ACTUAL	0	0	0	0	0	0	0																

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008										
3. INSTALLATION AND LOCATION Ft Devens Devens, Massachusetts												
12. RESERVE UNIT DATA AUTHORIZED Assigned/Authorized: 0% <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>UNIT DESIGNATION</u></th> <th colspan="2" style="text-align: center;"><u>STRENGTH</u></th> </tr> <tr> <th></th> <th style="text-align: center;"><u>AUTHORIZED</u></th> <th style="text-align: center;"><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>Totals</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>				<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>			<u>AUTHORIZED</u>	<u>ACTUAL</u>	Totals	0	0
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>											
	<u>AUTHORIZED</u>	<u>ACTUAL</u>										
Totals	0	0										
13. MAJOR EQUIPMENT AND AIRCRAFT NONE												
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <table border="0" style="width: 100%;"> <thead> <tr> <th></th> <th style="text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>					(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0	
	(\$000)											
A. AIR POLLUTION	0											
B. WATER POLLUTION	0											
C. OCCUPATIONAL SAFETY AND HEALTH	0											

1.COMPONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION Ft Devens Massachusetts				4.PROJECT TITLE Shoothouse		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 178	7.PROJECT NUMBER CAR 09-65949		8.PROJECT COST (\$000) Auth 1,900 Approp 1,900	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,618
Live Fire Exercise Shoothouse		m2 (SF)	231.89 (	2,496)	4,416	(1,024)
General Instruction Building		m2 (SF)	107.02 (	1,152)	2,107	(226)
Range Operations and Storage Bu		m2 (SF)	74.32 (	800)	1,779	(132)
Separate Toilet/Shower Building		m2 (SF)	18.58 (	200)	3,092	(57)
Range Operation and Control Are		EA	1 --		178,639	(179)
<u>SUPPORTING FACILITIES</u>						94
Electric Service		LS	--		--	(23)
Paving, Walks, Curbs & Gutters		LS	--		--	(60)
Site Imp(11) Demo()		LS	--		--	(11)
ESTIMATED CONTRACT COST						1,712
CONTINGENCY PERCENT (5.00%)						86
SUBTOTAL						1,798
SUPV, INSP & OVERHEAD (5.70%)						102
TOTAL REQUEST						1,900
TOTAL REQUEST (ROUNDED)						1,900
INSTALLED EQT-OTHER APPROP						(848)
10.Description of Proposed Construction Construct a modified standard design two-story Live Fire Exercise Shoothouse. Primary facilities include the shoothouse, command and control/after action review (AAR) building, maintenance/storage building, and latrines. Supporting facilities include electrical, sewage, communications, security lighting, fencing, and other site improvements. Air Conditioning (Estimated 21 kW/6 Tons).						
11. REQ: 432 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a modified standard design two-story Live Fire Exercise Shoothouse. (Current Mission)						
REQUIREMENT: This project is required to support annual weapons training at Fort Devens with an annual training load of over 30,000 Soldiers. This is one of Fort Devens most critical training facility requirements. This range is used to allow a leader to train and test individual Soldiers on the skills necessary to identify, engage and defeat targets in an urban live fire scenario with the M16 & M4 rifles. Fort Devens supports Army Reserve and National Guard forces as one of the four main power projection platforms. Modern, target dense training environments are important skill qualifiers for individual Soldiers.						

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION

Ft Devens, Massachusetts

4. PROJECT TITLE Shoothouse	5. PROJECT NUMBER CAR 09-65949
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CURRENT SITUATION: Currently, unit urban weapons training is done on an inadequate range that results in longer range periods and nonstandard weapon techniques in order to adjust to range physical limitations. The tenets of training are to continue to instill standards and consistent discipline of process. Nonstandard training ranges defeats this basic training tenant. Current ranges are not standard reducing target acquisition opportunities requiring adjustments to engagement scenarios. Target systems are non-responsive which defeats training discipline standards. This reduces throughput and requires longer training events. The goal of weapons training is focused on applying steel on target. Nonstandard ranges with limited engagement opportunities restricts this goal.

IMPACT IF NOT PROVIDED: If this project is not provided, over 30,000 Army Reserve and National Guard Soldiers will not be able to train to current standards and requirements. Soldiers will continue to train on sub and nonstandard training facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JUL 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... JUN 2008
 - (d) Date Design Complete..... DEC 2008
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 102
 - (b) All Other Design Costs..... 70
 - (c) Total Design Cost..... 172
 - (d) Contract..... 138
 - (e) In-house..... 34

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
Ft Devens, Massachusetts

4. PROJECT TITLE Shoothouse	5. PROJECT NUMBER CAR 09-65949
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... JAN 2009
- (5) Construction Start..... FEB 2009
- (6) Construction Completion..... FEB 2010

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>
Targetry	OPA	2009	848
		TOTAL	848

Point of Contact: LTC Farrell, 703-602-1410

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																															
3. INSTALLATION AND LOCATION AR Center Saginaw, Michigan		4. AREA CONSTRUCTION COST INDEX 1.11																															
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 2 weekends/month 4 nights/week Full-Time Personnel - 5 days/week																																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS <table style="width:100%; border:none;"> <tr><td>USAR</td><td>Bay City, MI</td><td>18.00 miles</td><td>Center</td></tr> <tr><td>ARNG</td><td>Bay City, MI</td><td>18.00 miles</td><td>Center</td></tr> <tr><td>USAR</td><td>Flint, MI</td><td>16.00 miles</td><td>Center</td></tr> <tr><td>ARNG</td><td>Saginaw, MI</td><td>5.00 miles</td><td>Center</td></tr> <tr><td>USAR</td><td>Saginaw, MI</td><td>5.00 miles</td><td>Center</td></tr> </table>			USAR	Bay City, MI	18.00 miles	Center	ARNG	Bay City, MI	18.00 miles	Center	USAR	Flint, MI	16.00 miles	Center	ARNG	Saginaw, MI	5.00 miles	Center	USAR	Saginaw, MI	5.00 miles	Center											
USAR	Bay City, MI	18.00 miles	Center																														
ARNG	Bay City, MI	18.00 miles	Center																														
USAR	Flint, MI	16.00 miles	Center																														
ARNG	Saginaw, MI	5.00 miles	Center																														
USAR	Saginaw, MI	5.00 miles	Center																														
7. PROJECTS REQUESTED IN THIS PROGRAM: <table style="width:100%; border:none;"> <thead> <tr> <th colspan="2">CATEGORY</th> <th></th> <th>COST</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th><u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>SCOPE</u></th> <th><u>(\$000)</u></th> <th><u>START</u></th> <th><u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td>17140</td> <td>Army Reserve Center/Land</td> <td>3,494 m2 (37,609 SF)</td> <td>11,500</td> <td>OCT 2007</td> <td>SEP 2008</td> </tr> </tbody> </table>			CATEGORY			COST	DESIGN STATUS		<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>	17140	Army Reserve Center/Land	3,494 m2 (37,609 SF)	11,500	OCT 2007	SEP 2008													
CATEGORY			COST	DESIGN STATUS																													
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>CMPL</u>																												
17140	Army Reserve Center/Land	3,494 m2 (37,609 SF)	11,500	OCT 2007	SEP 2008																												
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION. <u>16 FEB 2005</u> (Date)																																	
9. LAND ACQUISITION REQUIRED Fee - Simple <u>8.00</u> (Number of acres)																																	
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table style="width:100%; border:none;"> <thead> <tr> <th>CATEGORY</th> <th></th> <th>COST</th> </tr> <tr> <th><u>CODE</u></th> <th><u>PROJECT TITLE</u></th> <th><u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>NONE</td> <td></td> <td></td> </tr> <tr> <td>DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):</td> <td style="text-align:center;">0</td> <td></td> </tr> </tbody> </table> <p>A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.</p>			CATEGORY		COST	<u>CODE</u>	<u>PROJECT TITLE</u>	<u>(\$000)</u>	NONE			DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):	0																				
CATEGORY		COST																															
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>(\$000)</u>																															
NONE																																	
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):	0																																
11. PERSONNEL STRENGTH AS OF 04 JAN 2008 <table style="width:100%; border:none;"> <thead> <tr> <th rowspan="2"></th> <th colspan="4"><u>PERMANENT</u></th> <th colspan="3"><u>GUARD/RESERVE</u></th> </tr> <tr> <th><u>TOTAL</u></th> <th><u>OFFICER</u></th> <th><u>ENLISTED</u></th> <th><u>CIVILIAN</u></th> <th><u>TOTAL</u></th> <th><u>OFFICER</u></th> <th><u>ENLISTED</u></th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td style="text-align:center;">9</td> <td style="text-align:center;">0</td> <td style="text-align:center;">8</td> <td style="text-align:center;">1</td> <td style="text-align:center;">162</td> <td style="text-align:center;">5</td> <td style="text-align:center;">157</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align:center;">9</td> <td style="text-align:center;">0</td> <td style="text-align:center;">8</td> <td style="text-align:center;">1</td> <td style="text-align:center;">162</td> <td style="text-align:center;">5</td> <td style="text-align:center;">157</td> </tr> </tbody> </table>				<u>PERMANENT</u>				<u>GUARD/RESERVE</u>			<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	AUTHORIZED	9	0	8	1	162	5	157	ACTUAL	9	0	8	1	162	5	157
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>																												
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>																										
AUTHORIZED	9	0	8	1	162	5	157																										
ACTUAL	9	0	8	1	162	5	157																										

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008
3. INSTALLATION AND LOCATION AR Center Saginaw, Michigan		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
Inland Cargo Transfer Company	162	162
	<u>0</u>	<u>0</u>
Totals	162	162
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	68	41
TRAILERS	<u>130</u>	<u>78</u>
TOTALS	198	119
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Saginaw, Michigan			4.PROJECT TITLE Army Reserve Center/Land		
5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-69465	8.PROJECT COST (\$000) Auth 11,500 Approp 11,500		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				8,590	
Land Purchase	ha (AC)	3.24 (8)	49,383	(160)	
Army Reserve Center Building	m2 (SF)	2,833 (30,490)	2,161	(6,121)	
Vehicle Maintenance Shop	m2 (SF)	576.56 (6,206)	2,826	(1,629)	
Unheated Storage Building	m2 (SF)	84.82 (913)	1,156	(98)	
Organizational Parking	m2 (SY)	5,176 (6,190)	44.74	(232)	
Total from Continuation page				(350)	
<u>SUPPORTING FACILITIES</u>				1,772	
Electric Service	LS	--	--	(232)	
Water, Sewer, Gas	LS	--	--	(309)	
Paving, Walks, Curbs & Gutters	LS	--	--	(139)	
Storm Drainage	LS	--	--	(78)	
Site Imp(909) Demo()	LS	--	--	(909)	
Information Systems	LS	--	--	(87)	
Antiterrorism Measures	LS	--	--	(18)	
ESTIMATED CONTRACT COST				10,362	
CONTINGENCY PERCENT (5.00%)				518	
SUBTOTAL				10,880	
SUPV, INSP & OVERHEAD (5.70%)				620	
TOTAL REQUEST				11,500	
TOTAL REQUEST (ROUNDED)				11,500	
INSTALLED EQT-OTHER APPROP				(1,658)	
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, Heating, Ventilation, and Air Conditioning (HVAC), plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 313 kW/89 Tons).					
11. REQ:	3,494 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Land acquisition and construction of an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)					

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008		
3. INSTALLATION AND LOCATION AR Center, Saginaw, Michigan				
4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 09-69465			
9. COST ESTIMATES (CONTINUED)				
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(172)
Antiterrorism Measures	LS	--	--	(86)
Building Information Systems	LS	--	--	(92)
			Total	350
<p><u>REQUIREMENT:</u> This project will provide land and a 150-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for two Army Reserve units. The maintenance shop will provide work bays for training and maintenance administrative support for military equipment stored at this facility. This project will also provide an organizational storage building and adequate parking spaces for all military and privately-owned vehicles.</p>				
<p><u>CURRENT SITUATION:</u> The Army Reserve is undergoing a transformation of the existing force structure to support the additional Brigade Combat Teams (BCTs) currently activating within the Active Component. The unit(s) required in this project are part the Army's Combat Service Support (CSS) Reset Initiative to support the BCTs. The Army Reserve is activating new units currently not in the inventory to support the CSS reset. Existing facilities in the area do not have the capacity to house the unit personnel and equipment.</p>				
<p><u>IMPACT IF NOT PROVIDED:</u> The Army Reserve will not be able to provide facilities to support the activation of the new unit(s). The Army Reserve will not be able to support the new activating BCTs when they are deployed to meet current and future war fighting missions.</p>				
<p><u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.</p>				

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Saginaw, Michigan

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 09-69465
--	-----------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... MAY 2008
 - (d) Date Design Complete..... SEP 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 816
 - (b) All Other Design Costs..... 410
 - (c) Total Design Cost..... 1,226
 - (d) Contract..... 981
 - (e) In-house..... 245

- (4) Construction Contract Award..... DEC 2008

- (5) Construction Start..... JAN 2009

- (6) Construction Completion..... JUL 2010

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>
Furniture	OMAR	2010	788
Collateral Equipment	OMAR	2009	676
Info Sys - ISC	OPA	2010	153
Info Sys - PROP	OMAR	2010	41
		TOTAL	<u>1,658</u>

Point of Contact: MAJ Jackson, 703-601-1938

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 01 FEB 2008				
3. INSTALLATION AND LOCATION AR Center Weldon Springs, Missouri		4. AREA CONSTRUCTION COST INDEX 1.11					
5. FREQUENCY AND TYPE OF UTILIZATION							
Reservist	-	3 weekends/month	3 nights/week				
Full-Time Personnel	-	5 days/week					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
USAR	ST LOUIS, MO	1.00 miles	CENTER				
ARNG	ST LOUIS, MO	5.00 miles	CENTER				
ARNG	BRIDGETON, MO	8.00 miles	CENTER				
USAR	ST LOUIS, MO	9.00 miles	CENTER				
ARNG	JEFFERSON BARRACKS,	13.00 miles	CENTER				
7. PROJECTS REQUESTED IN THIS PROGRAM:							
CATEGORY		COST	DESIGN STATUS				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>				
17140	Army Reserve Center	3,570 m2 (38,430 SF)	11,700 OCT 2007 SEP 2008				
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.			<u>26 OCT 2006</u> (Date)				
9. LAND ACQUISITION REQUIRED							
NONE			<u>0</u> (Number of acres)				
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		SCOPE	COST				
<u>CODE</u>	<u>PROJECT TITLE</u>		<u>(\$000)</u>				
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0					
11. PERSONNEL STRENGTH AS OF 04 JAN 2008							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	2	0	1	1	157	6	151
ACTUAL	2	0	1	1	157	6	151

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Weldon Springs, Missouri				4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-69426		8.PROJECT COST (\$000) Auth 11,700 Approp 11,700	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,889
Army Reserve Center Building		m2 (SF)	2,636 (28,374)		2,266	(5,972)
Vehicle Maintenance Shop		m2 (SF)	821.17 (8,839)		2,730	(2,242)
Unheated Storage Building		m2 (SF)	113.06 (1,217)		1,214	(137)
Organizational Parking		m2 (SY)	3,721 (4,450)		51.38	(191)
SDD and EPAct05		LS	--		--	(174)
Total from Continuation page						(173)
<u>SUPPORTING FACILITIES</u>						1,653
Electric Service		LS	--		--	(205)
Water, Sewer, Gas		LS	--		--	(273)
Paving, Walks, Curbs & Gutters		LS	--		--	(139)
Storm Drainage		LS	--		--	(68)
Site Imp(867) Demo()		LS	--		--	(867)
Information Systems		LS	--		--	(86)
Antiterrorism Measures		LS	--		--	(15)
ESTIMATED CONTRACT COST						10,542
CONTINGENCY PERCENT (5.00%)						527
SUBTOTAL						11,069
SUPV, INSP & OVERHEAD (5.70%)						631
TOTAL REQUEST						11,700
TOTAL REQUEST (ROUNDED)						11,700
INSTALLED EQT-OTHER APPROP						(1,216)
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include construction of an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, Heating, Ventilation, and Air Conditioning (HVAC), plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 204 kW/58 Tons).						
11. REQ:		3,570 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)						

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION

AR Center, Weldon Springs, Missouri

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69426
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(87)
Building Information Systems	LS	--	--	(86)
			Total	173

REQUIREMENT: This project will provide, on existing federal land, a 150-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for six Army Reserve units. The maintenance shop will provide work bays for training and maintenance administrative support for military equipment stored at this facility. This project will also provide an organizational storage building and adequate parking spaces for all military and privately-owned vehicles.

CURRENT SITUATION: The Army Reserve is undergoing a transformation of the existing force structure to support the additional Brigade Combat Teams (BCTs) currently activating within the Active Component. The unit(s) required in this project are part the Army's Combat Service Support (CSS) Reset Initiative to support the BCTs. The Army Reserve is activating new units currently not in the inventory to support the CSS reset. Existing facilities in the area do not have the capacity to house the unit personnel and equipment.

IMPACT IF NOT PROVIDED: The Army Reserve will not be able to provide facilities to support the activation of the new unit(s). The Army Reserve will not be able to support the new activating BCTs when they are deployed to meet current and future war fighting missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Weldon Springs, Missouri

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69426
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... MAY 2008
 - (d) Date Design Complete..... SEP 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 600
 - (b) All Other Design Costs..... 309
 - (c) Total Design Cost..... 909
 - (d) Contract..... 727
 - (e) In-house..... 182
- (4) Construction Contract Award..... DEC 2008
- (5) Construction Start..... JAN 2009
- (6) Construction Completion..... JUL 2010

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>
Furniture	OMAR	2010	551
Collateral Equipment	OMAR	2009	472
Info Sys - ISC	OPA	2010	152
Info Sys - PROP	OMAR	2010	41
		TOTAL	<u>1,216</u>

Point of Contact: MAJ Lawson, 703-601-1943

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																					
3. INSTALLATION AND LOCATION AR Center Las Vegas, Nevada																							
12. RESERVE UNIT DATA AUTHORIZED <div style="text-align: right; margin-right: 100px;">Assigned/Authorized: 100%</div> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">UNIT DESIGNATION</th> <th colspan="2" style="text-align: center; border-bottom: 1px solid black;">STRENGTH</th> </tr> <tr> <th></th> <th style="text-align: center; border-bottom: 1px solid black;">AUTHORIZED</th> <th style="text-align: center; border-bottom: 1px solid black;">ACTUAL</th> </tr> </thead> <tbody> <tr> <td>Signal Company</td> <td style="text-align: center;">55</td> <td style="text-align: center;">55</td> </tr> <tr> <td>Hqs Bde Cbt Spt</td> <td style="text-align: center;">172</td> <td style="text-align: center;">172</td> </tr> <tr> <td>Inland Cargo Transfer Co</td> <td style="text-align: center;">162</td> <td style="text-align: center;">162</td> </tr> <tr> <td>HHD BSB ME Bde</td> <td style="text-align: center; border-top: 1px solid black;">344</td> <td style="text-align: center; border-top: 1px solid black;">344</td> </tr> <tr> <td>Totals</td> <td style="text-align: center;">733</td> <td style="text-align: center;">733</td> </tr> </tbody> </table>			UNIT DESIGNATION	STRENGTH			AUTHORIZED	ACTUAL	Signal Company	55	55	Hqs Bde Cbt Spt	172	172	Inland Cargo Transfer Co	162	162	HHD BSB ME Bde	344	344	Totals	733	733
UNIT DESIGNATION	STRENGTH																						
	AUTHORIZED	ACTUAL																					
Signal Company	55	55																					
Hqs Bde Cbt Spt	172	172																					
Inland Cargo Transfer Co	162	162																					
HHD BSB ME Bde	344	344																					
Totals	733	733																					
13. MAJOR EQUIPMENT AND AIRCRAFT <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">TYPE</th> <th style="text-align: center; border-bottom: 1px solid black;">AUTHORIZED</th> <th style="text-align: center; border-bottom: 1px solid black;">ACTUAL</th> </tr> </thead> <tbody> <tr> <td>WHEELED</td> <td style="text-align: center;">313</td> <td style="text-align: center;">189</td> </tr> <tr> <td>TRAILERS</td> <td style="text-align: center;">411</td> <td style="text-align: center;">249</td> </tr> <tr> <td>TRACKED</td> <td style="text-align: center; border-top: 1px solid black;">1</td> <td style="text-align: center; border-top: 1px solid black;">1</td> </tr> <tr> <td>TOTALS</td> <td style="text-align: center;">725</td> <td style="text-align: center;">439</td> </tr> </tbody> </table>			TYPE	AUTHORIZED	ACTUAL	WHEELED	313	189	TRAILERS	411	249	TRACKED	1	1	TOTALS	725	439						
TYPE	AUTHORIZED	ACTUAL																					
WHEELED	313	189																					
TRAILERS	411	249																					
TRACKED	1	1																					
TOTALS	725	439																					
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <div style="text-align: right; margin-right: 100px;">(\$000)</div> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: center;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: center;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: center;">0</td> </tr> </tbody> </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																						

1.COMONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 01 FEB 2008
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3.INSTALLATION AND LOCATION AR Center Las Vegas, Nevada	4.PROJECT TITLE Army Reserve Center
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5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-69436	8.PROJECT COST (\$000) Auth 33,900 Approp 33,900
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9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				25,379
Army Reserve Center Building	m2 (SF)	7,397 (79,618)	2,453	(18,142)
Vehicle Maintenance Shop	m2 (SF)	1,537 (16,540)	2,958	(4,546)
Unheated Storage Building	m2 (SF)	380.90 (4,100)	1,232	(469)
Organizational Vehicle Parking	m2 (SY)	18,955 (22,670)	59.82	(1,134)
SDD and EPAct05	LS	--	--	(504)
Total from Continuation page				(584)
<u>SUPPORTING FACILITIES</u>				5,166
Electric Service	LS	--	--	(730)
Water, Sewer, Gas	LS	--	--	(914)
Paving, Walks, Curbs & Gutters	LS	--	--	(419)
Storm Drainage	LS	--	--	(228)
Site Imp(2,690) Demo()	LS	--	--	(2,690)
Information Systems	LS	--	--	(134)
Antiterrorism Measures	LS	--	--	(51)

ESTIMATED CONTRACT COST				30,545
CONTINGENCY PERCENT (5.00%)				<u>1,527</u>
SUBTOTAL				32,072
SUPV, INSP & OVERHEAD (5.70%)				<u>1,828</u>
TOTAL REQUEST				33,900
TOTAL REQUEST (ROUNDED)				33,900
INSTALLED EQT-OTHER APPROP				(3,163)

10. Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with Heating, Ventilation, and Air Conditioning (HVAC), plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including entry control points, maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 805 kW/229 Tons).

11. REQ:	9,314 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)					

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center
Las Vegas, Nevada

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER 69436
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9. COST ESTIMATES (CONTINUED)

Item	U/M	Qty	Unit Cost	Cost (\$000)
PRIMARY FACILITY (CONTINUED)				584
Antiterrorism Measures	LS	--	--	(252)
Building Information Systems	LS	--	--	(332)

11. REQ: 100,258 SF ADQT: NONE SUBSTD: NONE
PROJECT:

Construct an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)

REQUIREMENT:
This project will require 50 acres on federal property or publicly withdrawn lands. This project will provide a 600-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for Army Reserve units. The maintenance shop will provide work bays for training and maintenance administrative support for military equipment stored at this facility. This project will also provide an organizational storage building and adequate parking spaces for all military and privately-owned vehicles.

CURRENT SITUATION:
The Army Reserve is undergoing a transformation of the existing force structure to support the additional Brigade Combat Teams (BCTs) currently activating within the Active Component. The unit(s) required in this project are part the Army's Combat Service Support (CSS) Reset Initiative to support the BCTs. The Army Reserve is activating new units currently not in the inventory to support the CSS reset. Existing facilities in the area do not have the capacity to house the unit personnel and equipment.

IMPACT IF NOT PROVIDED:
The Army Reserve will not be able to provide facilities to support the activation of the new unit(s). The Army Reserve will not be able to support the new activating BCTs when they are deployed to meet current and future war fighting missions.

ADDITIONAL:
This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project

1.COMONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 01 FEB 2008
------------------	--	-----------------------

3.INSTALLATION AND LOCATION
AR Center, Las Vegas, Nevada

4.PROJECT TITLE Army Reserve Center	5.PROJECT NUMBER CAR 09-69436
--	----------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... MAY 2008
 - (d) Date Design Complete..... SEP 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 2,040
 - (b) All Other Design Costs..... 70
 - (c) Total Design Cost..... 2,110
 - (d) Contract..... 1,688
 - (e) In-house..... 422

- (4) Construction Contract Award..... DEC 2008

- (5) Construction Start..... JAN 2009

- (6) Construction Completion..... JAN 2011

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>
Furniture	OMAR	2010	1,493
Collateral Equipment	OMAR	2009	1,280
Info Sys - ISC	OPA	2010	182
Info Sys - PROP	OMAR	2010	208
		TOTAL	<u>3,163</u>

Point of Contact: Mike Sugimura, 703-601-1936

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 01 FEB 2008																				
3. INSTALLATION AND LOCATION Fort Dix Fort Dix, New Jersey			4. AREA CONSTRUCTION COST INDEX 1.14																				
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS <table border="0"> <tr><td>ARNG</td><td>Fort Dix, NJ</td><td>1.00 miles</td><td>Armory</td></tr> <tr><td>ANG</td><td>McGuire AFB, NJ</td><td>2.00 miles</td><td>Base</td></tr> <tr><td>USAF</td><td>McGuire AFB, NJ</td><td>2.00 miles</td><td>Base</td></tr> <tr><td>ARNG</td><td>New Egypt, NJ</td><td>8.00 miles</td><td>Armory</td></tr> <tr><td>ARNG</td><td>Burlington, NJ</td><td>13.00 miles</td><td>Armory</td></tr> </table>				ARNG	Fort Dix, NJ	1.00 miles	Armory	ANG	McGuire AFB, NJ	2.00 miles	Base	USAF	McGuire AFB, NJ	2.00 miles	Base	ARNG	New Egypt, NJ	8.00 miles	Armory	ARNG	Burlington, NJ	13.00 miles	Armory
ARNG	Fort Dix, NJ	1.00 miles	Armory																				
ANG	McGuire AFB, NJ	2.00 miles	Base																				
USAF	McGuire AFB, NJ	2.00 miles	Base																				
ARNG	New Egypt, NJ	8.00 miles	Armory																				
ARNG	Burlington, NJ	13.00 miles	Armory																				
7. PROJECTS REQUESTED IN THIS PROGRAM:																							
CATEGORY																							
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u> <u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>																				
178	Modified Record Fire Range	1 EA (1 EA)	3,825 JUL 2007 DEC 2008																				
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION. <u>04 APR 2006</u> (Date)																							
9. LAND ACQUISITION REQUIRED None _____ (Number of acres)																							
10. PROJECTS PLANNED IN NEXT FOUR YEARS																							
CATEGORY																							
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>																				
171	Tactical Training Base FY 2012	4,887 m2 (52,600 SF)	11,464																				
171	CACTF Upgrade FY 2012	7 BG (7 BG)	15,000																				
721	AT MOB Billeting ORTC FY 2013	19,365 m2 (208,439 SF)	66,501																				
171	CACTF Ph II FY 2013	7 BG (7 BG)	14,733																				
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0																					
11. PERSONNEL STRENGTH AS OF N/A																							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>																		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>																
AUTHORIZED	0	0	0	0	0	0	0																
ACTUAL	0	0	0	0	0	0	0																

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008										
3. INSTALLATION AND LOCATION Fort Dix Fort Dix, New Jersey												
12. RESERVE UNIT DATA AUTHORIZED Assigned/Authorized: 0% <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;"><u>UNIT DESIGNATION</u></th> <th colspan="2" style="text-align: center;"><u>STRENGTH</u></th> </tr> <tr> <th></th> <th style="text-align: center;"><u>AUTHORIZED</u></th> <th style="text-align: center;"><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>Totals</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>				<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>			<u>AUTHORIZED</u>	<u>ACTUAL</u>	Totals	0	0
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>											
	<u>AUTHORIZED</u>	<u>ACTUAL</u>										
Totals	0	0										
13. MAJOR EQUIPMENT AND AIRCRAFT NONE												
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <table border="0" style="width: 100%;"> <thead> <tr> <th></th> <th style="text-align: right;">(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </tbody> </table>					(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0	
	(\$000)											
A. AIR POLLUTION	0											
B. WATER POLLUTION	0											
C. OCCUPATIONAL SAFETY AND HEALTH	0											

1.COMPONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION Fort Dix New Jersey				4.PROJECT TITLE Modified Record Fire Range		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 178	7.PROJECT NUMBER CAR 09-65951		8.PROJECT COST (\$000) Auth 3,825 Approp 3,825	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						3,418
Modified Record Fire		EA	1 --		2588863	(2,589)
Range Operations & Control Area		EA	1 --		73,653	(74)
Operations/Storage Building		m2 (SF)	74.32 (800)		1,862	(138)
General Instruction Building		m2 (SF)	74.32 (800)		1,621	(120)
Bleacher Enclosure		m2 (SF)	54.44 (586)		1,788	(97)
Total from Continuation page						(400)
SUPPORTING FACILITIES						29
Electric Service		LS	--		--	(29)
ESTIMATED CONTRACT COST						3,447
CONTINGENCY PERCENT (5.00%)						172
SUBTOTAL						3,619
SUPV, INSP & OVERHEAD (5.70%)						206
TOTAL REQUEST						3,825
TOTAL REQUEST (ROUNDED)						3,825
INSTALLED EQT-OTHER APPROP						(797)
10.Description of Proposed Construction Construct a standard Modified Record Fire Range. Primary facilities include firing lanes to standard width, target emplacements, downrange power and data, walk-in firing positions, stationary infantry target system, Range Operation Control Tower, Operations and Storage Building, General Instruction Building, Ammunition Issue Building, Covered Mess, Latrine, and Covered Bleachers. Support facilities include electrical power, water, sanitary sewer, communications, and access road upgrade. Air Conditioning (Estimated 21 kW/6 Tons).						
11. REQ: 16 FP ADQT: NONE SUBSTD: 16 FP PROJECT: Construct a standard Modified Record Fire Range. (Current Mission) REQUIREMENT: This project is required to support annual weapons training at Fort Dix with an annual training load of over 30,000 Soldiers. This is one of Fort Dix's most critical training facility requirements. This range is used to train and test individual Soldiers on the skills necessary to identify, engage and defeat stationary infantry targets for day/night qualification requirements with the M16 & M4 rifles. This range combines the capabilities of multiple ranges using target densities and lane widths. Fort Dix supports Army Reserve and National Guard forces as one of the four main power projection platforms. Modern, target dense training environments are important skill						

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
Fort Dix, New Jersey

4. PROJECT TITLE Modified Record Fire Range	5. PROJECT NUMBER CAR 09-65951
--	-----------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Covered Mess	m2 (SF)	72 (775)	1,285	(92)
Ammo Breakdown Building	m2 (SF)	10.78 (116)	4,207	(45)
Range Control Tower	m2 (SF)	47.57 (512)	5,529	(263)
			Total	400

REQUIREMENT: (CONTINUED)

qualifiers for individual Soldiers.

CURRENT SITUATION: Current lanes are not standard width or length, therefore reducing target acquisition opportunities requiring adjustments to engagement scenarios. Individual weapons training on an inadequate range results in longer range periods and nonstandard weapon techniques in order to adjust to range physical limitations. The tenets of training are to continue to instill standards and consistent discipline of process. Nonstandard training ranges defeats this basic training tenant. Target systems are nonresponsive which defeats training discipline standards. This reduces throughput and requires longer training events. The goal of weapons training is focused on applying steel on target. Nonstandard ranges with limited engagement opportunities restricts this goal.

IMPACT IF NOT PROVIDED: If this project is not provided, over 30,000 Army Reserve and National Guard Soldiers will not be able to train to current standards and requirements. Soldiers will continue to train on sub and nonstandard training facilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... JUL 2007
- (b) Percent Complete As Of January 2008..... 15.00
- (c) Date 35% Designed..... JUN 2008
- (d) Date Design Complete..... DEC 2008

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION

Fort Dix, New Jersey

4. PROJECT TITLE

Modified Record Fire Range

5. PROJECT NUMBER

CAR 09-65951

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: NO

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

- (a) Production of Plans and Specifications..... 210
- (b) All Other Design Costs..... 138
- (c) Total Design Cost..... 348
- (d) Contract..... 278
- (e) In-house..... 70

(4) Construction Contract Award..... JAN 2009

(5) Construction Start..... FEB 2009

(6) Construction Completion..... FEB 2010

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>
Targetry	OPA	2009	797
		TOTAL	<u>797</u>

Point of Contact: LTC Farrell, 703-602-1410

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008												
3. INSTALLATION AND LOCATION AR Center Kingston, New York		4. AREA CONSTRUCTION COST INDEX 1.04												
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week														
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS <table style="width:100%; border:none;"> <tr> <td style="width:10%;">ARNG</td> <td style="width:30%;">Kingston, NY</td> <td style="width:20%;">1.00 miles</td> <td style="width:40%;">Armory</td> </tr> <tr> <td>USMC</td> <td>Kingston, NY</td> <td>3.00 miles</td> <td>Center</td> </tr> <tr> <td>USAR</td> <td>Poughkeepsie, NY</td> <td>17.00 miles</td> <td>Center</td> </tr> </table>			ARNG	Kingston, NY	1.00 miles	Armory	USMC	Kingston, NY	3.00 miles	Center	USAR	Poughkeepsie, NY	17.00 miles	Center
ARNG	Kingston, NY	1.00 miles	Armory											
USMC	Kingston, NY	3.00 miles	Center											
USAR	Poughkeepsie, NY	17.00 miles	Center											
7. PROJECTS REQUESTED IN THIS PROGRAM:														
CATEGORY	COST	<u>DESIGN STATUS</u>												
<u>CODE</u> <u>PROJECT TITLE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>												
171 Army Reserve Center/Land	4,681 m2 (50,388 SF)	13,494 JUL 2007 DEC 2008												
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION. <u>18 NOV 2005</u> (Date)														
9. LAND ACQUISITION REQUIRED Fee / Simple <u>9.00</u> (Number of acres)														
10. PROJECTS PLANNED IN NEXT FOUR YEARS														
CATEGORY	SCOPE	COST												
<u>CODE</u> <u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>												
NONE														
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 0														
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.														
11. PERSONNEL STRENGTH AS OF 30 JUN 2007														
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>												
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>												
AUTHORIZED	29 4 12 13	176 27 149												
ACTUAL	20 2 12 6	160 4 156												

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008
3. INSTALLATION AND LOCATION AR Center Kingston, New York		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 90%		
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
Retention Office NY034	1	1
854 CO A BN (FWD SPT)	92	82
854 HSC BN (-)	<u>83</u>	<u>77</u>
Totals	176	160
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	77	47
TRAILERS	71	44
TRACKED	<u>2</u>	<u>2</u>
TOTALS	150	93
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Kingston, New York			4.PROJECT TITLE Army Reserve Center/Land		
5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-67580	8.PROJECT COST (\$000) Auth 13,494 Approp 13,494		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				10,929	
Land Purchase	ha (AC)	3.64 (9)	133,516	(486)	
Training Building	m2 (SF)	3,811 (41,026)	2,023	(7,710)	
Maintenance Building	m2 (SF)	756.69 (8,145)	2,600	(1,968)	
Unheated Storage	m2 (SF)	113.06 (1,217)	1,145	(129)	
Organizational Parking	m2 (SY)	4,156 (4,970)	42.19	(175)	
Total from Continuation page				(461)	
<u>SUPPORTING FACILITIES</u>				1,229	
Electric Service	LS	--	--	(175)	
Water, Sewer, Gas	LS	--	--	(275)	
Paving, Walks, Curbs & Gutters	LS	--	--	(113)	
Storm Drainage	LS	--	--	(60)	
Site Imp(511) Demo()	LS	--	--	(511)	
Information Systems	LS	--	--	(75)	
Antiterrorism Measures	LS	--	--	(20)	
ESTIMATED CONTRACT COST				12,158	
CONTINGENCY PERCENT (5.00%)				608	
SUBTOTAL				12,766	
SUPV, INSP & OVERHEAD (5.70%)				728	
TOTAL REQUEST				13,494	
TOTAL REQUEST (ROUNDED)				13,494	
INSTALLED EQT-OTHER APPROP				(1,772)	
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, Heating, Ventilation, and Air Conditioning (HVAC), plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 366 kW/104 Tons).					
11. REQ:	4,681 m2	ADQT:	NONE	SUBSTD:	1,548 m2
PROJECT: Land acquisition and construction of an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)					

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008		
3. INSTALLATION AND LOCATION AR Center, Kingston, New York				
4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 09-67580			
9. COST ESTIMATES (CONTINUED)				
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPact05	LS	--	--	(204)
Antiterrorism Measures	LS	--	--	(102)
Building Information Systems	LS	--	--	(155)
			Total	461
<u>REQUIREMENT:</u> This project will provide land and a 200-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for three Army Reserve units. The maintenance shop will provide work bays and maintenance administrative support. The project will also provide organizational storage and adequate parking space for all military and privately-owned vehicles.				
<u>CURRENT SITUATION:</u> The SSG Robert H. Dietz United States Army Reserve Center (USARC) is located on four acres of land in Kingston, NY and consists of an 11,692 square feet training building, 2,572 square feet OMS, and 2,400 square feet heated storage building. Constructed in 1960 this facility is occupied by two Army Reserve units and is utilized at 315 percent. These facilities are antiquated and have not been updated since the initial construction and are in need of extensive renovations. The training buildings are deficient in administrative, storage, and educational areas. There is insufficient area for military parking and the privately owned vehicle parking areas are inadequate as the Soldiers must park along the access road. This facility will be properly disposed upon completion of this project (totaling 16,664 square feet). No excess local schools are available.				
<u>IMPACT IF NOT PROVIDED:</u> If this project is not provided, the units will be forced to operate and train in facilities not properly configured to allow the most effective training to complete mission requirements. This will continue to have a negative impact on training and retention objectives.				
<u>ADDITIONAL:</u> This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.				

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Kingston, New York

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 09-67580
--	-----------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JUL 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... JUN 2008
 - (d) Date Design Complete..... DEC 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 800
 - (b) All Other Design Costs..... 505
 - (c) Total Design Cost..... 1,305
 - (d) Contract..... 1,044
 - (e) In-house..... 261

- (4) Construction Contract Award..... JAN 2009
- (5) Construction Start..... FEB 2009
- (6) Construction Completion..... AUG 2010

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>
Furniture	OMAR	2010	917
Collateral Equipment	OMAR	2009	786
Info Sys - ISC	OPA	2010	18
Info Sys - PROP	OMAR	2010	51
		TOTAL	<u>1,772</u>

Point of Contact: LTC Roberts, 703-601-7495

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 01 FEB 2008				
3. INSTALLATION AND LOCATION AR Center Shoreham, New York		4. AREA CONSTRUCTION COST INDEX 1.32					
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 1 nights/week Full-Time Personnel - 5 days/week							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR Rocky Point, NY 1.10 miles Center USCG East Moriches, NY 14.10 miles Center USAR Amityville, NY 30.00 miles Center							
7. PROJECTS REQUESTED IN THIS PROGRAM:							
CATEGORY		COST	DESIGN STATUS				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>				
17140	Add/Alt Army Reserve Center	5,325 m2 (57,315 SF)	15,031 JUL 2007 DEC 2008				
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.							
			18 NOV 2006 (Date)				
9. LAND ACQUISITION REQUIRED NONE							
			0 (Number of acres)				
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		SCOPE	COST				
<u>CODE</u>	<u>PROJECT TITLE</u>		<u>(\$000)</u>				
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0					
11. PERSONNEL STRENGTH AS OF 30 JUN 2007							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	19	1	13	5	411	57	354
ACTUAL	19	1	13	5	376	57	319

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																																
3. INSTALLATION AND LOCATION AR Center Shoreham, New York																																		
12. RESERVE UNIT DATA AUTHORIZED Assigned/Authorized: 100% <table border="1" data-bbox="142 338 1211 684"> <thead> <tr> <th rowspan="2"><u>UNIT DESIGNATION</u></th> <th colspan="2"><u>STRENGTH</u></th> </tr> <tr> <th><u>AUTHORIZED</u></th> <th><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>423rd Combat Support Compnay</td> <td>170</td> <td>170</td> </tr> <tr> <td>4220th US Army Hospital</td> <td>93</td> <td>93</td> </tr> <tr> <td>338th Company A (HUMINT)</td> <td>85</td> <td>85</td> </tr> <tr> <td>4220th Veterinary Detachment</td> <td>40</td> <td>40</td> </tr> <tr> <td>4220th Dental Services Detachment</td> <td>22</td> <td>22</td> </tr> <tr> <td>NY Retention Office</td> <td>1</td> <td>1</td> </tr> <tr> <td>408th Postal Platoon 3</td> <td>21</td> <td>21</td> </tr> <tr> <td>408th Postal Platoon 4</td> <td><u>21</u></td> <td><u>21</u></td> </tr> <tr> <td>Totals</td> <td>453</td> <td>453</td> </tr> </tbody> </table>			<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>	423rd Combat Support Compnay	170	170	4220th US Army Hospital	93	93	338th Company A (HUMINT)	85	85	4220th Veterinary Detachment	40	40	4220th Dental Services Detachment	22	22	NY Retention Office	1	1	408th Postal Platoon 3	21	21	408th Postal Platoon 4	<u>21</u>	<u>21</u>	Totals	453	453
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>																																	
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408th Postal Platoon 4	<u>21</u>	<u>21</u>																																
Totals	453	453																																
13. MAJOR EQUIPMENT AND AIRCRAFT <table border="1" data-bbox="277 816 1255 936"> <thead> <tr> <th><u>TYPE</u></th> <th><u>AUTHORIZED</u></th> <th><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>WHEELED</td> <td>69</td> <td>43</td> </tr> <tr> <td>TRAILERS</td> <td><u>35</u></td> <td><u>22</u></td> </tr> <tr> <td>TOTALS</td> <td>104</td> <td>65</td> </tr> </tbody> </table>			<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	69	43	TRAILERS	<u>35</u>	<u>22</u>	TOTALS	104	65																				
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																																
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TOTALS	104	65																																
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A. AIR POLLUTION	0																																	
B. WATER POLLUTION	0																																	
C. OCCUPATIONAL SAFETY AND HEALTH	0																																	

1.COMPONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Shoreham, New York				4.PROJECT TITLE Add/Alt Army Reserve Center		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-67579		8.PROJECT COST (\$000) Auth 15,031 Approp 15,031	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,103
Training Building Alteration		m2 (SF)	2,929 (31,530)		1,295	(3,793)
Training Building Addition		m2 (SF)	1,725 (18,570)		2,755	(4,753)
Maintenance Building		m2 (SF)	444.45 (4,784)		3,474	(1,544)
Unheated Storage Building		m2 (SF)	225.85 (2,431)		1,337	(302)
Organizational Parking		m2 (SY)	3,436 (4,110)		53.56	(184)
Total from Continuation page						(527)
<u>SUPPORTING FACILITIES</u>						2,440
Electric Service		LS	--		--	(133)
Water, Sewer, Gas		LS	--		--	(175)
Paving, Walks, Curbs & Gutters		LS	--		--	(198)
Storm Drainage		LS	--		--	(44)
Site Imp(526) Demo(457)		LS	--		--	(983)
Information Systems		LS	--		--	(127)
Antiterrorism Measures		LS	--		--	(35)
Temporary Lease		LS	--		--	(745)
ESTIMATED CONTRACT COST						13,543
CONTINGENCY PERCENT (5.00%)						677
SUBTOTAL						14,220
SUPV, INSP & OVERHEAD (5.70%)						811
TOTAL REQUEST						15,031
TOTAL REQUEST (ROUNDED)						15,031
INSTALLED EQT-OTHER APPROP						(1,831)
10.Description of Proposed Construction Construction addition and alteration of existing Army Reserve Center (ARC). Primary facilities include an addition and alteration to an existing ARC training building, construct new Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, heating, ventilating and air conditioning (HVAC) systems, plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 10 Buildings (TOTAL 320 m2/3,440 SF). Air Conditioning (Estimated 447 kWr/127 Tons).						
11. REQ:		5,325 m2	ADQT:		NONE	SUBSTD: 2,929 m2
PROJECT: Construction addition and alteration of an ARC training building,						

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION

AR Center, Shoreham, New York

4. PROJECT TITLE Add/Alt Army Reserve Center	5. PROJECT NUMBER CAR 09-67579
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ADDITIONAL: (CONTINUED)
of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JUL 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... JUN 2008
 - (d) Date Design Complete..... DEC 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 900
 - (b) All Other Design Costs..... 455
 - (c) Total Design Cost..... 1,355
 - (d) Contract..... 1,084
 - (e) In-house..... 271

- (4) Construction Contract Award..... JAN 2009

- (5) Construction Start..... FEB 2009

- (6) Construction Completion..... FEB 2011

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Shoreham, New York

4. PROJECT TITLE Add/Alt Army Reserve Center	5. PROJECT NUMBER CAR 09-67579
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furniture	OMAR	2010	948
Collateral Equipment	OMAR	2009	813
Info Sys - ISC	OPA	2010	19
Info Sys - PROP	OMAR	2010	51
		TOTAL	<u>1,831</u>

Point of Contact: LTC Roberts, 703-601-7495

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																															
3. INSTALLATION AND LOCATION AR Center Staten Island, New York		4. AREA CONSTRUCTION COST INDEX 1.46																															
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG Brooklyn, NY 2.00 miles Armory USAR Brooklyn, NY 5.00 miles Center USAR Fort Hamilton, NY 6.00 miles Center																																	
7. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY COST DESIGN STATUS <u>CODE</u> <u>PROJECT TITLE</u> <u>SCOPE</u> <u>(\$000)</u> <u>START</u> <u>CMPL</u> 17140 Army Reserve Center 4,527 m2 (48,733 SF) 18,550 OCT 2007 SEP 2008																																	
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION. _____ (Date)																																	
9. LAND ACQUISITION REQUIRED Permit _____ 10.00 (Number of acres)																																	
10. PROJECTS PLANNED IN NEXT FOUR YEARS CATEGORY COST <u>CODE</u> <u>PROJECT TITLE</u> <u>SCOPE</u> <u>(\$000)</u> NONE DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM): 0 A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.																																	
11. PERSONNEL STRENGTH AS OF 04 JAN 2008 <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="4" style="text-align: center; border-bottom: 1px solid black;">PERMANENT</th> <th colspan="3" style="text-align: center; border-bottom: 1px solid black;">GUARD/RESERVE</th> </tr> <tr> <th style="text-align: center;"><u>TOTAL</u></th> <th style="text-align: center;"><u>OFFICER</u></th> <th style="text-align: center;"><u>ENLISTED</u></th> <th style="text-align: center;"><u>CIVILIAN</u></th> <th style="text-align: center;"><u>TOTAL</u></th> <th style="text-align: center;"><u>OFFICER</u></th> <th style="text-align: center;"><u>ENLISTED</u></th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td style="text-align: center;">11</td> <td style="text-align: center;">2</td> <td style="text-align: center;">7</td> <td style="text-align: center;">2</td> <td style="text-align: center;">281</td> <td style="text-align: center;">16</td> <td style="text-align: center;">265</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align: center;">11</td> <td style="text-align: center;">2</td> <td style="text-align: center;">7</td> <td style="text-align: center;">2</td> <td style="text-align: center;">281</td> <td style="text-align: center;">16</td> <td style="text-align: center;">265</td> </tr> </tbody> </table>				PERMANENT				GUARD/RESERVE			<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	AUTHORIZED	11	2	7	2	281	16	265	ACTUAL	11	2	7	2	281	16	265
	PERMANENT				GUARD/RESERVE																												
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1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																																																		
3. INSTALLATION AND LOCATION AR Center Staten Island, New York																																																				
12. RESERVE UNIT DATA AUTHORIZED Assigned/Authorized: 100% <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;"><u>UNIT DESIGNATION</u></th> <th colspan="2" style="text-align: center;"><u>STRENGTH</u></th> </tr> <tr> <th style="text-align: center;"><u>AUTHORIZED</u></th> <th style="text-align: center;"><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr><td>Port Management Team</td><td style="text-align: right;">24</td><td style="text-align: right;">24</td></tr> <tr><td>Terminal Supervisory Team</td><td style="text-align: right;">21</td><td style="text-align: right;">21</td></tr> <tr><td>Auto Cargo Doc Taem</td><td style="text-align: right;">24</td><td style="text-align: right;">24</td></tr> <tr><td>Quatemaster Company</td><td style="text-align: right;">149</td><td style="text-align: right;">149</td></tr> <tr><td>QM Petrol Analysis team</td><td style="text-align: right;">2</td><td style="text-align: right;">2</td></tr> <tr><td>HR Company R5 Plan</td><td style="text-align: right;">9</td><td style="text-align: right;">9</td></tr> <tr><td>R5 Platoon Hqs</td><td style="text-align: right;">8</td><td style="text-align: right;">8</td></tr> <tr><td>R5 Platoon Hqs</td><td style="text-align: right;">8</td><td style="text-align: right;">8</td></tr> <tr><td>R5 Team</td><td style="text-align: right;">6</td><td style="text-align: right;">6</td></tr> <tr><td>Totals</td><td style="text-align: right; border-top: 1px solid black;">281</td><td style="text-align: right; border-top: 1px solid black;">281</td></tr> </tbody> </table>			<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>	Port Management Team	24	24	Terminal Supervisory Team	21	21	Auto Cargo Doc Taem	24	24	Quatemaster Company	149	149	QM Petrol Analysis team	2	2	HR Company R5 Plan	9	9	R5 Platoon Hqs	8	8	R5 Platoon Hqs	8	8	R5 Team	6	6	Totals	281	281															
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13. MAJOR EQUIPMENT AND AIRCRAFT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>TYPE</u></th> <th style="text-align: center;"><u>AUTHORIZED</u></th> <th style="text-align: center;"><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr><td>WHEELED</td><td style="text-align: right;">118</td><td style="text-align: right;">76</td></tr> <tr><td>TRAILERS</td><td style="text-align: right; border-top: 1px solid black;">58</td><td style="text-align: right; border-top: 1px solid black;">38</td></tr> <tr><td>TOTALS</td><td style="text-align: right;">176</td><td style="text-align: right;">114</td></tr> </tbody> </table>			<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	118	76	TRAILERS	58	38	TOTALS	176	114																																						
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14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <table style="width: 100%;"> <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.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Staten Island, New York				4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-69432		8.PROJECT COST (\$000) Auth 18,550 Approp 18,550	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						13,936
Army Reserve Center Building		m2 (SF)	3,680 (39,611)		2,841	(10,456)
Vehicle Maintenance Shop		m2 (SF)	565.31 (6,085)		3,753	(2,122)
Unheated Storage Building		m2 (SF)	282.15 (3,037)		1,520	(429)
Organizational Vehicle Parking		m2 (SY)	4,967 (5,940)		67.55	(335)
SDD and EPAct05		LS	--		--	(278)
Total from Continuation page						(316)
SUPPORTING FACILITIES						2,778
Electric Service		LS	--		--	(403)
Water, Sewer, Gas		LS	--		--	(536)
Paving, Walks, Curbs & Gutters		LS	--		--	(203)
Storm Drainage		LS	--		--	(134)
Site Imp(1,343) Demo()		LS	--		--	(1,343)
Information Systems		LS	--		--	(132)
Antiterrorism Measures		LS	--		--	(27)
ESTIMATED CONTRACT COST						16,714
CONTINGENCY PERCENT (5.00%)						836
SUBTOTAL						17,550
SUPV, INSP & OVERHEAD (5.70%)						1,000
TOTAL REQUEST						18,550
TOTAL REQUEST (ROUNDED)						18,550
INSTALLED EQT-OTHER APPROP						(2,542)
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with heating, ventilating, and air conditioning (HVAC) systems, plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including entry control points, maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 355 kW _r /101 Tons).						
11. REQ:		4,527 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)						

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Staten Island, New York

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69432
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(139)
Building Information Systems	LS	--	--	(177)
			Total	316

REQUIREMENT: This project will provide, on existing federal land, a 300-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for Army Reserve units. The maintenance shop will provide work bays for training and maintenance administrative support for military equipment stored at this facility. This project will also provide an organizational storage building and adequate parking spaces for all military and privately-owned vehicles.

CURRENT SITUATION: The Army Reserve is undergoing a transformation of the existing force structure to support the additional Brigade Combat Teams (BCTs) currently activating within the Active Component. The unit(s) required in this project are part the Army's Combat Service Support (CSS) Reset Initiative to support the BCTs. The Army Reserve is activating new units currently not in the inventory to support the CSS reset. Existing facilities in the area do not have the capacity to house the unit personnel and equipment. The government will permit ten acres of land to the Army Reserve.

IMPACT IF NOT PROVIDED: The Army Reserve will not be able to provide facilities to support the activation of the new unit(s). The Army Reserve will not be able to support the new activating BCTs when they are deployed to meet current and future war fighting missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Staten Island, New York

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69432
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... MAY 2008
 - (d) Date Design Complete..... SEP 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... _____
 - (b) All Other Design Costs..... 1,779
 - (c) Total Design Cost..... 1,779
 - (d) Contract..... 1,423
 - (e) In-house..... 356
- (4) Construction Contract Award..... DEC 2008
- (5) Construction Start..... JAN 2009
- (6) Construction Completion..... JAN 2011

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>
Furniture	OMAR	2010	1,259
Collateral Equipment	OMAR	2009	1,079
Info Sys - ISC	OPA	2010	153
Info Sys - PROP	OMAR	2010	51
		TOTAL	<u>2,542</u>

Point of Contact: LTC Roberts, 703-601-7495

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008
3. INSTALLATION AND LOCATION AR Center Raleigh, North Carolina		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
HHC Sustainment Brigade	363	363
Clearance Company	191	191
Quartermaster Company	<u>198</u>	<u>198</u>
Totals	752	752
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	318	194
TRAILERS	151	91
TRACKED	<u>7</u>	<u>5</u>
TOTALS	476	290
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Raleigh, North Carolina			4.PROJECT TITLE Army Reserve Center/Land		
5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-69467	8.PROJECT COST (\$000) Auth 25,581 Approp 25,581		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				18,880	
Land Purchase	ha (AC)	4.45 (11)	423,596	(1,885)	
Army Reserve Center Building	m2 (SF)	7,532 (81,072)	1,750	(13,177)	
Vehicle Maintenance Shop	m2 (SF)	1,007 (10,837)	2,223	(2,238)	
Unheated Storage Building	m2 (SF)	380.90 (4,100)	878.66	(335)	
Organizational Parking	m2 (SY)	3,386 (4,050)	159.11	(539)	
Total from Continuation page				(706)	
<u>SUPPORTING FACILITIES</u>				4,169	
Electric Service	LS	--	--	(589)	
Water, Sewer, Gas	LS	--	--	(785)	
Paving, Walks, Curbs & Gutters	LS	--	--	(266)	
Storm Drainage	LS	--	--	(196)	
Site Imp(2,199) Demo()	LS	--	--	(2,199)	
Information Systems	LS	--	--	(96)	
Antiterrorism Measures	LS	--	--	(38)	
ESTIMATED CONTRACT COST				23,049	
CONTINGENCY PERCENT (5.00%)				<u>1,152</u>	
SUBTOTAL				24,201	
SUPV, INSP & OVERHEAD (5.70%)				<u>1,380</u>	
TOTAL REQUEST				25,581	
TOTAL REQUEST (ROUNDED)				25,581	
INSTALLED EQT-OTHER APPROP				(2,357)	
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, heating, ventilating, and air conditioning (HVAC) systems, plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 630 kW/179 Tons).					
11. REQ:	8,920 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Land acquisition and construction of an ARC training building, OMS, and unheated storage building, and organizational parking. (Current Mission)					

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION

AR Center, Raleigh, North Carolina

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 09-69467
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(362)
Antiterrorism Measures	LS	--	--	(186)
Building Information Systems	LS	--	--	(158)
			Total	706

REQUIREMENT: This project will provide land and a 400-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for two Army Reserve units. The maintenance shop will provide work bays for training and maintenance administrative support for military equipment stored at this facility. This project will also provide an organizational storage building and adequate parking spaces for all military and privately-owned vehicles.

CURRENT SITUATION: The Army Reserve is undergoing a transformation of the existing force structure to support the additional Brigade Combat Teams (BCTs) currently activating within the Active Component. The unit(s) required in this project are part the Army's Combat Service Support (CSS) Reset Initiative to support the BCTs. The Army Reserve is activating new units currently not in the inventory to support the CSS reset. Existing facilities in the area do not have the capacity to house the unit personnel and equipment.

IMPACT IF NOT PROVIDED: The Army Reserve will not be able to provide facilities to support the activation of the new unit(s). The Army Reserve will not be able to support the new activating BCTs when they are deployed to meet current and future war fighting missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Raleigh, North Carolina

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 09-69467
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... MAY 2008
 - (d) Date Design Complete..... SEP 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,200
 - (b) All Other Design Costs..... 640
 - (c) Total Design Cost..... 1,840
 - (d) Contract..... 1,472
 - (e) In-house..... 368

- (4) Construction Contract Award..... DEC 2008

- (5) Construction Start..... JAN 2009

- (6) Construction Completion..... JAN 2011

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>
Furniture	OMAR	2010	1,137
Collateral Equipment	OMAR	2009	975
Info Sys - ISC	OPA	2010	164
Info Sys - PROP	OMAR	2010	81
		TOTAL	<u>2,357</u>

Point of Contact: MAJ Lawson, 703-601-1943

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 01 FEB 2008				
3. INSTALLATION AND LOCATION AR Center Letterkenny, Pennsylvania		4. AREA CONSTRUCTION COST INDEX 1.02					
5. FREQUENCY AND TYPE OF UTILIZATION							
Reservist	-	3 weekends/month	3 nights/week				
Full-Time Personnel	-	5 days/week					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
ARNG	Chambersburg, PA	2.00 miles	Armory				
USAR	Greencastle, PA	11.00 miles	Center				
ARNG	Waynesboro, PA	12.00 miles	Armory				
ARNG	Smithsburg, MD	19.00 miles	Armory				
7. PROJECTS REQUESTED IN THIS PROGRAM:							
CATEGORY		COST	DESIGN STATUS				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>				
171	Army Reserve Center	5,038 m2 (54,224 SF)	14,914 JUL 2007 DEC 2008				
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.			<u>24 AUG 2006</u> (Date)				
9. LAND ACQUISITION REQUIRED							
NONE			<u>0</u> (Number of acres)				
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		SCOPE	COST				
<u>CODE</u>	<u>PROJECT TITLE</u>		<u>(\$000)</u>				
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0					
11. PERSONNEL STRENGTH AS OF 30 JUN 2007							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	33	2	11	20	302	23	279
ACTUAL	33	2	11	20	249	21	228

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																																			
3. INSTALLATION AND LOCATION AR Center Letterkenny, Pennsylvania																																					
12. RESERVE UNIT DATA AUTHORIZED Assigned/Authorized: 82% <table border="1" data-bbox="142 338 1211 716"> <thead> <tr> <th rowspan="2"><u>UNIT DESIGNATION</u></th> <th colspan="2"><u>STRENGTH</u></th> </tr> <tr> <th><u>AUTHORIZED</u></th> <th><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>USAR Info Process Center (-)</td> <td>8</td> <td>11</td> </tr> <tr> <td>52 Military History Det</td> <td>3</td> <td>3</td> </tr> <tr> <td>HHC, 324 MP BN (I/R)</td> <td>77</td> <td>57</td> </tr> <tr> <td>DET 1, 324 MP BN</td> <td>24</td> <td>14</td> </tr> <tr> <td>DET 2, 324 MP BN</td> <td>24</td> <td>17</td> </tr> <tr> <td>DET 3, 324 MP BN</td> <td>24</td> <td>19</td> </tr> <tr> <td>3 PLT 811 OD (HVY LIFT)</td> <td>56</td> <td>55</td> </tr> <tr> <td>DET 1, 443 MP CO</td> <td>36</td> <td>34</td> </tr> <tr> <td>DET 1, CO TRK (POL 5K)</td> <td><u>50</u></td> <td><u>39</u></td> </tr> <tr> <td>Totals</td> <td>302</td> <td>249</td> </tr> </tbody> </table>			<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>	USAR Info Process Center (-)	8	11	52 Military History Det	3	3	HHC, 324 MP BN (I/R)	77	57	DET 1, 324 MP BN	24	14	DET 2, 324 MP BN	24	17	DET 3, 324 MP BN	24	19	3 PLT 811 OD (HVY LIFT)	56	55	DET 1, 443 MP CO	36	34	DET 1, CO TRK (POL 5K)	<u>50</u>	<u>39</u>	Totals	302	249
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>																																				
	<u>AUTHORIZED</u>	<u>ACTUAL</u>																																			
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DET 1, CO TRK (POL 5K)	<u>50</u>	<u>39</u>																																			
Totals	302	249																																			
13. MAJOR EQUIPMENT AND AIRCRAFT <table border="1" data-bbox="277 848 1252 968"> <thead> <tr> <th><u>TYPE</u></th> <th><u>AUTHORIZED</u></th> <th><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td>WHEELED</td> <td>79</td> <td>50</td> </tr> <tr> <td>TRAILERS</td> <td><u>76</u></td> <td><u>49</u></td> </tr> <tr> <td>TOTALS</td> <td>155</td> <td>99</td> </tr> </tbody> </table>			<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	WHEELED	79	50	TRAILERS	<u>76</u>	<u>49</u>	TOTALS	155	99																							
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																																			
WHEELED	79	50																																			
TRAILERS	<u>76</u>	<u>49</u>																																			
TOTALS	155	99																																			
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES <table border="1" data-bbox="277 1041 1040 1161"> <thead> <tr> <th></th> <th>(\$000)</th> </tr> </thead> <tbody> <tr> <td>A. AIR POLLUTION</td> <td>0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td>0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td>0</td> </tr> </tbody> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0																											
	(\$000)																																				
A. AIR POLLUTION	0																																				
B. WATER POLLUTION	0																																				
C. OCCUPATIONAL SAFETY AND HEALTH	0																																				

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Letterkenny, Pennsylvania				4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-67584		8.PROJECT COST (\$000) Auth 14,914 Approp 14,914	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						10,965
Army Reserve Center Building		m2 (SF)	3,747 (40,335)		1,978	(7,411)
Vehicle Maintenance Shop		m2 (SF)	1,093 (11,761)		2,434	(2,659)
Unheated Storage Building		m2 (SF)	197.70 (2,128)		1,044	(206)
Organizational Parking		m2 (SY)	5,627 (6,730)		41.19	(232)
SDD and EPAct05		LS	--		--	(214)
Total from Continuation page						(243)
<u>SUPPORTING FACILITIES</u>						2,473
Electric Service		LS	--		--	(299)
Water, Sewer, Gas		LS	--		--	(399)
Paving, Walks, Curbs & Gutters		LS	--		--	(119)
Storm Drainage		LS	--		--	(110)
Site Imp(1,435) Demo()		LS	--		--	(1,435)
Information Systems		LS	--		--	(86)
Antiterrorism Measures		LS	--		--	(25)
ESTIMATED CONTRACT COST						13,438
CONTINGENCY PERCENT (5.00%)						672
SUBTOTAL						14,110
SUPV, INSP & OVERHEAD (5.70%)						804
TOTAL REQUEST						14,914
TOTAL REQUEST (ROUNDED)						14,914
INSTALLED EQT-OTHER APPROP						(1,535)
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include construction of an ARC training building, Area Maintenance Support Activity (AMSA), Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, heating, ventilating, and air conditioning (HVAC) systems, plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 359 kWr/102 Tons).						
11. REQ:		5,038 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct an ARC training building, AMSA, OMS, unheated storage building, and organizational parking. (Current Mission)						

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Letterkenny, Pennsylvania

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-67584
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(107)
Building Information Systems	LS	--	--	(136)
			Total	243

REQUIREMENT: This project will provide, on existing federal land, a 300-member training facility with administrative areas, classrooms, library, learning center, assembly hall, arms vault, kitchen, unit storage, and physical fitness areas for ten Army Reserve units. The maintenance shop will provide work bays and maintenance administrative support. The project will also provide organizational storage and adequate parking space for all military and privately-owned vehicles.

CURRENT SITUATION: Sufficient land is available at Letterkenny Army Depot (approximately 9.5 acres is required for this project). The 324th Military Police (MP) Battalion (with detachments) occupies the Frank M. Parker United States Army Reserve Center (USARC), a 1957 vintage facility located in Chambersburg, PA (19,238 sf / 227% utilized). The 371st MP Detachment, Detachment 1 of the 443rd MP Company, Army Reserve Information Processing Center (-), and 52nd Military History Detachment occupy the Adams County Memorial USARC, a 1961 vintage facility located in Gettysburg, PA (14,429 sf / 128% utilized). The 3rd Platoon of the 811th Ordinance Company and AMSA 113 occupy the Greencastle USARC, a 1953 vintage facility located in Greencastle, PA (39,201 sf). These facilities are severely overcrowded and have not received any major renovations to bring them up to current standards. The training buildings are deficient in space for administrative offices, storage, and educational areas. The maintenance buildings are deficient in administrative offices, latrines, tool and parts storage, flammable storage, and work bays. There is insufficient space for military equipment and privately owned vehicle parking at each of these sites. All three of these facilities will be properly disposed upon completion of this project (72,868 sf).

IMPACT IF NOT PROVIDED: If this project is not provided, the units will be forced to operate and train in facilities not properly configured to allow the most effective training to complete mission requirements. This will continue to have a negative impact on training and retention objectives.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. An economic analysis has been prepared and utilized in evaluating this project. This project is the most cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION

AR Center, Letterkenny, Pennsylvania

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-67584
---	---------------------------------------

ADDITIONAL: (CONTINUED)
has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... JUL 2007
 - (b) Percent Complete As Of January 2008..... 35.00
 - (c) Date 35% Designed..... JUN 2008
 - (d) Date Design Complete..... DEC 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 876
 - (b) All Other Design Costs..... 441
 - (c) Total Design Cost..... 1,317
 - (d) Contract..... 1,054
 - (e) In-house..... 263

 - (4) Construction Contract Award..... JAN 2009

 - (5) Construction Start..... FEB 2009

 - (6) Construction Completion..... AUG 2010

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
--------------------	--	------------------------

3. INSTALLATION AND LOCATION
AR Center, Letterkenny, Pennsylvania

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-67584
---	-----------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furniture	OMAR	2010	793
Collateral Equipment	OMAR	2009	680
Info Sys - ISC	OPA	2010	21
Info Sys - PROP	OMAR	2010	41
		TOTAL	1,535

Point of Contact: MAJ Lawson, 703-601-1943

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 01 FEB 2008				
3. INSTALLATION AND LOCATION AR Center Chattanooga, Tennessee		4. AREA CONSTRUCTION COST INDEX .87					
5. FREQUENCY AND TYPE OF UTILIZATION							
Reservist	-	0 weekends/month	0 nights/week				
Full-Time Personnel	-	0 days/week					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS							
NONE							
7. PROJECTS REQUESTED IN THIS PROGRAM:							
CATEGORY		COST	DESIGN STATUS				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>START</u> <u>CMPL</u>				
17140	Army Reserve Center	45,508 (45,508)	10,600 OCT 2007 SEP 2008				
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION							
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.			_____ (Date)				
9. LAND ACQUISITION REQUIRED							
NONE			_____ 0 (Number of acres)				
10. PROJECTS PLANNED IN NEXT FOUR YEARS							
CATEGORY		SCOPE	COST (\$000)				
<u>CODE</u>	<u>PROJECT TITLE</u>						
NONE							
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		1					
11. PERSONNEL STRENGTH AS OF N/A							
	<u>PERMANENT</u>			<u>GUARD/RESERVE</u>			
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	1	0	0	1	213	7	206
ACTUAL	1	0	0	1	213	7	206

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008
3. INSTALLATION AND LOCATION AR Center Chattanooga, Tennessee		
12. RESERVE UNIT DATA AUTHORIZED Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
Clearance Company	191	191
Trailer Transfer Point Team	<u>23</u>	<u>23</u>
Totals	214	214
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	43	27
TRAILERS	23	15
TRACKED	<u>7</u>	<u>5</u>
TOTALS	73	47
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1.COMPONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Chattanooga, Tennessee				4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-69437		8.PROJECT COST (\$000) Auth 10,600 Approp 10,600	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						7,921
Army Reserve Center Building		m2 (SF)	3,055 (32,885)		1,708	(5,220)
Vehicle Maintenance Shop		m2 (SF)	1,060 (11,406)		2,078	(2,202)
Unheated Storage Building		m2 (SF)	113.06 (1,217)		951.34	(108)
Organizational Parking		m2 (SY)	2,433 (2,910)		35.07	(85)
SDD and EPAct05		LS	--		--	(154)
Total from Continuation page						(152)
SUPPORTING FACILITIES						1,629
Electric Service		LS	--		--	(210)
Water, Sewer, Gas		LS	--		--	(280)
Paving, Walks, Curbs & Gutters		LS	--		--	(136)
Storm Drainage		LS	--		--	(70)
Site Imp(843) Demo()		LS	--		--	(843)
Information Systems		LS	--		--	(73)
Antiterrorism Measures		LS	--		--	(17)
ESTIMATED CONTRACT COST						9,550
CONTINGENCY PERCENT (5.00%)						478
SUBTOTAL						10,028
SUPV, INSP & OVERHEAD (5.70%)						572
TOTAL REQUEST						10,600
TOTAL REQUEST (ROUNDED)						10,600
INSTALLED EQT-OTHER APPROP						(1,361)
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include construction of an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, heating, ventilating, and air conditioning (HVAC) systems, plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 292 kW/83 Tons).						
11. REQ:		4,228 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)						

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
--------------------	--	------------------------

3. INSTALLATION AND LOCATION
AR Center, Chattanooga, Tennessee

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69437
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(77)
Building Information Systems	LS	--	--	(75)
			Total	152

REQUIREMENT: This project will provide, on existing federal land, a 200-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for seven Army Reserve units. The maintenance shop will provide work bays for training and maintenance administrative support for military equipment stored at this facility. This project will also provide an organizational storage building and adequate parking spaces for all military and privately-owned vehicles.

CURRENT SITUATION: The Army Reserve is undergoing a transformation of the existing force structure to support the additional Brigade Combat Teams (BCTs) currently activating within the Active Component. The unit(s) required in this project are part the Army's Combat Service Support (CSS) Reset Initiative to support the BCTs. The Army Reserve is activating new units currently not in the inventory to support the CSS reset. Existing facilities in the area do not have the capacity to house the unit personnel and equipment.

IMPACT IF NOT PROVIDED: The Army Reserve will not be able to provide facilities to support the activation of the new unit(s). The Army Reserve will not be able to support the new activating BCTs when they are deployed to meet current and future war fighting missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
--------------------	--	------------------------

3. INSTALLATION AND LOCATION
AFRC Chattanooga, Tennessee

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69437
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... MAY 2008
 - (d) Date Design Complete..... SEP 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 636
 - (b) All Other Design Costs..... 274
 - (c) Total Design Cost..... 910
 - (d) Contract..... 728
 - (e) In-house..... 182

- (4) Construction Contract Award..... DEC 2008

- (5) Construction Start..... JAN 2009

- (6) Construction Completion..... JUL 2010

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>
Furniture	OMAR	2010	629
Collateral Equipment	OMAR	2009	539
Info Sys - ISC	OPA	2010	152
Info Sys - PROP	OMAR	2010	41
		TOTAL	<u>1,361</u>

Point of Contact: MAJ Lawson, 703-601-1943

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																															
3. INSTALLATION AND LOCATION AR Center Sinton, Texas		4. AREA CONSTRUCTION COST INDEX .86																															
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 1 nights/week Full-Time Personnel - 5 days/week																																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USNR Corpus Christi, TX 13.00 miles Center USNR Corpus Christi, TX 15.00 miles Center USCG Corpus Christi, TX 16.00 miles Base USCG Corpus Christi, TX 17.00 miles Base ARNG Corpus Christi, TX 18.00 miles Armory																																	
7. PROJECTS REQUESTED IN THIS PROGRAM:																																	
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10. PROJECTS PLANNED IN NEXT FOUR YEARS																																	
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DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):	0																																
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	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>																												
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>																										
AUTHORIZED	0	0	0	0	0	0	0																										
ACTUAL	0	0	0	0	0	0	0																										

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008
3. INSTALLATION AND LOCATION AR Center Sinton, Texas		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
Terminal Supervision Team	21	21
Port Management Team	24	24
Medium Truck Company PLS	<u>170</u>	<u>170</u>
Totals	215	215
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	79	48
TRAILERS	<u>436</u>	<u>263</u>
TOTALS	515	311
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Sinton, Texas			4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-69420	8.PROJECT COST (\$000) Auth 9,700 Approp 9,700		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				7,275	
Land Purchase	ha (AC)	3.64 (9)	74,176	(270)	
Army Reserve Center Building	m2 (SF)	3,051 (32,844)	1,688	(5,150)	
Vehicle Maintenance Shop	m2 (SF)	452.81 (4,874)	2,244	(1,016)	
Unheated Storage Building	m2 (SF)	113.06 (1,217)	940.69	(106)	
Organizational Vehicle Parking	m2 (SY)	13,136 (15,710)	34.66	(455)	
Total from Continuation page				(278)	
<u>SUPPORTING FACILITIES</u>				1,465	
Electric Service	LS	--	--	(186)	
Water, Sewer, Gas	LS	--	--	(247)	
Paving, Walks, Curbs & Gutters	LS	--	--	(113)	
Storm Drainage	LS	--	--	(62)	
Site Imp(770) Demo()	LS	--	--	(770)	
Information Systems	LS	--	--	(72)	
Antiterrorism Measures	LS	--	--	(15)	
ESTIMATED CONTRACT COST				8,740	
CONTINGENCY PERCENT (5.00%)				437	
SUBTOTAL				9,177	
SUPV, INSP & OVERHEAD (5.70%)				523	
TOTAL REQUEST				9,700	
TOTAL REQUEST (ROUNDED)				9,700	
INSTALLED EQT-OTHER APPROP				(1,168)	
10.Description of Proposed Construction Acquire land and construct an Army Reserve Center (ARC). Primary facilities include an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, organizational parking, and land. Buildings will be of permanent construction with heating, ventilating, and air conditioning (HVAC) systems, plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Physical security measures will be incorporated into design including entry control points, maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Air Conditioning (Estimated 292 kW/83 Tons).					
11. REQ:	3,617 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Acquire land and construct an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)					
REQUIREMENT: This project will provide, on nine (9) acres of land, a 200-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for Army Reserve units. The maintenance shop will provide work bays for					

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Sinton, Texas

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69420
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(138)
Antiterrorism Measures	LS	--	--	(69)
Building Information Systems	LS	--	--	(71)
			Total	278

REQUIREMENT: (CONTINUED)

training and maintenance administrative support for military equipment stored at this facility. This project will also provide an organizational storage building and adequate parking spaces for all military and privately-owned vehicles.

CURRENT SITUATION: The Army Reserve is undergoing a transformation of the existing force structure to support the additional Brigade Combat Teams (BCTs) currently activating within the Active Component. The unit(s) required in this project are part the Army's Combat Service Support (CSS) Reset Initiative to support the BCTs. The Army Reserve is activating new units currently not in the inventory to support the CSS reset. Existing facilities in the area do not have the capacity to house the unit personnel and equipment.

IMPACT IF NOT PROVIDED: The Army Reserve will not be able to provide facilities to support the activation of the new unit(s). The Army Reserve will not be able to support the new activating BCTs when they are deployed to meet current and future war fighting missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2008..... 35.00
 - (c) Date 35% Designed..... MAY 2008

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Sinton, Texas

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69420
---	-----------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... SEP 2008
- (e) Parametric Cost Estimating Used to Develop Costs YES
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: NO

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

- (a) Production of Plans and Specifications..... 582
- (b) All Other Design Costs..... 401
- (c) Total Design Cost..... 983
- (d) Contract..... 786
- (e) In-house..... 197

(4) Construction Contract Award..... DEC 2008

(5) Construction Start..... JAN 2009

(6) Construction Completion..... JUL 2010

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>
Furniture	OMAR	2010	525
Collateral Equipment	OMAR	2009	450
Info Sys - ISC	OPA	2010	152
Info Sys - PROP	OMAR	2010	41
		TOTAL	<u>1,168</u>

Point of Contact: MAJ Scott, 703-601-1937

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																															
3. INSTALLATION AND LOCATION AR Center Seattle, Washington		4. AREA CONSTRUCTION COST INDEX 1.16																															
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG Seattle, WA 3.00 miles Armory USAR Seattle, WA 6.00 miles Center USAR Tacoma, WA 25.00 miles Center																																	
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	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>																												
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>																										
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ACTUAL	52	21	5	26	761	103	658																										

1. COMPONENT AR	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008
3. INSTALLATION AND LOCATION AR Center Seattle, Washington		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
Quartermaster Company	151	151
Chemical BIDS Company	149	149
Terminal Supervision Team	21	21
Port Management Team	24	24
Inland Cargo Transfer Company	162	162
Expeditionary Sustainment Command	<u>254</u>	<u>254</u>
Totals	761	761
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	62	38
TRAILERS	<u>11</u>	<u>7</u>
TOTALS	73	45
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
A. AIR POLLUTION	0	
B. WATER POLLUTION	0	
C. OCCUPATIONAL SAFETY AND HEALTH	0	

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION AR Center Seattle, Washington				4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 09-69418		8.PROJECT COST (\$000) Auth 37,500 Approp 37,500	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						28,457
Land Purchase		ha (AC)	6.07 (	15)	1037891	(6,300)
Army Reserve Center Building		m2 (SF)	7,904 (	85,078)	2,194	(17,342)
Vehicle Maintenance Shop		m2 (SF)	919.74 (	9,900)	2,799	(2,574)
Unheated Storage Building		m2 (SF)	465.63 (	5,012)	1,084	(505)
Organizational Vehicle Parking		m2 (SY)	12,918 (	15,450)	45.67	(590)
Total from Continuation page						(1,146)
<u>SUPPORTING FACILITIES</u>						5,332
Electric Service		LS	--	--	--	(690)
Water, Sewer, Gas		LS	--	--	--	(920)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(316)
Storm Drainage		LS	--	--	--	(230)
Site Imp(2,998) Demo()		LS	--	--	--	(2,998)
Information Systems		LS	--	--	--	(121)
Antiterrorism Measures		LS	--	--	--	(57)
ESTIMATED CONTRACT COST						33,789
CONTINGENCY PERCENT (5.00%)						<u>1,689</u>
SUBTOTAL						35,478
SUPV, INSP & OVERHEAD (5.70%)						<u>2,022</u>
TOTAL REQUEST						37,500
TOTAL REQUEST (ROUNDED)						37,500
INSTALLED EQT-OTHER APPROP						(3,038)
10.Description of Proposed Construction Construct an Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and organizational parking. Buildings will be of permanent construction with heating, ventilating, and air conditioning (HVAC) systems, plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. Accessibility for the disabled will be provided. Physical security measures will be incorporated into design including entry control points, maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Air Conditioning (Estimated 703 kW _r /200 Tons).						
11. REQ:		9,289 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Land acquisition and construction of an ARC training building, OMS, unheated storage building, and organizational parking. (Current Mission)						

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION

AR Center, Seattle, Washington

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69418
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
SDD and EPAct05	LS	--	--	(558)
Antiterrorism Measures	LS	--	--	(279)
Building Information Systems	LS	--	--	(309)
			Total	1,146

REQUIREMENT: This project will provide land and a 800-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for Army Reserve units. The maintenance shop will provide work bays for training and maintenance administrative support for military equipment stored at this facility. This project will also provide an organizational storage building and adequate parking spaces for all military and privately-owned vehicles.

CURRENT SITUATION: The Army Reserve is undergoing a transformation of the existing force structure to support the additional Brigade Combat Teams (BCTs) currently activating within the Active Component. The unit(s) required in this project are part the Army's Combat Service Support (CSS) Reset Initiative to support the BCTs. The Army Reserve is activating new units currently not in the inventory to support the CSS reset. Existing facilities in the area do not have the capacity to house the unit personnel and equipment.

IMPACT IF NOT PROVIDED: The Army Reserve will not be able to provide facilities to support the activation of the new unit(s). The Army Reserve will not be able to support the new activating BCTs when they are deployed to meet current and future war fighting missions.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
AR Center, Seattle, Washington

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 09-69418
---	-----------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... OCT 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... MAY 2008
 - (d) Date Design Complete..... SEP 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,600
 - (b) All Other Design Costs..... 819
 - (c) Total Design Cost..... 2,419
 - (d) Contract..... 1,935
 - (e) In-house..... 484
- (4) Construction Contract Award..... DEC 2008
- (5) Construction Start..... JAN 2009
- (6) Construction Completion..... JAN 2011

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>
Furniture	OMAR	2010	1,445
Collateral Equipment	OMAR	2009	1,238
Info Sys - ISC	OPA	2010	165
Info Sys - PROP	OMAR	2010	190
		TOTAL	<u>3,038</u>

Point of Contact: Mr. Sugimura, 703-601-1936

1. COMPONENT ARMY	FY 2009 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 01 FEB 2008																																																																	
3. INSTALLATION AND LOCATION Ft McCoy Fort McCoy, Wisconsin		4. AREA CONSTRUCTION COST INDEX 1.13																																																																	
5. FREQUENCY AND TYPE OF UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																																																																			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR Fort McCoy, WI 1.00 miles Center ARNG Sparta, WI 2.00 miles Armory ARNG Tomah, WI 14.00 miles Armory ARNG Black River Falls, 21.00 miles Armory																																																																			
7. PROJECTS REQUESTED IN THIS PROGRAM:																																																																			
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8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.																																																																			
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B. WATER POLLUTION		0																															
C. OCCUPATIONAL SAFETY AND HEALTH		0																															

1.COMONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 01 FEB 2008	
3.INSTALLATION AND LOCATION Ft McCoy Wisconsin			4.PROJECT TITLE Auto Qualification Training Range		
5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 178	7.PROJECT NUMBER CAR 09-65868	8.PROJECT COST (\$000) Auth 4,000 Approp 4,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,451
Modified Record Fire/CPQC	FP	16 --		155,109	(2,482)
Range Operations & Control Area	EA	1 --		55,487	(55)
Operations/Storage Building	m2 (SF)	74.32 (800)		1,624	(121)
2 EA, General Instruction Build	m2 (SF)	148.64 (1,600)		1,438	(214)
Latrine, Dual Sex	m2 (SF)	18.58 (200)		4,159	(77)
Total from Continuation page					(502)
<u>SUPPORTING FACILITIES</u>					153
Electric Service	LS	--		--	(77)
Water, Sewer, Gas	LS	--		--	(31)
Paving, Walks, Curbs & Gutters	LS	--		--	(26)
Storm Drainage	LS	--		--	(5)
Information Systems	LS	--		--	(14)
ESTIMATED CONTRACT COST					3,604
CONTINGENCY PERCENT (5.00%)					<u>180</u>
SUBTOTAL					3,784
SUPV, INSP & OVERHEAD (5.70%)					<u>216</u>
TOTAL REQUEST					4,000
TOTAL REQUEST (ROUNDED)					4,000
INSTALLED EQT-OTHER APPROP					(2,275)
10.Description of Proposed Construction Construct a modified standard Qualification Training Range-Lite (QTR) combining a Modified Record Fire and Combat Pistol/Military Police Firearm Qualification requirement. Primary Facilities are located within the perimeter of the range complex and include stationary infantry targets (SIT), General Instruction Buildings, Ammo Breakdown Buildings, Range Operations and Control Tower, Operations/Storage Building, Latrine, Bleacher Enclosure, Covered Mess, service roads, site improvements and associated range power and data transfer cabling. Supporting facilities include electric service, utilities, and information systems. Air Conditioning (Estimated 28 kW/8 Tons).					
11. REQ: 16 FP ADQT: NONE SUBSTD: NONE					
PROJECT: Construct a modified standard Qualification Training Range-Lite (QTR). (Current Mission)					
REQUIREMENT: This project provides realistic rifle marksmanship and combat pistol training for the 350 reserve and active component units that train at Fort McCoy annually. The majority of the 122,000 Soldiers training use the M-16 rifle as their primary weapon. This range is used to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary infantry targets in a tactical array.					

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
Ft McCoy, Wisconsin

4. PROJECT TITLE Auto Qualification Training Range	5. PROJECT NUMBER CAR 09-65868
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Bleacher Enclosure	m2 (SF)	54.44 (586)	1,788	(97)
Covered Mess	m2 (SF)	72 (775)	1,091	(79)
Ammo Breakdown Building	m2 (SF)	11.15 (120)	4,068	(45)
Range Control Tower	m2 (SF)	47.57 (512)	5,529	(263)
Building Information Systems	LS	--	--	(18)
Total				502

CURRENT SITUATION: Current range firing points do not support required gunnery qualification throughout the training year. Reserve component units have limited training hours and days in order to accomplish required individual weapons qualifications. Shortage of current standard target and instrumented feedback systems reduces available training hours. Nonstandard target arrays and densities reduce available training value as Soldiers are required to stay longer to meet minimum engagement requirements. This reduces gunnery effectiveness and creates scheduling disparities for units required to perform gunnery qualifications during poor weather conditions.

IMPACT IF NOT PROVIDED: If this project is not provided, individual marksmanship training and qualification for reserve and active component Soldiers who rely on Fort McCoy will not be fully accomplished. Army standard gunnery qualification for individual Soldiers weapons will suffer and Soldiers will be faced with less than optimum primary weapons qualification skills. The ability to defend begins with individual weapons qualification.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism 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. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. A parametric cost estimate based upon project engineering design was used to develop this budget estimate. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423 and other applicable laws and Executive Orders.

1. COMPONENT AR	FY 2009 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 01 FEB 2008
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3. INSTALLATION AND LOCATION
Ft McCoy, Wisconsin

4. PROJECT TITLE Auto Qualification Training Range	5. PROJECT NUMBER CAR 09-65868
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JUL 2007
 - (b) Percent Complete As Of January 2008..... 15.00
 - (c) Date 35% Designed..... JUN 2008
 - (d) Date Design Complete..... DEC 2008
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 291
 - (b) All Other Design Costs..... 192
 - (c) Total Design Cost..... 483
 - (d) Contract..... 386
 - (e) In-house..... 97

- (4) Construction Contract Award..... JAN 2009
- (5) Construction Start..... FEB 2009
- (6) Construction Completion..... FEB 2010

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>
Targetry	OPA	2009	2,275
		TOTAL	<u>2,275</u>

Point of Contact: LTC Farrell, 703-602-1410

1. COMPONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 01 FEB 2008	
3. INSTALLATION AND LOCATION Minor Construction Worldwide Various				4. PROJECT TITLE Unspecified Minor Construction		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 000	7. PROJECT NUMBER CAR 09-67465		8. PROJECT COST (\$000) Auth 3,100 Approp 3,100	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Unspecified Minor Construction		LS	--		--	3,100 (3,100)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						3,100
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						3,100
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						3,100
TOTAL REQUEST (ROUNDED)						3,100
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Unspecified minor construction projects which have a funding cost of \$2,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under 10 USC 18233a(a)(1). The funded cost limit can be \$3,000,000 if the project is intended solely to correct a deficiency that is life, health, or safety threatening.						
11. REQ: NONE ADQT: NONE SUBSTD: NONE						
<u>REQUIREMENT:</u> This line item is needed to provide for Unspecified Minor Military Construction Program projects for which the need cannot be reasonably foreseen nor justified in time to be included in this Military Construction, Army Reserve, Program.						
<u>CURRENT SITUATION:</u> These unforeseen projects address high priorities such as critical mission requirements, environmental protection, and life, health, or safety threatening conditions. These projects cannot wait until the next budget submission.						

1. COMPONENT AR		FY 2009 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 01 FEB 2008	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 000	7. PROJECT NUMBER CAR 09-67463		8. PROJECT COST (\$000) Auth 13,963 Approp 13,963	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						13,963
Planning and Design		LS	--		--	(13,963)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						13,963
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						13,963
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						13,963
TOTAL REQUEST (ROUNDED)						13,963
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction This item provides for parametric, concept, and final design of major and unspecified minor military construction projects; value engineering; and the development of standards and criteria for Army Reserve projects.						
11. REQ: NONE ADQT: NONE SUBSTD: NONE						
REQUIREMENT: This funding is required to provide design and engineering services for Military Construction, Army Reserve (MCAR), and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard (conventional) functional layouts. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contractors, and administrative support functions. These funds are required for accomplishment of initial correction, review, reproduction and advertisement of projects in the FY 09 program; for advancement to final design of projects in FY 10; for initiation of design of projects in FY 11; and for initiation of preconcept design activities for projects in FY 12. The funds request for the annual planning and design requirement includes value engineering, the costs to update standards and criteria, guide specifications, and technical manuals.						