

DEPARTMENT OF THE ARMY
Fiscal Year (FY) 2012
BUDGET ESTIMATES
February 2011



MILITARY CONSTRUCTION, ARMY RESERVE

TABLE OF CONTENTS

TAB DESCRIPTION	PAGE NUMBER
-----	-----
1. TABLE OF CONTENTS.....	i
2. STATE LIST.....	iii
3. BUDGET APPENDIX EXTRACT.....	ix
BUDGET SUMMARY.....	ix
APPROPRIATION LANGUAGE.....	x
4. SPECIAL PROGRAM CONSIDERATIONS.....	xi
5. INSIDE THE UNITED STATES.....	1
California.....	1
Colorado.....	6
Illinois.....	12
Indiana.....	23
Kansas.....	30
Massachusetts.....	36
Minnesota.....	42
Missouri.....	47
New York.....	53
North Carolina.....	59
South Carolina.....	65
Wisconsin.....	71
6. WORLDWIDE.....	93
Worldwide Various.....	93

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DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 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		
-----	-----	-----	-----		
California	Fort Hunter Liggett (IMCOM)				1
71702	Automated Multipurpose Machine Gun (MPMG)	5,200	5,200	C	1
	Subtotal Fort Hunter Liggett	\$ 5,200	5,200		
	* TOTAL MCAR FOR California	\$ 5,200	5,200		
Colorado	Ft Collins (USAR)				6
67658	Army Reserve Center	13,600	13,600	C	6
	Subtotal Ft Collins	\$ 13,600	13,600		
	* TOTAL MCAR FOR Colorado	\$ 13,600	13,600		
Illinois	Homewood (USAR)				12
67713	Army Reserve Center	16,000	16,000	C	12
	Subtotal Homewood	\$ 16,000	16,000		
	* TOTAL MCAR FOR Illinois	\$ 28,800	28,800		
	Rockford (USAR)				17
67664	Army Reserve Center/Land	12,800	12,800	C	17
	Subtotal Rockford	\$ 12,800	12,800		
	* TOTAL MCAR FOR Illinois	\$ 28,800	28,800		
Indiana	Fort Benjamin Harrison (TRADOC)				23
67673	Army Reserve Center	57,000	57,000	C	23
	Subtotal Fort Benjamin Harrison	\$ 57,000	57,000		
	* TOTAL MCAR FOR Indiana	\$ 57,000	57,000		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2012
MILITARY CONSTRUCTION, ARMY RESERVE
(DOLLARS ARE IN THOUSANDS)
INSIDE THE UNITED STATES

STATE	INSTALLATION/CITY (COMMAND)			NEW/	
----- PROJECT NUMBER	----- PROJECT TITLE	AUTHORIZATION REQUEST	APPROPRIATION REQUEST	CURRENT MISSION	PAGE
-----	-----	-----	-----	-----	-----
Kansas	Kansas City (USAR)				30
67681	Army Reserve Center/Land	13,000	13,000	C	30
	Subtotal Kansas City	\$ 13,000	13,000		
	* TOTAL MCAR FOR Kansas	\$ 13,000	13,000		
Massachusetts	Attleboro (USAR)				36
67709	Army Reserve Center/Land	22,000	22,000	C	36
	Subtotal Attleboro	\$ 22,000	22,000		
	* TOTAL MCAR FOR Massachusetts	\$ 22,000	22,000		
Minnesota	St Joseph (USAR)				42
67674	Army Reserve Center	11,800	11,800	C	42
	Subtotal St Joseph	\$ 11,800	11,800		
	* TOTAL MCAR FOR Minnesota	\$ 11,800	11,800		
Missouri	St Charles (USAR)				47
67581	Army Reserve Center	19,000	19,000	C	47
	Subtotal St Charles	\$ 19,000	19,000		
	* TOTAL MCAR FOR Missouri	\$ 19,000	19,000		
New York	Schenectady (USAR)				53
67691	Army Reserve Center	20,000	20,000	C	53
	Subtotal Schenectady	\$ 20,000	20,000		
	* TOTAL MCAR FOR New York	\$ 20,000	20,000		

DEPARTMENT OF THE ARMY
FISCAL YEAR 2012
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		
-----	-----	-----	-----		
North Carolina	Greensboro (USAR)				59
67466	Army Reserve Center/Land	19,000	19,000	C	59
	Subtotal Greensboro	\$ 19,000	19,000		
	* TOTAL MCAR FOR North Carolina	\$ 19,000	19,000		
South Carolina	Orangeburg (USAR)				65
67672	Army Reserve Center/Land	12,000	12,000	C	65
	Subtotal Orangeburg	\$ 12,000	12,000		
	* TOTAL MCAR FOR South Carolina	\$ 12,000	12,000		
Wisconsin	Fort McCoy (USAR)				71
67684	Container Loading Facility	5,300	5,300	C	71
67720	Modified Record Fire Known Distance Range	5,400	5,400	C	76
72264	Automated Record Fire Range	4,600	4,600	C	82
74310	NCOA Phase III - Billeting	12,000	12,000	C	88
	Subtotal Fort McCoy	\$ 27,300	27,300		
	* TOTAL MCAR FOR Wisconsin	\$ 27,300	27,300		
	** TOTAL INSIDE THE UNITED STATES FOR MCAR	\$ 248,700	248,700		

DEPARTMENT OF THE ARMY
 FISCAL YEAR 2012
 MILITARY CONSTRUCTION, ARMY RESERVE
 (DOLLARS ARE IN THOUSANDS)
 WORLDWIDE

STATE	INSTALLATION/CITY (COMMAND)	AUTHORIZATION	APPROPRIATION	
-----	-----	REQUEST	REQUEST	PAGE
PROJECT	PROJECT TITLE	-----	-----	-----
NUMBER	-----	-----	-----	-----
Worldwide Various	Planning and Design (PLNGDES)			
67730	Planning and Design	0	28,924	93
	Subtotal Planning and Design	\$ 0	28,924	
	Minor Construction (MINOR)			
67729	Unspecified Minor Construction	0	2,925	95
	Subtotal Minor Construction	\$ 0	2,925	
	* TOTAL MCAR FOR Worldwide Various	\$ 0	31,849	
	** TOTAL WORLDWIDE FOR MCAR	\$ 0	31,849	
	MILITARY CONSTRUCTION, ARMY RESERVE TOTAL	\$ 248,700	280,549	
	Total Cost of New Mission Projects	(0)	\$ 0	
	Total Cost of Current Mission Projects	(16)	\$ 248,700	
	Total Cost of other line items	(2)	\$ 31,849	
	Total Cost of FY 2012 MCAR Projects	(18)	\$ 280,549	

**Military Construction, Army Reserve Outyear Project Data
FY2012 MCAR PRESBUD (FY2012-2016)**

<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 12 Budgeted Amount (\$000)</u>	<u>Change From Previous Submission (\$000)</u>
USAR	2012	2086	Ft Hunter Liggett	CA	Automated Multipurpose Machine Gun (MPMG)	178	0532292A	Y	Y	100	5,200	-4,600
USAR	2012	2086	Ft Collins	CO	Army Reserve Center	171	0532292A	Y	Y	100	13,600	2,400
USAR	2012	2086	Homewood	IL	Army Reserve Center	171	0532292A	Y	Y	100	16,000	3,200
USAR	2012	2086	Rockford	IL	Army Reserve Center/Land	171	0532292A	Y	Y	100	12,800	2,000
USAR	2012	2086	Ft Benjamin Harrison	IN	Army Reserve Center	171	0532292A	Y	Y	100	57,000	7,000
USAR	2012	2086	Kansas City	KS	Army Reserve Center/Land	171	0532292A	Y	Y	100	13,000	-3,000
USAR	2012	2086	Attleboro	MA	Army Reserve Center/Land	171	0532292A	Y	Y	100	22,000	3,500
USAR	2012	2086	St Joseph	MN	Army Reserve Center	171	0532292A	Y	Y	100	11,800	2,800
USAR	2012	2086	St Charles	MO	Army Reserve Center	171	0532292A	Y	Y	100	19,000	-7,000
USAR	2012	2086	Greensboro	NC	Army Reserve Center/Land	171	0532292A	Y	Y	100	19,000	2,500
USAR	2012	2086	Schenectady	NY	Army Reserve Center	171	0532292A	Y	Y	100	20,000	4,000
USAR	2012	2086	Conneaut	PA	DAR Highway Improvement	851	0532292A	Y	Y	100	0	-4,800
USAR	2012	2086	Orangeburg	SC	Army Reserve Center/Land	171	0532292A	Y	Y	100	12,000	600
USAR	2012	2086	Fort McCoy	WI	Container Loading Facility	141	0532292A	Y	Y	100	5,300	-400
USAR	2012	2086	Fort McCoy	WI	Modified Record Fire Known Distance Range	178	0532292A	Y	Y	100	5,400	100
USAR	2012	2086	Fort McCoy	WI	Automated Record Fire Range	178	0532292A	Y	Y	100	4,600	300
USAR	2012	2086	Fort McCoy	WI	NCOA Phase III - Billeting	171	0532292A	Y	Y	100	12,000	12,000
USAR	2012	2086	WW Various Minor	WW	Unspecified Minor Construction	000	0532292A	O	O		2,925	-1,075
USAR	2012	2086	WW Various P&D	WW	Planning and Design	000	0532292A	O	O		28,924	-1,210
FY12 Total											280,549	18,315
USAR	2013	2086	Ft Hunter Liggett	CA	ORTC	171	0532292A	N	Y	100	64,000	64,000
USAR	2013	2086	Ft Hunter Liggett	CA	UPH Barracks	721	0532292A	Y	Y	100	4,300	0
USAR	2013	2086	Tustin	CA	Army Reserve Center	171	0532292A	Y	Y	100	19,500	0
USAR	2013	2086	Waterloo	IA	Army Reserve Center	171	0532292A	Y	Y	100	0	-8,700
USAR	2013	2086	Ft Sheridan	IL	Army Reserve Center	171	0532292A	Y	Y	100	28,000	5,000
USAR	2013	2086	Devens	MA	Automatic Record Fire Range	178	0532292A	Y	Y	100	4,800	0
USAR	2013	2086	Devens	MA	COMBAT PISTOL/MP FIREARMS QUALIFICATION CO	178	0532292A	N	Y	100	3,700	0
USAR	2013	2086	Aberdeen PG	MD	Army Reserve Center	171	0532292A	Y	Y	100	21,000	0
USAR	2013	2086	Baltimore	MD	Add/Alt Army Reserve Center	171	0532292A	Y	Y	100	16,500	0
USAR	2013	2086	Riverdale	MD	Army Reserve Center	171	0532292A	Y	Y	100	12,500	3,700
USAR	2013	2086	Ft Dix	NJ	ORTC	721	0532292A	N	Y	100	0	-64,000
USAR	2013	2086	Ft Dix	NJ	Automated Infantry Platoon Battle Course	178	0532292A	Y	Y	100	0	-7,400
USAR	2013	2086	Ft Dix	NJ	UPH Barracks	721	0532292A	Y	Y	100	0	-27,000
USAR	2013	2086	Ft Dix	NJ	Tactical Training Base Phase 2	721	0532292A	Y	Y	100	0	-6,200
USAR	2013	2086	Mcguire-Dix-lakeh	NJ	Automated Infantry Platoon Battle Course	178	0532292A	Y	Y	100	7,400	7,400
USAR	2013	2086	Mcguire-Dix-lakeh	NJ	UPH Barracks	721	0532292A	Y	Y	100	27,000	27,000
USAR	2013	2086	Mcguire-Dix-lakeh	NJ	Tactical Training Base Phase 2	721	0532292A	Y	Y	100	6,200	6,200
USAR	2013	2086	Las Vegas	NV	AR Center/OMS/AMSA/Unheated Storage	171	0532292A	Y	Y	100	21,000	0
USAR	2013	2086	Bullville	NY	Army Reserve Center	171	0532292A	Y	Y	100	9,200	0
USAR	2013	2086	Ft Lewis	WA	Army Reserve Center	171	0532292A	Y	Y	100	0	-37,000
USAR	2013	2086	Lewis-McChord	WA	Army Reserve Center	171	0532292A	Y	Y	100	37,000	37,000
USAR	2013	2086	Fort McCoy	WI	Central Issue Facility	442	0532292A	Y	Y	100	11,000	0
USAR	2013	2086	Fort McCoy	WI	UPH Barracks	721	0532292A	N	Y	100	8,600	0
USAR	2013	2086	Fort McCoy	WI	ECS TEMF	214	0532292A	Y	N	100	27,000	27,000
USAR	2013	2086	Fort McCoy	WI	ECS TEMF	214	0532292A	Y	N	0	0	-27,000
USAR	2013	2086	WW Various Minor	WW	Unspecified Minor Construction	000		O	O		5,286	786
USAR	2013	2086	WW Various P&D	WW	Planning and Design	000		O	O		27,873	-1,500
FY13 Total											361,859	-714
USAR	2014	2086	Ft Hunter Liggett	CA	TASS Training Center (TTC)	171	0532292A	Y	N	100	17,000	17,000
USAR	2014	2086	Clearwater	FL	Aviation Support Facility - Ph I	211	0532292A	N	N	100	12,000	0
USAR	2014	2086	Ft Leonard Wood	MO	TASS Training Center	171	0532292A	N	Y	100	15,500	0
USAR	2014	2086	Ft Bragg	NC	Army Reserve Center	171	0532292A	Y	Y	100	21,000	0
USAR	2014	2086	Ft Dix	NJ	Consolidated Dining Facility	722	0532292A	Y	Y	100	0	-13,400
USAR	2014	2086	Ft Dix	NJ	Central Issue Facility	442	0532292A	Y	Y	100	0	-7,900
USAR	2014	2086	Ft Dix	NJ	Automated Multipurpose Machine Gun (MPMG)	178	0532292A	Y	Y	100	0	-9,500
USAR	2014	2086	Ft Dix	NJ	Modified Record Fire Range	178	0532292A	Y	Y	100	0	-5,400
USAR	2014	2086	Mcguire-Dix-lakeh	NJ	Consolidated Dining Facility	722	0532292A	Y	Y	100	13,400	13,400
USAR	2014	2086	Mcguire-Dix-lakeh	NJ	Central Issue Facility	442	0532292A	Y	Y	100	7,900	7,900
USAR	2014	2086	Mcguire-Dix-lakeh	NJ	Automated Multipurpose Machine Gun (MPMG)	178	0532292A	Y	Y	100	9,500	9,500
USAR	2014	2086	Mcguire-Dix-lakeh	NJ	Modified Record Fire Range	178	0532292A	Y	Y	100	5,400	5,400
USAR	2014	2086	Ravenna	OH	Modified Record Fire Range	178	0532292A	Y	Y	100	4,600	0
USAR	2014	2086	Ft Hood	TX	Army Reserve Center	171	0532292A	Y	Y	100	17,000	0
USAR	2014	2086	Fort McCoy	WI	Access Control Point/Mail/Freight Center	141	0532292A	Y	Y	100	19,000	7,400

**Military Construction, Army Reserve Outyear Project Data
FY2012 MCAR PRESBUD (FY2012-2016)**

<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 12 Budgeted Amount (\$000)</u>	<u>Change From Previous Submission (\$000)</u>
USAR	2014	2086	Fort McCoy	WI	Garrison Administrative Facility	610	0532292A	Y	Y	100	19,000	0
USAR	2014	2086	Fort McCoy	WI	Dining Facility	722	0532292A	Y	Y	100	8,600	8,600
USAR	2014	2086	Fort McCoy	WI	NCO Academy Dining Facility	722	0532292A	Y	Y	100	6,600	6,600
USAR	2014	2086	Ft McCoy	WI	Dining Facility	722	0532292A	Y	Y	100	0	-8,600
USAR	2014	2086	Ft McCoy	WI	NCO Academy Dining Facility	722	0532292A	Y	Y	100	0	-6,600
USAR	2014	2086	Ft McCoy	WI	DOIM Information Systems Facility	131	0532292A	Y	Y	100	0	-7,400
USAR	2014	2086	WW Various Minor	WW	Unspecified Minor Construction	000	0532292A	O	O		6,985	585
USAR	2014	2086	WW Various P&D	WW	Planning and design	000	0532292A	O	O		26,742	-1,000
FY14 Total											210,227	16,585
USAR	2015	2086	Bakersfield	CA	Armed Forces Reserve Center	171	0532292A	Y	Y	100	17,500	0
USAR	2015	2086	Camp Parks	CA	TASS Training Center	171	0532292A	Y	Y	100	0	-17,000
USAR	2015	2086	Fresno	CA	Army Reserve Center	171	0532292A	Y	Y	100	20,000	0
USAR	2015	2086	San Pablo	CA	Army Reserve Center	171	0532292A	Y	Y	100	21,000	0
USAR	2015	2086	Clearwater	FL	Aviation Support Facility - Ph II	211	0532292A	N	N	100	11,200	0
USAR	2015	2086	Fremont	NE	Army Reserve Center	171	0532292A	Y	Y	100	8,000	0
USAR	2015	2086	Mattydale	NY	Army Reserve Center	171	0532292A	Y	Y	100	23,000	0
USAR	2015	2086	Dayton	OH	Army Reserve Center	171	0532292A	Y	Y	100	12,400	0
USAR	2015	2086	Ft Pickett	VA	TASS Training Center	171	0532292A	Y	Y	100	17,000	17,000
USAR	2015	2086	Eau Claire	WI	Army Reserve Center	171	0532292A	Y	Y	100	16,000	0
USAR	2015	2086	WW Various Minor	WW	Unspecified Minor Construction	000		O	O		8,155	1,155
USAR	2015	2086	WW Various P&D	WW	Planning and Design	000		O	O		20,469	-1,500
FY15 Total											174,724	-345
USAR	2016	2086	Bell	CA	Armed Forces Reserve Center, Phase II	171	0532292A	Y	Y	100	28,000	28,000
USAR	2016	2086	San Diego	CA	Army Reserve Center	171	0532292A	Y	Y	100	32,000	32,000
USAR	2016	2086	Starkville	MS	Army Reserve Center	171	0532292A	Y	Y	100	9,400	9,400
USAR	2016	2086	Mcguire-Dix-lakeh	NJ	Army Reserve Center	171	0532292A	Y	Y	100	28,000	28,000
USAR	2016	2086	Aguadilla	PR	Army Reserve Center	171	0532292A	Y	Y	100	36,000	36,000
USAR	2016	2086	Memphis	TN	AMSA / TEMF	214	0532292A	Y	N	100	9,900	9,900
USAR	2016	2086	Renton	WA	Army Reserve Center/Land	171	0532292A	Y	Y	100	14,800	14,800
USAR	2016	2086	WW Various Minor	WW	Unspecified Minor Construction	000	0532292A	O	O		5,081	5,081
USAR	2016	2086	WW Various P&D	WW	Planning and Design	000	0532292A	O	O		14,514	14,514
FY16 Total											177,695	177,695
Grand Total											1,205,054	211,536

MILITARY CONSTRUCTION, ARMY RESERVE

FY2012 BUDGET SUMMARY

As an enduring operational force, the Army Reserve is the premier force provider of America's Citizen-Soldiers for planned and emerging missions at home and abroad. Enhanced by civilian skills that serve as a force multiplier, we deliver vital military capabilities essential to the Total Force.

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

<u>FISCAL YEAR</u>	<u>APPROPRIATIONS (\$)</u>
2012	280,549,000
2011	318,175,000
2010	431,566,000
2009	281,687,000

1. Major Construction. The MCAR major construction program is one of the most visible means of improving Army Reserve working conditions. This program provides funding for military construction projects in the United States and Territories as authorized in the Military Construction Acts and in this year's request for Authorization and Appropriations. This request funds the Army Reserve's most critical facilities needs within the context of transformation. The Army Reserve has realigned its generating forces to operational forces to provide increased combat service and combat service support units in support of additional Brigade Combat Teams in the Active Component and National Guard.

2. Minor Construction. Provision is made for construction of unspecified projects that have not been individually authorized by law, but are determined to be urgent requirements that do not exceed the \$2.0 million threshold established in 10 USC 2805. However, life-, health-, or safety-threatening projects may have approved costs not to exceed \$3.0 million.

3. Planning & Design. This provides for necessary planning of military construction projects including design, surveys, studies, and other related activities. In general, design funds requested in fiscal year 2012 will be used to design projects in the Army Reserve Fiscal Years 2013 and 2014 programs.

MILITARY CONSTRUCTION, ARMY RESERVE

FY2012 BUDGET ESTIMATE

APPROPRIATION LANGUAGE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army Reserve as currently authorized by law, \$280,549,000, to remain available until September 30, 2016.

MILITARY CONSTRUCTION, ARMY RESERVE

FY 2012 BUDGET ESTIMATE

SPECIAL PROGRAM CONSIDERATIONS

Pollution Abatement

Military construction projects proposed in this program will be designed to meet environmental standards. Projects 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 project 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 for 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.

SPECIAL PROGRAM CONSIDERATIONS

(Continued)

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 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 2012 budget.

Other Congressional – Planning and Design

No considerations are made for directed planning and design projects in the FY 2012 budget.

FEBRUARY 2011

MILITARY CONSTRUCTION ARMY RESERVE
FY 2012 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 AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 04 JAN 2011				
3. INSTALLATION AND LOCATION Fort Hunter Liggett California		4. AREA CONSTRUCTION COST INDEX 1.19					
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							
ARNG	San Miguel, CA	43.00 miles	Armory				
ARNG	Salinas, CA	47.00 miles	Armory				
ARNG	Santa Maria, CA	112.00 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>				
178	Automated Multipurpose Machin	7 FP (7 FP)	5,200 AUG 2010 DEC 2011				
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):		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 AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011									
3. INSTALLATION AND LOCATION Fort Hunter Liggett California											
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.COMONENT AR		FY 2012 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Fort Hunter Liggett California				4.PROJECT TITLE Automated Multipurpose Machine Gun (MPMG)		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 178	7.PROJECT NUMBER CAR 12-71702		8.PROJECT COST (\$000) Auth 5,200 Approp 5,200	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,605
Automated Multipurpose Machine		FP	7	--	464,476	(3,251)
Range Operations & Control Area		EA	1	--	132,463	(132)
Renovate Range Control Tower		EA	1	--	61,292	(61)
Operations/Storage Building		m2 (SF)	74.32	(800)	2,803	(208)
Classroom Building		m2 (SF)	74.32	(800)	3,622	(269)
Total from Continuation page						(684)
<u>SUPPORTING FACILITIES</u>						114
Electric Service		LS	--	--	--	(47)
Information Systems		LS	--	--	--	(67)
ESTIMATED CONTRACT COST						4,719
CONTINGENCY (5.00%)						236
SUBTOTAL						4,955
SUPV, INSP & OVERHEAD (5.70%)						282
TOTAL REQUEST						5,237
TOTAL REQUEST (ROUNDED)						5,200
TOTAL RELATED FURNITURE & EQUIP						(2,005)
10.Description of Proposed Construction Construct a reduced lane (7-lane) standard design, Automated Multipurpose Machine Gun (MPMG) range. Primary facilities include a MPMG with 4-1500 meter lanes and 3-800 meter lanes, range operations and control area, range control tower renovation, operations/storage building, classroom building, latrine, bleacher enclosure, covered mess, ammunition breakdown building, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005(EPAct05) features will be provided. Supporting facilities include electric service and information systems. Air Conditioning estimated at 12 Tons.						
11. REQ:		7 FP	ADQT:		NONE	SUBSTD: NONE
PROJECT: Construct an Automated Multipurpose Machine Gun Range.						
REQUIREMENT: This project is required to train and test Soldiers on the skills necessary to detect, identify, engage and defeat stationary and moving infantry targets in a tactical array. This range satisfies the training and qualification requirements of light and heavy machine gunnery. The lane reduction is required to meet installation SDZ requirement, and is the best site for this range within Fort Hunter Liggett.						

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Fort Hunter Liggett, California

4. PROJECT TITLE Automated Multipurpose Machine Gun (MPMG)	5. PROJECT NUMBER CAR 12-71702
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)
(b) Where Most Recently Used:

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	290
(b) All Other Design Costs.....	440
(c) Total Design Cost.....	730
(d) Contract.....	400
(e) In-house.....	330
(4) Construction Contract Award.....	JAN 2012
(5) Construction Start.....	MAR 2012
(6) Construction Completion.....	MAR 2013

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>
Target Equipment	OPA	2012	2,000
Info Sys - ISC	OPA	2013	5
		TOTAL	2,005

Point of Contact: Mike Sugimura, (703) 602-8662

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Ft Collins Colorado		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
409 PLT 1 (VERT CONST)	46	46
409 PLT 2 (VERT CONST)	46	46
409 PLT 3 (VERT CONST)	46	46
409 PLT 4 (FIELD MAINT)	10	10
409 CO HQ (VERT CONST)	<u>14</u>	<u>14</u>
Totals	162	162
AMSA 100 BMA (G) has two full-time mechanics		
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	52	33
TRAILERS	<u>22</u>	<u>16</u>
TOTALS	74	49
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 2012 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Ft Collins Colorado			4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67658	8.PROJECT COST (\$000) Auth 13,600 Approp 13,600	
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					10,065
Land Purchase		ha (AC)	6.07 (15)	264,415	(1,605)
Army Reserve Training Building		m2 (SF)	2,848 (30,657)	2,209	(6,291)
Vehicle Maintenance Shop		m2 (SF)	539.86 (5,811)	3,090	(1,668)
Unheated Storage Building		m2 (SF)	113.06 (1,217)	1,304	(147)
SDD and EPAct05		LS	--	--	(166)
Total from Continuation page					(188)
<u>SUPPORTING FACILITIES</u>					1,682
Electric Service		LS	--	--	(226)
Water, Sewer, Gas		LS	--	--	(265)
Paving, Walks, Curbs & Gutters		LS	--	--	(306)
Storm Drainage		LS	--	--	(80)
Site Imp(750) Demo()		LS	--	--	(750)
Information Systems		LS	--	--	(33)
Antiterrorism Measures		LS	--	--	(22)
ESTIMATED CONTRACT COST					11,747
CONTINGENCY (5.00%)					587
SUBTOTAL					12,334
SUPV, INSP & OVERHEAD (5.70%)					703
DESIGN/BUILD - DESIGN COST					493
TOTAL REQUEST					13,530
TOTAL REQUEST (ROUNDED)					13,600
TOTAL RELATED FURNITURE & EQUIP					(1,421)
10.Description of Proposed Construction Construct a 150-member Army Reserve Center. Primary facilities include land acquisition and construction of an Army Reserve Center (ARC) training building, Organizational Maintenance Shop (OMS), and unheated storage building. 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 331 kW/94 Tons).					
11. REQ:		3,501 m2	ADQT:	NONE	SUBSTD: NONE
PROJECT: Land acquisition and construction of an ARC training building, OMS,					

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Ft Collins, Colorado

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67658
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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	--	--	(83)
Building Information Systems	LS	--	--	(105)
			Total	188

PROJECT: (CONTINUED)
and unheated storage building. (Current Mission)

REQUIREMENT: This project will provide fifteen acres of land in the vicinity of Fort Collins, 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: This project will replace the existing lease facility in Fort Collins. The Fort Collins AR Center is covered by a lease that houses the training and maintenance activities under one roof in a "Butler" style building. Considering the high cost lease, the building is substandard and a portion of the property lies within a 100 year flood plain. The leased facility is for training and maintenance activities (9,800 SF at \$210,860/year). This facility does not provide adequate training, administrative, or operations space to meet mission requirements, especially mobilization and readiness and is noncompliant with UFC 04-010-01 DoD Minimum Antiterrorism Standards for Buildings regarding setback requirements.

IMPACT IF NOT PROVIDED: Army Reserve Soldiers will continue to occupy facilities with a poor training/working environment, which significantly impacts upon unit mobilization, readiness, retention, and morale. In addition, public complaints over the presence of the Reserve Center will continue, further degrading unit morale.

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, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable

1.COMONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION
Ft Collins, Colorado

4.PROJECT TITLE Army Reserve Center	5.PROJECT NUMBER CAR 12-67658
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ADDITIONAL: (CONTINUED)
laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... JUL 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... DEC 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 773
 - (b) All Other Design Costs..... 331
 - (c) Total Design Cost..... 1,104
 - (d) Contract..... 883
 - (e) In-house..... 221

- (4) Construction Contract Award..... MAR 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... SEP 2013

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Ft Collins, Colorado

4. PROJECT TITLE

Army Reserve Center

5. PROJECT NUMBER

CAR 12-67658

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	2013	736
Collateral Equipment	OMAR	2012	632
Info Sys - ISC	OPA	2013	11
Info Sys - PROP	OMAR	2013	42
		TOTAL	<u>1,421</u>

Point of Contact: Walt Kilmer, (703) 602-8492

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011																															
3. INSTALLATION AND LOCATION Homewood Illinois		4. AREA CONSTRUCTION COST INDEX 1.19																															
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 Harvey, IL 10.00 miles Center USAR Orland Park, IL 11.00 miles Center USAR Joliet, IL 22.00 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>C MPL</u></th> </tr> </thead> <tbody> <tr> <td>171</td> <td>Add/Alt Army Reserve Center</td> <td>5,934 m2 (63,868 SF)</td> <td style="text-align:right;">16,000</td> <td style="text-align:right;">AUG 2010 DEC 2011</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>C MPL</u>	171	Add/Alt Army Reserve Center	5,934 m2 (63,868 SF)	16,000	AUG 2010 DEC 2011																					
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN STATUS</u> <u>START</u> <u>C MPL</u>																													
171	Add/Alt Army Reserve Center	5,934 m2 (63,868 SF)	16,000	AUG 2010 DEC 2011																													
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 SEP 2010 (Date)																																	
9. LAND ACQUISITION REQUIRED NONE 0 (Number of acres)																																	
10. PROJECTS PLANNED IN NEXT FOUR YEARS 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> </tr> </thead> <tbody> <tr> <td colspan="3">NONE</td> <td></td> </tr> <tr> <td colspan="2">DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):</td> <td style="text-align:right;">0</td> <td></td> </tr> </tbody> </table> A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.			<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	NONE				DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0																				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>																														
NONE																																	
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0																															
11. PERSONNEL STRENGTH AS OF 30 JUN 2010 <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;">30</td> <td style="text-align:center;">4</td> <td style="text-align:center;">17</td> <td style="text-align:center;">9</td> <td style="text-align:center;">420</td> <td style="text-align:center;">69</td> <td style="text-align:center;">351</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align:center;">13</td> <td style="text-align:center;">2</td> <td style="text-align:center;">6</td> <td style="text-align:center;">5</td> <td style="text-align:center;">321</td> <td style="text-align:center;">46</td> <td style="text-align:center;">275</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	30	4	17	9	420	69	351	ACTUAL	13	2	6	5	321	46	275
	<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	13	2	6	5	321	46	275																										

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Homewood Illinois		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 76%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
Det 1, 100th Bn (-) (Chem), 3d Bde	41	36
Hqs Company, 100th Bn (PS)(-), 4th Bde	105	83
300th AG Company, (Postal)	164	109
HHC, 308th CA Bde	110	93
Totals	420	321
ASGD/AUTH 75 Percent.		
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	66	42
TRAILERS	26	17
TOTALS	92	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 2012 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Homewood Illinois			4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0505978A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67713	8.PROJECT COST (\$000) Auth 16,000 Approp 16,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					12,815
Training Building Addition	m2 (SF)	3,316 (35,694)		2,477	(8,215)
Training Building Alteration	m2 (SF)	2,293 (24,680)		1,531	(3,510)
Unheated Storage Building	m2 (SF)	324.60 (3,494)		1,269	(412)
SDD and EPAct05	LS	--		--	(246)
Antiterrorism Measures	LS	--		--	(123)
Building Information Systems	LS	--		--	(309)
<u>SUPPORTING FACILITIES</u>					1,433
Electric Service	LS	--		--	(286)
Water, Sewer, Gas	LS	--		--	(381)
Storm Drainage	LS	--		--	(95)
Site Imp(605) Demo()	LS	--		--	(605)
Information Systems	LS	--		--	(46)
Antiterrorism Measures	LS	--		--	(20)
ESTIMATED CONTRACT COST					14,248
CONTINGENCY (5.00%)					712
SUBTOTAL					14,960
SUPV, INSP & OVERHEAD (5.70%)					853
TOTAL REQUEST					15,813
TOTAL REQUEST (ROUNDED)					16,000
TOTAL RELATED FURNITURE & EQUIP					(1,752)
10.Description of Proposed Construction Construct an addition and alteration to a 400-member Army Reserve Center (ARC). Primary facilities include the ARC training building and unheated storage building. 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 464 kW/132 Tons).					
11. REQ:	5,934 m2	ADQT:	NONE	SUBSTD:	2,293 m2
PROJECT: Construct an addition and alteration to an ARC training building and unheated storage building. (Current Mission)					

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Homewood, Illinois		
4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67713	
<p><u>REQUIREMENT:</u> This project will provide a 400-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, heated and unheated storage, and physical fitness areas for four Army Reserve units.</p> <p><u>CURRENT SITUATION:</u> Two 100th Division battalions are located at the Harvey, IL Zega Brothers Army Reserve Center (ARC), four miles from the Vietnam Veterans Memorial ARC, that is occupied by the 308th Civil Affairs Brigade and the 300th AG Company. Zega Brothers USARC (16,557 sf) was constructed in 1961 on 4 acres. It is very overcrowded, cannot be expanded to meet minimum mission requirements, requires extensive repairs and replacements, and is located in an old industrial area. Vietnam Veterans Memorial ARC (31,080 sf) was constructed in 1985 on 33.5 acres and has adequate land to meet current Anti-terrorism/Force Protection standards. It is an outstanding building in an excellent location that continues to serve south Chicago. Vietnam Veterans Memorial ARC is twenty years old and will require replacement of major mechanical and architectural items because they are near the end of their physical life. Cost to accomplish this work is included in this project. Analysis indicates expansion of Vietnam Veterans Memorial ARC is significantly more economical than replacement. Zega Brothers ARC at Harvey, IL will be disposed of, in accordance with Army policy.</p> <p><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 and the BRAC proposal will not be implemented. This will continue to have a negative impact on training and retention objectives.</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, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>AUG 2010</u></p> <p>(b) Percent Complete As Of January 2011..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>MAR 2011</u></p>		

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Homewood, Illinois

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67713
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... DEC 2011
- (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..... 924
- (b) All Other Design Costs..... 396
- (c) Total Design Cost..... 1,320
- (d) Contract..... 1,056
- (e) In-house..... 264

(4) Construction Contract Award..... MAR 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... OCT 2013

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	2014	819
Collateral Equipment	OMAR	2013	702
Info Sys - ISC	OPA	2013	29
Info Sys - PROP	OMAR	2013	202
		TOTAL	<u>1,752</u>

Point of Contact: LTC Huerta, (703) 602-5153

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 04 JAN 2011				
3. INSTALLATION AND LOCATION Rockford Illinois		4. AREA CONSTRUCTION COST INDEX 1.19					
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 ARNG Machesney Park, IL 7.00 miles Armory ARNG Beloit, WI 17.00 miles Armory USAR Beloit, WI 18.00 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>				
171	Army Reserve Center/Land	3,535 m2 (38,053 SF)	12,800 (\$000) AUG 2010 DEC 2011				
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>21 SEP 2009</u> (Date)							
9. LAND ACQUISITION REQUIRED Fee Simple <u>15.00</u> (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 30 MAR 2010							
	<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	11	0	6	5	147	12	135
ACTUAL	11	0	6	5	147	12	135

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Rockford Illinois		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 98%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
VERT CONST, PLT 1	46	46
FIELD MAINT TM, PLT 4	10	10
VERT CONST, HQ CO	14	14
PVNIMED DET (SANI)	10	10
PVNIMED DET (ENTO)	10	9
MDM LIFT AMMO PLT	47	47
PVNIMED DET (SANI)	<u>10</u>	<u>9</u>
Totals	147	145
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	61	40
TRAILERS	<u>38</u>	<u>26</u>
TOTALS	99	66
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 2012 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Rockford Illinois				4.PROJECT TITLE Army Reserve Center/Land		
5.PROGRAM ELEMENT 55994A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67664		8.PROJECT COST (\$000) Auth 12,800 Approp 12,800	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						9,664
Land Purchase		ha (AC)	6.07 (15)		54,366	(330)
Army Reserve Training Building		m2 (SF)	2,902 (31,239)		2,442	(7,087)
Vehicle Maintenance Shop		m2 (SF)	491.83 (5,294)		3,410	(1,677)
Unheated Storage Building		m2 (SF)	141.21 (1,520)		1,400	(198)
SDD and EPAct05		LS	--		--	(182)
Total from Continuation page						(190)
<u>SUPPORTING FACILITIES</u>						1,399
Electric Service		LS	--		--	(140)
Water, Sewer, Gas		LS	--		--	(180)
Paving, Walks, Curbs & Gutters		LS	--		--	(270)
Storm Drainage		LS	--		--	(50)
Site Imp(650) Demo()		LS	--		--	(650)
Information Systems		LS	--		--	(92)
Antiterrorism Measures		LS	--		--	(17)
ESTIMATED CONTRACT COST						11,063
CONTINGENCY (5.00%)						553
SUBTOTAL						11,616
SUPV, INSP & OVERHEAD (5.70%)						662
DESIGN/BUILD - DESIGN COST						465
TOTAL REQUEST						12,743
TOTAL REQUEST (ROUNDED)						12,800
TOTAL RELATED FURNITURE & EQUIP						(1,126)
10.Description of Proposed Construction Construct a 150-member Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, Organizational Maintenance Shop (OMS), and unheated storage building. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, 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 225 kWr/64 Tons).						
11. REQ:		3,535 m2	ADQT:	NONE	SUBSTD:	2,587 m2
PROJECT: Land acquisition and construction of an ARC training building, OMS, and unheated storage building. (Current Mission)						

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Rockford, Illinois

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 12-67664
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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	--	--	(91)
Building Information Systems	LS	--	--	(99)
			Total	190

REQUIREMENT: This project will provide fifteen acres of land in the vicinity of Rockford, and a 150-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 and maintenance administrative support. The project will also provide adequate parking space for all military and privately-owned vehicles.

CURRENT SITUATION: The Rockford Army Reserve Center (ARC), located on 3.7 acres in Rockford, IL, consists of a 16,411 square feet training building, 4,990 square feet maintenance shop, and no existing unheated storage building. Constructed in 1956 this facility is occupied by four Army Reserve units and has a utilization rate of 183 percent. This facility is not adequately sized or configured to accommodate required administrative, classroom, storage, or special training needs of assigned Army Reserve units. In addition, this facility is located in a high crime area and does not have the opportunity for redevelopment due to acreage and surrounding land use. The William J. Huempfer USARC, located on 4 acres in Beloit, WI, consists of a 4,316 square feet training building, 1,325 square feet maintenance shop, and 800 square feet storage building. Constructed in 1962 this facility is occupied by three Army Reserve units and has a utilization rate of 245 percent. Both the Rockford USARC (21,401 square feet) and William J. Huempfer USARC (6,441 square feet) will be properly disposed upon completion of this project and will eliminate an estimated \$400,000 in future costs for continued repairs, general maintenance, and additional safety enhancement measures through 2010.

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, Housing and Partnerships) 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

1.COMONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION
Rockford, Illinois

4.PROJECT TITLE Army Reserve Center/Land	5.PROJECT NUMBER CAR 12-67664
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ADDITIONAL: (CONTINUED)
project engineering design was used to develop this budget estimate. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... DEC 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 729
 - (b) All Other Design Costs..... 311
 - (c) Total Design Cost..... 1,040
 - (d) Contract..... 832
 - (e) In-house..... 208

- (4) Construction Contract Award..... JAN 2012

- (5) Construction Start..... FEB 2012

- (6) Construction Completion..... AUG 2013

1.COMONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION
Rockford, Illinois

4.PROJECT TITLE Army Reserve Center/Land	5.PROJECT NUMBER CAR 12-67664
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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	2013	583
Collateral Equipment	OMAR	2012	498
Info Sys - ISC	OPA	2013	13
Info Sys - PROP	OMAR	2013	32
		TOTAL	<u>1,126</u>

Point of Contact: LTC Huerta, (703) 602-5153

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 04 JAN 2011				
3. INSTALLATION AND LOCATION Fort Benjamin Harrison Indiana		4. AREA CONSTRUCTION COST INDEX .99					
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							
USCG	Indianapolis, IN	5.00 miles	Center				
ARNG	Indianapolis, IN	10.00 miles	Center				
ARNG	Indianapolis, IN	11.00 miles	Center				
USMCR	Indianapolis, IN	11.00 miles	Center				
USNR	Indianapolis, IN	11.00 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>				
17141	Armed Forces Reserve Center	19,978 m2 (215,046 SF)	57,000 AUG 2010 DEC 2011				
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 JOINT CONSTRUCTION.			<u>11 APR 2010</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>				
	Demolition of Selected Buildings - FY 2004		200 0				
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 02 DEC 2010							
	<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	183	36	79	68	1,465	358	1,107
ACTUAL	183	36	79	68	1,465	358	1,107

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Fort Benjamin Harrison Indiana		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
MAINT TMS	17	17
100 BN (SIG) (-)	39	39
4 HQ BDE (CSS) 100 DIV (IT)	66	66
411 BN (LOG SPT)	50	50
338 BN (TS) (CS/CSS)	133	133
2100 DET 4 GP USA MI (GND)	15	15
310 DET MSE (310 ESC)	61	61
TM 5 FAC ENGR (NW)	7	7
48 DET	3	3
91 TM 3 (LEGAL SVC)	13	13
22 DET	2	2
26 DET	2	2
300 PLT 5 (CASUALTY HQ)	2	2
300 TM 1 (CAS LIA)	5	5
300 TM 2 (CAS LIA)	5	5
300 TM 3 (CAS LIA)	5	5
300 TM 4 (CAS LIA)	5	5
300 TM 5 (CAS LIA)	5	5
801 ELM EEH (44B) CO B	141	141
801 ELM HOSP AUG (40B)	35	35
55 CO (CBT STRESS CON)	46	46
350 DET	8	8
310 HHC SUSTAINMENT CMD	255	255
733 PLT 2 (AUTM/ARM MAINT)	43	43
733 PLT 3 (WHLD VEH MAINT)	9	9
733 PLT 5 (GND SPT EQUIP)	27	27
733 PLT 9 (GSE MAINT MOD)	<u>9</u>	<u>9</u>
Totals	1,028	1,028
14 Navy Reserve units not shown = 257, 2 Marine Corps Reserve units not shown = 180, Total units = 44		
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	166	106
TRAILERS	136	87
TRACKED	<u>1</u>	<u>1</u>
TOTALS	303	194
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 2012 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Fort Benjamin Harrison Indiana				4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67673		8.PROJECT COST (\$000) Auth 57,000 Approp 57,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						41,469
Army Reserve Training Building		m2 (SF)	11,755 (126,532)		1,844	(21,680)
USNR/USMCR Training Building		m2 (SF)	5,333 (57,402)		1,899	(10,126)
Army Reserve Vehicle Maint Shop		m2 (SF)	2,481 (26,709)		2,390	(5,930)
USNR/USMCR Vehicle Maint Shop		m2 (SF)	409.05 (4,403)		2,898	(1,185)
Army Reserve DEPMEDS		LS	--		--	(225)
Total from Continuation page						(2,323)
SUPPORTING FACILITIES						9,501
Electric Service		LS	--		--	(1,084)
Water, Sewer, Gas		LS	--		--	(1,445)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,133)
Storm Drainage		LS	--		--	(362)
Site Imp(4,335) Demo(818)		LS	--		--	(5,153)
Information Systems		LS	--		--	(230)
Antiterrorism Measures		LS	--		--	(94)
ESTIMATED CONTRACT COST						50,970
CONTINGENCY (5.00%)						<u>2,549</u>
SUBTOTAL						53,519
SUPV, INSP & OVERHEAD (5.70%)						<u>3,051</u>
TOTAL REQUEST						56,570
TOTAL REQUEST (ROUNDED)						57,000
TOTAL RELATED FURNITURE & EQUIP						(5,397)
10.Description of Proposed Construction Construct a 1,000-member Army Reserve Center (ARC). Primary facilities include construction of an ARC training building, collocated Area Maintenance Support Activity (AMSA) / Organizational Maintenance Shop (OMS), and Deployable Medical Sets (DEPMEDS) site. Construct a 600-member Navy Reserve/Marine Corps Reserve training building and maintenance facility. The Navy Reserve will construct a new Navy Operational Support Center (NOSC) with the Marines in Indianapolis on the Army Reserve Fort Ben Harrison complex. The Navy and Marine Corps Reserve will be able to minimize joint use common space requirements by scheduling alternate training periods thus allowing joint use spaces to be shared among the tenants organizations of the facility and complex. This will save money not only on the construction of the facility but also for the maintenance and sustainment during the life of the buildings. The Navy project scope was derived using approved facility planning criteria for the facility category codes 171-15 Navy Reserve Training Center. The personnel loading was based on 402 Naval Reservists drilling two weekends a month as of 10 Nov 2010. 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						

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Fort Benjamin Harrison, Indiana

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67673
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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	--	--	(804)
Antiterrorism Measures	LS	--	--	(402)
Building Information Systems	LS	--	--	(1,117)
			Total	2,323

DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)

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 8 Buildings (TOTAL 9,501 m2/102,272 SF). Air Conditioning (Estimated 1,660 kW/472 Tons).

11. REQ: 19,978 m2 ADQT: NONE SUBSTD: NONE
PROJECT: Construct an ARC training building, AMSA/OMS and DEPMEDS site. Construct a USNR/USMCR training building and maintenance facility. (Current Mission)
REQUIREMENT: To be located on Fort Ben Harrison, this project will provide a 1,000-member ARC training building with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for twenty eight Army Reserve units. The maintenance shop will provide work bays and maintenance administrative support. The DEPMEDS site will provide one acre with security lighting and fencing for the Army Reserve. The project will also provide for unit storage and adequate parking space for military and privately-owned vehicles. The unheated storage requirement will be fulfilled by utilizing a nearby storage building (107) on Fort Ben Harrison, thus construction of an unheated storage building is not required. Demolition of 102,272 square feet of buildings on Fort Ben Harrison is also required. Construct a 600-member training building and maintenance facility to support fourteen Navy Reserve units and two Marine Corps Reserve units to adequately and efficiently consolidate and configure facilities required to support drilling reservists in training, maintenance and personnel administration. The existing square footage of NOSC and the MCRC in Indianapolis, IN is 55,519 SF. The Navy Operational Support Center for the Naval Reserve forces requirement is only at 29,429SF. The existing facility will be transferred to the State of Indiana after the new facility is constructed.
CURRENT SITUATION: Seven Army Reserve units are assigned to the GSA DFAS

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Fort Benjamin Harrison, Indiana		
4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67673	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>United States Army Reserve Center (USARC), a leased facility located in Indianapolis, IN. This lease will be terminated in July 2012 saving the Government \$400,000/year. Located 15 miles from the GSA DFAS USARC, the Robert M. Moore USARC is located on 6.76 acres and consists of a 48,348 square feet (sf) training building and 6,097 sf storage building. Constructed in 1959 this facility is occupied by twenty-one Army Reserve units. The Robert M. Moore USARC will be excessed upon project completion. The Fort Ben Harrison USARC / AMSA 129, Indianapolis, IN is located on 138.39 acres (37.51 acres of which is outgranted to the state of Indiana) and consists of training buildings, maintenance shops, storage buildings, and unheated storage buildings. Constructed in 1973 this facility consists of seventeen Army Reserve units. 102,272 sf of buildings at the Fort Ben Harrison USARC will be demolished upon project completion. The 1LT Charles L. Waples USARC is also located in Indianapolis, IN. Constructed in 1956 this facility is located on 3.28 acres and consists of an 11,525 sf training building and 2,998 sf maintenance shop. This facility consists of one Army Reserve unit. The 1LT Charles L. Waples USARC will be excessed upon project completion. The NOSC is currently leased to the Navy by the State of Indiana. The building was designed and built in 1930's by the Works Progress Administration. Due to the building's historic status, there are constraints as to what can be renovated within the facility. The historic structure has many mechanical, electrical and water problems. The facility was built on the river's edge which contributes to the space maintenance problems. The basement floods whenever the river reaches high flood stage height, damaging equipment and training areas. Although there are over 50,000 square feet of functional administrative and training space within the facility, due to its historic nature, the space can not be properly modified to meet current military training requirements. The current facility does not meet the minimum AT/FP standoff distances. Facility parking is located within 10LF of the building. There is also a river within 35 LF and a regularly traveled public roadway runs within 30 LF of the existing facility. On one occasion a passing vehicle slid off the roadway and hit the exterior wall of the building. The Navy Reserve has equipment and material stored in the basement of the Naval Armory. This also depends on the amount of flood waters that can and does get pass the basement floor door. The building boiler that heats the building is also in the basement. Worst case if it floods out the boiler in the winter time the water pipes could break thus making it difficult to train in a uncomfortable situation. Temporary classrooms have been set up on the drill floor at Indianapolis to help utilize the space. Naval reservists have been drilling at Camp Atterbury, Indiana and at Naval Station Crane, Indiana due to lack of proper training spaces. The existing historic 55,519 SF facility, which was built in 1937 is owned by the State of Indiana and leased by the Naval Reserve forces. The existing space in the facility will be returned to the State of Indiana and the existing lease terminated. (The current lease can end in one of two ways. It may be</p>		

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Fort Benjamin Harrison, Indiana

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67673
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs.....	1,738
(c) Total Design Cost.....	5,098
(d) Contract.....	4,078
(e) In-house.....	1,020

(4) Construction Contract Award..... MAR 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

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>
USAR Furniture	OMAR	2014	1,924
USAR Collateral Equipment	OMAR	2013	1,649
USNR Collateral Equipment	OMAR	2013	872
USMCR Collateral Equipment	OMAR	2013	250
Info Sys - ISC	OPA	2013	243
Info Sys - PROP	OMAR	2013	459
		TOTAL	5,397

Point of Contact: LTC Huerta, 703-545-2119

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011																															
3. INSTALLATION AND LOCATION Kansas City Kansas		4. AREA CONSTRUCTION COST INDEX .89																															
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 ARNG Kansas City, KS 1.00 miles Center ARNG Lenexa, KS 12.00 miles Center USAR Olathe, KS 17.00 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:left;"><u>DESIGN STATUS</u> <u>START</u></th> <th style="text-align:left;"><u>CMPL</u></th> </tr> </thead> <tbody> <tr> <td>171</td> <td>Army Reserve Center/Land</td> <td>4,400 m2 (47,360 SF)</td> <td style="text-align:right;">13,000</td> <td>AUG 2010</td> <td>DEC 2011</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	4,400 m2 (47,360 SF)	13,000	AUG 2010	DEC 2011																			
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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 JOINT CONSTRUCTION. <u>03 JUN 2010</u> (Date)																																	
9. LAND ACQUISITION REQUIRED Fee Simple <u>15.00</u> (Number of acres)																																	
10. PROJECTS PLANNED IN NEXT FOUR YEARS 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> </tr> </thead> <tbody> <tr> <td colspan="4">NONE</td> </tr> <tr> <td colspan="2">DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):</td> <td style="text-align:right;">0</td> <td></td> </tr> </tbody> </table> A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.			<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	NONE				DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0																				
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NONE																																	
DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0																															
11. PERSONNEL STRENGTH AS OF 30 JUN 2010 <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;">6</td> <td style="text-align:center;">0</td> <td style="text-align:center;">6</td> <td style="text-align:center;">0</td> <td style="text-align:center;">240</td> <td style="text-align:center;">7</td> <td style="text-align:center;">233</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align:center;">6</td> <td style="text-align:center;">0</td> <td style="text-align:center;">6</td> <td style="text-align:center;">0</td> <td style="text-align:center;">240</td> <td style="text-align:center;">7</td> <td style="text-align:center;">233</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	6	0	6	0	240	7	233	ACTUAL	6	0	6	0	240	7	233
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ACTUAL	6	0	6	0	240	7	233																										

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Kansas City Kansas		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
842 Quartermaster Co (Petrl Supply)	240	240
Totals	240	240
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	85	53
TRAILERS	104	65
TRACKED	2	2
TOTALS	191	120
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 2012 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Kansas City Kansas			4.PROJECT TITLE Army Reserve Center/Land		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67681	8.PROJECT COST (\$000) Auth 13,000 Approp 13,000	
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					9,755
Land Purchase		ha (AC)	6.07 (15)	135,914	(825)
Army Reserve Training Building		m2 (SF)	3,388 (36,468)	1,846	(6,255)
Vehicle Maintenance Shop		m2 (SF)	856.57 (9,220)	2,482	(2,126)
Unheated Storage Building		m2 (SF)	155.33 (1,672)	1,058	(164)
SDD and EPAct05		LS	--	--	(174)
Total from Continuation page					(211)
<u>SUPPORTING FACILITIES</u>					1,477
Electric Service		LS	--	--	(235)
Water, Sewer, Gas		LS	--	--	(320)
Paving, Walks, Curbs & Gutters		LS	--	--	(378)
Storm Drainage		LS	--	--	(81)
Site Imp(375) Demo()		LS	--	--	(375)
Information Systems		LS	--	--	(65)
Antiterrorism Measures		LS	--	--	(23)
ESTIMATED CONTRACT COST					11,232
CONTINGENCY (5.00%)					<u>562</u>
SUBTOTAL					11,794
SUPV, INSP & OVERHEAD (5.70%)					672
DESIGN/BUILD - DESIGN COST					<u>472</u>
TOTAL REQUEST					12,938
TOTAL REQUEST (ROUNDED)					13,000
TOTAL RELATED FURNITURE & EQUIP					<u>(1,184)</u>
10.Description of Proposed Construction Construct a 200-member Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, Organizational Maintenance Shop (OMS), and unheated storage building. 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 630 kW/179 Tons).					
11. REQ:		4,400 m2	ADQT:	NONE	SUBSTD: NONE
PROJECT: Land acquisition and construction of an ARC training building, OMS,					

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Kansas City, Kansas

4. PROJECT TITLE

Army Reserve Center/Land

5. PROJECT NUMBER

CAR 12-67681

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	--	--	(124)
			Total	211

PROJECT: (CONTINUED)

and unheated storage building. (Current Mission)

REQUIREMENT: To be located in the vicinity of Kansas City, this project will provide fifteen acres of land and a 200-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for one Army Reserve unit. The maintenance shop will provide work bays and maintenance administrative support. The project will also provide for unit storage and adequate parking space for military and privately-owned vehicles.

CURRENT SITUATION: This facility was constructed in 1963 and has suffered major structural damage due to foundation settlement. The current foundation settlement problems have been addressed but will require continue monitoring in the future. A persistent sewer smell has occurred randomly in the east addition for the last 4 to 5 years. The facility sits on a 6.62 acre site in a developed neighborhood limiting future site expansion. The 842 POL units have specialized equipment which utilize much of the military equipment parking (MEP) area and the unit currently has plans to store additional equipment in the Atchinson Storage Facility. The Kansas City area has been identified as a high growth area, therefore this facility has been identified for disposal in order to construct an enduring facility which would comply with Force Protection requirements in a more optimal location in the Kansas City Metroplex.

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. 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, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Kansas City, Kansas

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 12-67681
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ADDITIONAL: (CONTINUED)
be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... DEC 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 792
 - (b) All Other Design Costs..... 793
 - (c) Total Design Cost..... 1,585
 - (d) Contract..... 1,268
 - (e) In-house..... 317

- (4) Construction Contract Award..... MAR 2012

- (5) Construction Start..... APR 2012

- (6) Construction Completion..... OCT 2013

1.COMONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION

Kansas City, Kansas

4.PROJECT TITLE Army Reserve Center/Land	5.PROJECT NUMBER CAR 12-67681
---	--------------------------------------

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	2013	596
Collateral Equipment	OMAR	2012	511
Info Sys - ISC	OPA	2013	7
Info Sys - PROP	OMAR	2013	70
TOTAL			<u>1,184</u>

Point of Contact: LTC Huerta, (703) 602-5153

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE 04 JAN 2011			
3. INSTALLATION AND LOCATION Attleboro Massachusetts				4. AREA CONSTRUCTION COST INDEX 1.15			
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 00 miles .							
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>			
171	Army Reserve Center/Land	5,779 m2 (62,210 SF)	22,000	AUG 2010 DEC 2011			
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 JOINT CONSTRUCTION.				19 DEC 2009 (Date)			
9. LAND ACQUISITION REQUIRED							
Fee Simple				15.00 (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 02 JUN 2010							
	<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	34	2	8	24	346	67	279
ACTUAL	34	2	8	24	346	67	279

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Attleboro Massachusetts		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
RTD OFF ATTLEBORO MA	2	2
716 PLT 3 CO (VERT CONST)	46	46
338 PLT 1 CO (HORIZ CONST)	39	39
338 PLT 3 CO (EQUIP SPT)	42	42
338 PLT 4 CO (FLD MAINT TM)	27	27
338 HQ DET (HORIZ CONST)	14	14
399 ELM EEH (44B) CO B (84B)	90	90
399 ELM HOSP (40B) CO B (84B)	<u>86</u>	<u>86</u>
Totals	346	346
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	105	66
TRAILERS	86	55
TRACKED	<u>6</u>	<u>4</u>
TOTALS	197	125
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 2012 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Attleboro Massachusetts			4.PROJECT TITLE Army Reserve Center/Land		
5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67709	8.PROJECT COST (\$000) Auth 22,000 Approp 22,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				16,525	
Land Purchase	ha (AC)	6.07 (15)	247,117	(1,500)	
Army Reserve Training Building	m2 (SF)	4,045 (43,541)	2,335	(9,446)	
Vehicle Maintenance Shop	m2 (SF)	1,523 (16,390)	2,959	(4,505)	
Unheated Storage Building	m2 (SF)	211.73 (2,279)	1,286	(272)	
DEPMEDS	LS	--	--	(200)	
Total from Continuation page				(602)	
<u>SUPPORTING FACILITIES</u>				2,184	
Electric Service	LS	--	--	(250)	
Water, Sewer, Gas	LS	--	--	(350)	
Paving, Walks, Curbs & Gutters	LS	--	--	(717)	
Storm Drainage	LS	--	--	(75)	
Site Imp(675) Demo()	LS	--	--	(675)	
Information Systems	LS	--	--	(94)	
Antiterrorism Measures	LS	--	--	(23)	
ESTIMATED CONTRACT COST				18,709	
CONTINGENCY (5.00%)				935	
SUBTOTAL				19,644	
SUPV, INSP & OVERHEAD (5.70%)				1,120	
DESIGN/BUILD - DESIGN COST				786	
TOTAL REQUEST				21,550	
TOTAL REQUEST (ROUNDED)				22,000	
TOTAL RELATED FURNITURE & EQUIP				(1,970)	
10.Description of Proposed Construction Construct a 300-member Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, collocated Area Maintenance Support Activity (AMSA) / Organizational Maintenance Shop (OMS), unheated storage building, and a Deployable Medical Systems (DEPMEDS) site. 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 387 kW/110 Tons).					

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011																														
3. INSTALLATION AND LOCATION Attleboro, Massachusetts																																
4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 12-67709																															
<p>9. COST ESTIMATES (CONTINUED)</p> <table border="1"> <thead> <tr> <th data-bbox="232 531 722 562">Item</th> <th data-bbox="722 531 950 562">UM (M/E)</th> <th data-bbox="950 531 1242 562">QUANTITY</th> <th data-bbox="1242 499 1356 562">Unit COST</th> <th data-bbox="1356 499 1510 562">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="5" data-bbox="232 594 673 625"><u>PRIMARY FACILITY (CONTINUED)</u></td> </tr> <tr> <td data-bbox="232 625 722 657">SDD and EPAct05</td> <td data-bbox="722 625 950 657">LS</td> <td data-bbox="950 625 1242 657">--</td> <td data-bbox="1242 625 1356 657">--</td> <td data-bbox="1356 625 1510 657">(286)</td> </tr> <tr> <td data-bbox="232 657 722 688">Antiterrorism Measures</td> <td data-bbox="722 657 950 688">LS</td> <td data-bbox="950 657 1242 688">--</td> <td data-bbox="1242 657 1356 688">--</td> <td data-bbox="1356 657 1510 688">(145)</td> </tr> <tr> <td data-bbox="232 688 722 720">Building Information Systems</td> <td data-bbox="722 688 950 720">LS</td> <td data-bbox="950 688 1242 720">--</td> <td data-bbox="1242 688 1356 720">--</td> <td data-bbox="1356 688 1510 720">(171)</td> </tr> <tr> <td colspan="3"></td> <td data-bbox="1242 720 1356 751">Total</td> <td data-bbox="1356 720 1510 751">602</td> </tr> </tbody> </table>			Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)	<u>PRIMARY FACILITY (CONTINUED)</u>					SDD and EPAct05	LS	--	--	(286)	Antiterrorism Measures	LS	--	--	(145)	Building Information Systems	LS	--	--	(171)				Total	602
Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)																												
<u>PRIMARY FACILITY (CONTINUED)</u>																																
SDD and EPAct05	LS	--	--	(286)																												
Antiterrorism Measures	LS	--	--	(145)																												
Building Information Systems	LS	--	--	(171)																												
			Total	602																												
<p>11. REQ: 5,779 m2 ADQT: NONE SUBSTD: NONE</p> <p><u>PROJECT:</u> Land acquisition and construction of an ARC training building, AMSA/OMS, unheated storage building, and DEPMEDS site. (Current Mission)</p> <p><u>REQUIREMENT:</u> To be built in the vicinity of Attleboro, this project will provide fifteen acres of land and a 300-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for eight Army Reserve units. The maintenance shop will provide work bays and maintenance administrative support. The project will also provide for unit storage and adequate parking space for military and privately-owned vehicles. The DEPMEDS training site is required for mission essential equipment training.</p> <p><u>CURRENT SITUATION:</u> This project will replace the 1SGT Lawrence O. Poncin United States Army Reserve Center (USARC) located on 5.7 acres in Attleboro, MA. Constructed in 1958, this facility is 173 percent utilized and unable to meet current anti-terrorism/force protection standards. The 1SGT Lawrence O. Poncin USARC will be disposed of upon project completion.</p> <p><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.</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, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>																																

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Attleboro, Massachusetts

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 12-67709
--	---------------------------------------

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... DEC 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,320
 - (b) All Other Design Costs..... 671
 - (c) Total Design Cost..... 1,991
 - (d) Contract..... 1,573
 - (e) In-house..... 418

- (4) Construction Contract Award..... MAR 2012

- (5) Construction Start..... APR 2012

- (6) Construction Completion..... APR 2014

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Attleboro, Massachusetts

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 12-67709
--	-----------------------------------

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	2014	996
Collateral Equipment	OMAR	2013	854
Info Sys - ISC	OPA	2013	29
Info Sys - PROP	OMAR	2013	91
		TOTAL	<u>1,970</u>

Point of Contact: LTC Burton, (703) 602-8631

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE 04 JAN 2011			
3. INSTALLATION AND LOCATION St Joseph Minnesota				4. AREA CONSTRUCTION COST INDEX 1.11			
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 St Cloud, Stearns C 8.00 miles Center ARNG St Cloud, Stearns C 8.00 miles Armory ARNG Cold Spring, MN 21.00 miles Armory							
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>			
171	Army Reserve Center	3,847 m2 (41,405 SF)	11,800	AUG 2010 DEC 2011			
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>13 OCT 2009</u> (Date)			
9. LAND ACQUISITION REQUIRED NONE							
				<u>0</u> (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 30 JUN 2010							
	<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	24	5	12	7	189	21	161
ACTUAL	3	0	1	2	191	27	164

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION St Joseph Minnesota		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 101%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
329 Engineer Det (Survey)	14	15
367 Engineer Bn, HHC	83	83
367 Engineer Bn, Co A, (Fwd Spt)	<u>92</u>	<u>93</u>
Totals	189	191
ASGD/AUTH 114 PERCENT		
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	80	49
TRAILERS	68	42
TRACKED	<u>4</u>	<u>3</u>
TOTALS	152	94
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 2012 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION St Joseph Minnesota			4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67674	8.PROJECT COST (\$000) Auth 11,800 Approp 11,800		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
Army Reserve Training Building	m2 (SF)	3,734 (40,188)		2,262	9,000 (8,444)
Unheated Storage Building	m2 (SF)	113.06 (1,217)		1,368	(155)
SDD and EPAct05	LS	--		--	(174)
Antiterrorism Measures	LS	--		--	(87)
Building Information Systems	LS	--		--	(140)
<u>SUPPORTING FACILITIES</u>					1,707
Electric Service	LS	--		--	(200)
Water, Sewer, Gas	LS	--		--	(275)
Paving, Walks, Curbs & Gutters	LS	--		--	(380)
Storm Drainage	LS	--		--	(81)
Site Imp(700) Demo()	LS	--		--	(700)
Information Systems	LS	--		--	(50)
Antiterrorism Measures	LS	--		--	(21)
ESTIMATED CONTRACT COST					10,707
CONTINGENCY (5.00%)					535
SUBTOTAL					11,242
SUPV, INSP & OVERHEAD (5.70%)					641
TOTAL REQUEST					11,883
TOTAL REQUEST (ROUNDED)					11,800
TOTAL RELATED FURNITURE & EQUIP					(1,186)
10.Description of Proposed Construction Construct a 200-member Army Reserve Center (ARC). Primary facilities include construction of an ARC training building and unheated storage building. Buildings will be of permanent construction with 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 281 kW/80 Tons).					
11. REQ: 3,847 m2 ADQT: NONE SUBSTD: NONE					
PROJECT: Construct an ARC training building and unheated storage building. (Current Mission)					
REQUIREMENT: This project will provide three acres of additional land adjacent to AMSA 101 in St. Joseph, MN and a 200-member training facility with administrative, educational, assembly, library, learning center, vault,					

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION St Joseph, Minnesota		
4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67674	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>weapons simulator, and physical fitness areas for three Army Reserve units. The project will also provide for unit storage and adequate parking space for military and privately-owned vehicles.</p> <p><u>CURRENT SITUATION:</u> The engineer battalion (Headquarters and Forward Support Companies) (transformed FY08), and engineer detachment are tenants in an annex to the National Guard Armory in Saint Cloud. The military vehicles assigned to these units are located in a fenced compound with gravel surface on the Army Reserve owned 8 acre parcel. Unit and individual equipment is located in containers outside the National Guard facility and in a storage facility 100 miles away. The arms vault in the Armory is severely undersized, all other exclusive use space is undersized, dysfunctional and poorly maintained. The present facilities impact the ability of the unit to train on assigned tasks to meet mobilization and maintain their assigned equipment. The 20,694 square feet that the Army Reserve utilizes in the Armed Forces Reserve Center (AFRC) will be returned to the National Guard to relieve pressure on their over-crowded conditions.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The present lack of adequate training, storage, maintenance and administrative areas and the locating of the military vehicles and unit equipment at a substantial distance from the personnel assigned to this unit will continue to impair the ability of these units to train and meet their mobilization missions. Canvas and other unit equipment stored in conex containers will deteriorate rapidly, requiring replacement. Military vehicles located at a remote site are subject to increased vandalism.</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, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>AUG 2010</u></p> <p>(b) Percent Complete As Of January 2011..... <u>15.00</u></p> <p>(c) Date 35% Designed..... <u>MAR 2011</u></p>		

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
St Joseph, Minnesota

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67674
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... DEC 2011
- (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..... 588
- (b) All Other Design Costs..... 420
- (c) Total Design Cost..... 1,008
- (d) Contract..... 806
- (e) In-house..... 202

(4) Construction Contract Award..... MAR 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... OCT 2013

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	2013	601
Collateral Equipment	OMAR	2012	515
Info Sys - ISC	OPA	2013	14
Info Sys - PROP	OMAR	2013	56
		TOTAL	<u>1,186</u>

Point of Contact: LTC Huerta, (703) 602-5153

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 04 JAN 2011				
3. INSTALLATION AND LOCATION St Charles Missouri		4. AREA CONSTRUCTION COST INDEX .95					
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 ARNG St Peters, MO 5.00 miles Armory ARNG St Ann, MO 13.00 miles Armory USMCR Bridgetown, MO 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>				
171	Army Reserve Center	8,308 m2 (89,428 SF)	19,000 AUG 2010 DEC 2011				
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 2009</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>				
			0				
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 2010							
	<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	65	2	20	43	531	95	426
ACTUAL	78	4	33	41	656	93	563

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION St Charles Missouri		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 123%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
DET 5, HHC 807TH, MD CMD	3	3
RID CELL, REG 9	7	7
DET (TM FWD SPT - ADVANCE)	8	5
279 PLT (ASPHALT)	39	39
22 TM 8 (TRIAL DEF)	5	7
375 PLT 1 (BIDS)	31	32
375 PLT 2 (BIDS)	31	31
375 HQ DET (BIDS)	32	35
325 ELM EEH (44B) CO B	143	214
CO (FWD MD LOG)	73	89
1487 DET (SURG)(EYE)	18	10
1974 DET (INFECT DISEASE)	3	5
95 DET 1 (INSTIR DEPT)	38	29
455 TM (TERMINAL SUPV)	19	23
245 PLT 2 (ARM MAINT)	8	8
245 PLT 4 (WHLD VEH MAINT)	2	2
245 PLT (ELECT EQUIP MAINT)	18	5
245 TM (SPEC ELECT DEV MAINT)	3	0
245 TM (POWER GEN EQUIP MAINT)	3	3
245 DET (HQS)	26	86
856 DET (TRLR TRF PT)	<u>21</u>	<u>23</u>
Totals	531	656
ASGD/AUTH 124%		
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	172	110
TRAILERS	158	101
TRACKED	<u>2</u>	<u>2</u>
TOTALS	332	213
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 2012 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION St Charles Missouri				4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67581		8.PROJECT COST (\$000) Auth 19,000 Approp 19,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						15,398
Army Reserve Training Building		m2 (SF)	5,711 (61,478)		1,700	(9,707)
Vehicle Maintenance Shop		m2 (SF)	2,159 (23,242)		2,054	(4,435)
Unheated Storage Building		m2 (SF)	437.39 (4,708)		853.46	(373)
DEPMEDS		ha (AC)	.40 (1)		500,000	(200)
SDD and EPAct05		LS	--		--	(310)
Total from Continuation page						(373)
SUPPORTING FACILITIES						1,931
Electric Service		LS	--		--	(125)
Water, Sewer, Gas		LS	--		--	(575)
Paving, Walks, Curbs & Gutters		LS	--		--	(683)
Storm Drainage		LS	--		--	(45)
Site Imp(400) Demo()		LS	--		--	(400)
Information Systems		LS	--		--	(73)
Antiterrorism Measures		LS	--		--	(30)
ESTIMATED CONTRACT COST						17,329
CONTINGENCY (5.00%)						866
SUBTOTAL						18,195
SUPV, INSP & OVERHEAD (5.70%)						1,037
TOTAL REQUEST						19,232
TOTAL REQUEST (ROUNDED)						19,000
TOTAL RELATED FURNITURE & EQUIP						(2,921)
10.Description of Proposed Construction Construct a 600-member Army Reserve Center (ARC). Primary facilities include construction of an ARC training building, collocated Area Maintenance Support Activity (AMSA) / Organizational Maintenance Shop (OMS), unheated storage building, and a Deployable Medical System (DEPMEDS) site. Buildings will be of permanent construction with Heating, Ventilation, and Air Conditioning (HVAC) systems, plumbing, mechanical systems, security systems, and electrical systems. Supporting facilities include land clearing, paving, fencing, general site improvements to include a sewage handling system, 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 721 kW/205 Tons).						
11. REQ:		8,308 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Construct an ARC training building, AMSA/OMS, unheated storage building, and DEPMEDS site. (Current Mission)						

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
St Charles, Missouri

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67581
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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	--	--	(155)
Building Information Systems	LS	--	--	(218)
			Total	373

REQUIREMENT: This project will provide fifteen acres of existing government land at Weldon Springs, and a 600-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for twenty-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 as well as adequate space (1 acre) for training with DEPMEDS. This facility will be built on the existing Weldon Springs training area and will require a sewage treatment system due to the remote location.

CURRENT SITUATION: There are currently eight units at the St. Peters leased facility that will be relocated and the lease terminated. St. Peters ARC (MO071) is located on 4.85 acres and consists of a 62,000 square feet leased training building. AMSA 159 located at the Sverdrup USARC/AMSA (MO028), St Louis is over-utilized at 334% and has four units that will be relocated upon completion of this project. St. Louis USARC #2 (MO029) sits on 2.35 acres in a depressed area of St. Louis and does not have adequate POV parking making soldier safety a concern. There are currently nine units assigned to MO029 that will be relocated upon completion of this project and MO029 will be exceeded. AMSA 159 and USARC #2 will be disposed of upon project completion.

IMPACT IF NOT PROVIDED: If this project is not provided, the units will be forced to operate within a high crime area 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. Over-utilization of the Sverdrup OMS/AMSA will impact the efficiency of maintenance operations.

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, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will

1.COMONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION

St Charles, Missouri

4.PROJECT TITLE Army Reserve Center	5.PROJECT NUMBER CAR 12-67581
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ADDITIONAL: (CONTINUED)
be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... DEC 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract:

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,136
 - (b) All Other Design Costs..... 317
 - (c) Total Design Cost..... 1,453
 - (d) Contract..... 1,133
 - (e) In-house..... 320

 - (4) Construction Contract Award..... MAR 2012

 - (5) Construction Start..... APR 2012

 - (6) Construction Completion..... APR 2014

1.COMONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION
St Charles, Missouri

4.PROJECT TITLE Army Reserve Center	5.PROJECT NUMBER CAR 12-67581
--	----------------------------------

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	2014	1,507
Collateral Equipment	OMAR	2013	1,291
Info Sys - ISC	OPA	2013	25
Info Sys - PROP	OMAR	2013	98
		TOTAL	<u>2,921</u>

Point of Contact: LTC Huerta, (703) 602-5153

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 04 JAN 2011				
3. INSTALLATION AND LOCATION Schenectady New York		4. AREA CONSTRUCTION COST INDEX 1.06					
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							
ARNG	Schenectady, NY	3.00 miles	Armory				
USN	Scotia, NY	5.00 miles	Center				
ARNG	Latham, NY	11.00 miles	Armory				
ARNG	Watervliet, NY	13.00 miles	Armory				
USAR	Albany, NY	16.00 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>				
171	Army Reserve Center	6,455 m2 (69,479 SF)	20,000 (\$000) AUG 2010 DEC 2011				
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 2009 (Date)				
9. LAND ACQUISITION REQUIRED							
Fee Simple			3.00 (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					
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 20 MAY 2010							
	<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	43	2	23	18	450	135	315
ACTUAL	43	2	23	18	450	135	315

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Schenectady New York		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
1/389(-) (ENGR OSUT) 2 BDE	69	69
391ST BN (-) (CMTE)	26	26
RETENTION OFFICE NY060	2	2
CO PETRL (PL & TML OP) (-)	95	95
90TH CHAPLAIN DETACHMENT	2	2
DET LN (PETRL)	10	10
962 PLT AMMO (MDM LIFT)	47	47
DET 1 10-80 104 TNG	64	64
4 TM 7 (LEGAL SVC)	13	13
7 TM 1 (LSO HQ)	8	8
413 HHD BN (CSS) (UE)	79	79
865 DET 1, CO HOSP (164 BED)	35	35
Totals	450	450
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	80	50
TRAILERS	77	48
TRACKED	1	1
TOTALS	158	99
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 2012 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Schenectady New York				4.PROJECT TITLE Army Reserve Center		
5.PROGRAM ELEMENT 0505978A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67691		8.PROJECT COST (\$000) Auth 20,000 Approp 20,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						14,518
Army Reserve Training Building		m2 (SF)	5,693 (61,282)		2,107	(11,998)
Vehicle Maintenance Shop		m2 (SF)	493.41 (5,311)		3,124	(1,542)
Unheated Storage Building		m2 (SF)	268.12 (2,886)		1,206	(323)
SDD and EPAct05		LS	--		--	(280)
Antiterrorism Measures		LS	--		--	(140)
Building Information Systems		LS	--		--	(235)
SUPPORTING FACILITIES						3,551
Electric Service		LS	--		--	(350)
Water, Sewer, Gas		LS	--		--	(450)
Paving, Walks, Curbs & Gutters		LS	--		--	(345)
Storm Drainage		LS	--		--	(100)
Site Imp(1,150) Demo(435)		LS	--		--	(1,585)
Information Systems		LS	--		--	(95)
Antiterrorism Measures		LS	--		--	(25)
Temporary Trailers		LS	--		--	(601)
ESTIMATED CONTRACT COST						18,069
CONTINGENCY (5.00%)						903
SUBTOTAL						18,972
SUPV, INSP & OVERHEAD (5.70%)						1,081
TOTAL REQUEST						20,053
TOTAL REQUEST (ROUNDED)						20,000
TOTAL RELATED FURNITURE & EQUIP						(2,011)
10.Description of Proposed Construction Construct a 400-member Army Reserve Center (ARC). Primary facilities include construction of an ARC training building, Organizational Maintenance Shop (OMS), and unheated storage building. 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. Demolish 1 Building (TOTAL 5,048 m2/54,334 SF). Air Conditioning (Estimated 545 kW/155 Tons).						
11. REQ:		6,455 m2	ADQT:	NONE	SUBSTD:	5,048 m2
PROJECT: Construct an ARC training building, OMS, and unheated storage building. (Current Mission)						

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Schenectady, New York		
4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67691	
<p><u>REQUIREMENT:</u> To be located on the existing Schenectady, NY site this project will provide three additional acres of land and a 400-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, and physical fitness areas for twelve Army Reserve units. The maintenance shop will provide work bays and maintenance administrative support. The project will also provide for unit storage and adequate parking space for military and privately-owned vehicles. Temporary trailers will be required to house existing unit functions during the two year construction period. The Schenectady ARC (54,334 sf) will be demolished upon project completion.</p> <p><u>CURRENT SITUATION:</u> The SGT Horace D. Bradt United States Army Reserve Center (USARC) is located on 12.4 acres in Schenectady, NY and consists of a 45,517 square feet (sf) training building, 6,417 sf maintenance shop, 2,400 sf storage building, and no unheated storage capabilities. Constructed in 1957, this facility does not meet current physical security standards and is utilized at 123 percent. The Major James J. O'Donovan Armed Forces Reserve Center (AFRC) is located on 3.3 acres in Albany, NY (18 miles from the Schenectady site) and consists of a 63,907 sf training building and unused 3,500 sf maintenance shop. Constructed in 1956, this facility is not properly configured to meet current mission requirements, does not meet current physical security standards, site offers no expansion capabilities, and is only utilized at 26 percent. This facility was also occupied by the Navy and Marine Corps Reserve who have since vacated the site. The Albany AFRC (67,407 sf) will be properly disposed of upon project completion. The Schenectady facility, site of the new ARC (54,334 sf) will be demolished upon project completion.</p> <p><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.</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, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.</p>		

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Schenectady, New York

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67691
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... DEC 2011
 - (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..... 1,100
 - (b) All Other Design Costs..... 479
 - (c) Total Design Cost..... 1,579
 - (d) Contract..... 1,263
 - (e) In-house..... 316

 - (4) Construction Contract Award..... MAR 2012

 - (5) Construction Start..... APR 2012

 - (6) Construction Completion..... APR 2014

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Schenectady, New York

4. PROJECT TITLE Army Reserve Center	5. PROJECT NUMBER CAR 12-67691
---	-----------------------------------

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	2014	951
Collateral Equipment	OMAR	2013	815
Info Sys - ISC	OPA	2013	43
Info Sys - PROP	OMAR	2013	202
		TOTAL	<u>2,011</u>

Point of Contact: LTC Burton, (703) 602-8631

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011																																
3. INSTALLATION AND LOCATION Greensboro North Carolina		4. AREA CONSTRUCTION COST INDEX .84																																
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 ARNG Greensboro, NC 3.00 miles Armory USMCR Greensboro, NC 11.00 miles Center ARNG High Point, NC 12.00 miles Armory USAR High Point, NC 15.00 miles Center																																		
7. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY <table style="width:100%; border:none;"> <tr> <td style="width:10%;"><u>CODE</u></td> <td style="width:40%;"><u>PROJECT TITLE</u></td> <td style="width:15%;"><u>SCOPE</u></td> <td style="width:10%;"><u>COST</u> (\$000)</td> <td style="width:15%;"><u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u></td> </tr> <tr> <td>171</td> <td>Army Reserve Center/Land</td> <td>7,950 m2 (85,577 SF)</td> <td>19,000</td> <td>AUG 2010 DEC 2011</td> </tr> </table>			<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> (\$000)	<u>DESIGN STATUS</u> <u>START</u> <u>CMPL</u>	171	Army Reserve Center/Land	7,950 m2 (85,577 SF)	19,000	AUG 2010 DEC 2011																						
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9. LAND ACQUISITION REQUIRED Fee Simple <u>15.00</u> (Number of acres)																																		
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			0																															
11. PERSONNEL STRENGTH AS OF 30 JUN 2010 <table style="width:100%; border:none; margin-top:10px;"> <tr> <td></td> <td colspan="4" style="text-align:center;"><u>PERMANENT</u></td> <td colspan="3" style="text-align:center;"><u>GUARD/RESERVE</u></td> </tr> <tr> <td></td> <td style="text-align:center;"><u>TOTAL</u></td> <td style="text-align:center;"><u>OFFICER</u></td> <td style="text-align:center;"><u>ENLISTED</u></td> <td style="text-align:center;"><u>CIVILIAN</u></td> <td style="text-align:center;"><u>TOTAL</u></td> <td style="text-align:center;"><u>OFFICER</u></td> <td style="text-align:center;"><u>ENLISTED</u></td> </tr> <tr> <td>AUTHORIZED</td> <td style="text-align:center;">42</td> <td style="text-align:center;">5</td> <td style="text-align:center;">31</td> <td style="text-align:center;">6</td> <td style="text-align:center;">581</td> <td style="text-align:center;">159</td> <td style="text-align:center;">422</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align:center;">42</td> <td style="text-align:center;">5</td> <td style="text-align:center;">31</td> <td style="text-align:center;">6</td> <td style="text-align:center;">581</td> <td style="text-align:center;">159</td> <td style="text-align:center;">422</td> </tr> </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	42	5	31	6	581	159	422	ACTUAL	42	5	31	6	581	159	422
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>																													
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1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011																																									
3. INSTALLATION AND LOCATION Greensboro North Carolina																																											
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>320 Medical Co Hospital (164 B) CSH</td> <td style="text-align: right;">254</td> <td style="text-align: right;">254</td> </tr> <tr> <td>Co A, 422d Bn (Func Spec)</td> <td style="text-align: right;">32</td> <td style="text-align: right;">32</td> </tr> <tr> <td>Co B, 422d BN (TAC)</td> <td style="text-align: right;">32</td> <td style="text-align: right;">32</td> </tr> <tr> <td>Co C, 422d Bn (TAC)</td> <td style="text-align: right;">32</td> <td style="text-align: right;">32</td> </tr> <tr> <td>Co D, 422d Bn (TAC)</td> <td style="text-align: right;">32</td> <td style="text-align: right;">32</td> </tr> <tr> <td>HHC, 422d Bn (TAC)</td> <td style="text-align: right;">75</td> <td style="text-align: right;">75</td> </tr> <tr> <td>518 Det 1 (Co D, E) Bn</td> <td style="text-align: right;">36</td> <td style="text-align: right;">36</td> </tr> <tr> <td>12 Team 3 (Legal Svc)</td> <td style="text-align: right;">13</td> <td style="text-align: right;">13</td> </tr> <tr> <td>81st RSC Retention Cell</td> <td style="text-align: right;">2</td> <td style="text-align: right;">2</td> </tr> <tr> <td>396 Medical Co (Ambulance)</td> <td style="text-align: right;">73</td> <td style="text-align: right;">73</td> </tr> <tr> <td></td> <td style="text-align: right; border-top: 1px solid black;">0</td> <td style="text-align: right; border-top: 1px solid black;">0</td> </tr> <tr> <td>Totals</td> <td style="text-align: right;">581</td> <td style="text-align: right;">581</td> </tr> </tbody> </table>			<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>	320 Medical Co Hospital (164 B) CSH	254	254	Co A, 422d Bn (Func Spec)	32	32	Co B, 422d BN (TAC)	32	32	Co C, 422d Bn (TAC)	32	32	Co D, 422d Bn (TAC)	32	32	HHC, 422d Bn (TAC)	75	75	518 Det 1 (Co D, E) Bn	36	36	12 Team 3 (Legal Svc)	13	13	81st RSC Retention Cell	2	2	396 Medical Co (Ambulance)	73	73		0	0	Totals	581	581
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>																																										
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1.COMPONENT AR		FY 2012 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Greensboro North Carolina				4.PROJECT TITLE Army Reserve Center/Land		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67466		8.PROJECT COST (\$000) Auth 19,000 Approp 19,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,575
Land Purchase		ha (AC)	6.07 (15)		160,626	(975)
Army Reserve Training Building		m2 (SF)	7,225 (77,770)		1,605	(11,596)
Vehicle Maintenance Shop		m2 (SF)	358.42 (3,858)		2,512	(900)
Unheated Storage Building		m2 (SF)	366.87 (3,949)		895.78	(329)
DEPMEDS		LS	--		--	(200)
Total from Continuation page						(575)
<u>SUPPORTING FACILITIES</u>						1,904
Electric Service		LS	--		--	(250)
Water, Sewer, Gas		LS	--		--	(375)
Paving, Walks, Curbs & Gutters		LS	--		--	(460)
Storm Drainage		LS	--		--	(75)
Site Imp(600) Demo()		LS	--		--	(600)
Information Systems		LS	--		--	(114)
Antiterrorism Measures		LS	--		--	(30)
ESTIMATED CONTRACT COST						16,479
CONTINGENCY (5.00%)						824
SUBTOTAL						17,303
SUPV, INSP & OVERHEAD (5.70%)						986
DESIGN/BUILD - DESIGN COST						692
TOTAL REQUEST						18,981
TOTAL REQUEST (ROUNDED)						19,000
TOTAL RELATED FURNITURE & EQUIP						(2,160)
10.Description of Proposed Construction Construct a 600-member Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, Organizational Maintenance Shop (OMS), unheated storage building, and a Deployable Medical Systems (DEPMEDS) site. 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) 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 496 kW/141 Tons).						
11. REQ:		7,950 m2	ADQT:	NONE	SUBSTD:	NONE
PROJECT: Land acquisition and construction of an ARC training building, OMS,						

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Greensboro, North Carolina

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 12-67466
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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	--	--	(260)
Antiterrorism Measures	LS	--	--	(130)
Building Information Systems	LS	--	--	(185)
			Total	575

PROJECT: (CONTINUED)

unheated storage building, and DEPMEDS site. (Current Mission)

REQUIREMENT: This project will provide fifteen acres of land in the vicinity of Greensboro, and a 600-member training facility with administrative, educational, assembly, library, learning center, vault, weapons simulator, 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 adequate parking space for all military and privately-owned vehicles. The DEPMEDS training site is required for mission essential equipment training.

CURRENT SITUATION: The E. Earle Rives USARC is located in Greensboro, NC on 4.41 acres of land and consists of an 18,817 square feet training building and 3,947 square feet maintenance shop. Constructed in 1956, this facility is occupied by seven Army Reserve units and is over utilized at 162 percent. The Triad AFRC is located in Greensboro, NC and consists of a 14,699 square feet training building, 2,043 square feet maintenance shop, and 1,522 square feet unheated storage building. This facility is occupied by three Army Reserve units and is over utilized at 315 percent. The Thomas Smothers USARC is located in Winston-Salem, NC on 4.83 acres of leased land and consists of a 34,120 square feet training building and 3,947 square feet maintenance shop. Constructed in 1951, this facility is occupied by three Army Reserve units and is over utilized by 106 percent. These three facilities are dated, located on small parcels of land, do not meet AT/FP requirements, and do not have DEPMEDS sites for the Medical units. Upon project completion, the E. Earle Rives USARC and Thomas Smothers USARC will be properly disposed of, license with Navy will be terminated at undersized Triad AFRC, lease with the City of Winston-Salem will be terminated, and all Soldiers will be relocated to the new facility.

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

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Greensboro, North Carolina

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 12-67466
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ADDITIONAL: (CONTINUED)
 cost-effective method to satisfy the requirement. The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... DEC 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build
- (2) Basis:
 - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 1,100
 - (b) All Other Design Costs..... 324
 - (c) Total Design Cost..... 1,424
 - (d) Contract..... 1,139
 - (e) In-house..... 285
- (4) Construction Contract Award..... MAR 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2014

1.COMONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION

Greensboro, North Carolina

4.PROJECT TITLE Army Reserve Center/Land	5.PROJECT NUMBER CAR 12-67466
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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	2014	1,091
Collateral Equipment	OMAR	2013	858
Info Sys - ISC	OPA	2013	146
Info Sys - PROP	OMAR	2013	65
TOTAL			2,160

Point of Contact: Tamitha Downey, (703) 602-8633

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 04 JAN 2011				
3. INSTALLATION AND LOCATION Orangeburg South Carolina		4. AREA CONSTRUCTION COST INDEX .87					
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 ARNG Orangeburg, SC 4.00 miles Armory ARNG St Mathews, SC 14.00 miles Armory USAF North, SC 16.00 miles Base							
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/Land	4,308 m2 (46,376 SF)	12,000 AUG 2010 DEC 2011				
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 UNLATERAL CONSTRUCTION.							
			19 OCT 2009 (Date)				
9. LAND ACQUISITION REQUIRED Fee Simple							
			15.00 (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					
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 2010							
	<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	14	0	12	2	289	12	277
ACTUAL	14	0	12	2	289	12	277

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Orangeburg South Carolina		
12. RESERVE UNIT DATA AUTHORIZED		
Assigned/Authorized: 100%		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
81st RSC Retention Cell	1	1
414 Chemical Co, (Recon) (Heavy)	119	119
414 Truck Co (Lt-Medium)	<u>169</u>	<u>169</u>
Totals	289	289
13. MAJOR EQUIPMENT AND AIRCRAFT		
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
WHEELED	125	76
TRAILERS	<u>105</u>	<u>66</u>
TOTALS	230	142
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 2012 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Orangeburg South Carolina				4.PROJECT TITLE Army Reserve Center/Land		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-67672		8.PROJECT COST (\$000) Auth 12,000 Approp 12,000	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,791
Land Purchase		ha (AC)	6.07 (15)		74,135	(450)
Army Reserve Training Building		m2 (SF)	3,530 (37,992)		1,787	(6,308)
Vehicle Maintenance Shop		m2 (SF)	595.42 (6,409)		2,503	(1,490)
Unheated Storage Building		m2 (SF)	183.48 (1,975)		1,009	(185)
SDD and EPAct05		LS	--		--	(162)
Total from Continuation page						(196)
<u>SUPPORTING FACILITIES</u>						1,592
Electric Service		LS	--		--	(200)
Water, Sewer, Gas		LS	--		--	(275)
Paving, Walks, Curbs & Gutters		LS	--		--	(349)
Storm Drainage		LS	--		--	(70)
Site Imp(650) Demo()		LS	--		--	(650)
Information Systems		LS	--		--	(30)
Antiterrorism Measures		LS	--		--	(18)
ESTIMATED CONTRACT COST						10,383
CONTINGENCY (5.00%)						519
SUBTOTAL						10,902
SUPV, INSP & OVERHEAD (5.70%)						621
DESIGN/BUILD - DESIGN COST						436
TOTAL REQUEST						11,959
TOTAL REQUEST (ROUNDED)						12,000
TOTAL RELATED FURNITURE & EQUIP						(1,161)
10.Description of Proposed Construction Construct a 300-member Army Reserve Center (ARC). Primary facilities include land acquisition and construction of an ARC training building, Organizational Maintenance Shop (OMS), and unheated storage building. 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) 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 1 Building (TOTAL 1,495 m2/16,091 SF). Air Conditioning (Estimated 302 kW/86 Tons).						
11. REQ:		4,308 m2	ADQT:		NONE	SUBSTD: NONE
PROJECT: Land acquisition and construction of an ARC training building, OMS,						

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Orangeburg, South Carolina

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 12-67672
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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	--	--	(81)
Building Information Systems	LS	--	--	(115)
			Total	196

PROJECT: (CONTINUED)

and unheated storage building. (Current Mission)

REQUIREMENT: This project will provide fifteen acres of land in the vicinity of Orangeburg, and a 300-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 for unit storage and adequate parking space for all military and privately-owned vehicles (POV).

CURRENT SITUATION: The Orangeburg Memorial United States Army Reserve Center (USARC) is located on 2.6 acres in Orangeburg, SC and consists of an 11,542 square feet (sf) training building, 3,024 sf maintenance shop, and 1,525 sf unheated storage building. Constructed in 1960 this facility is occupied by eight Army Reserve units and utilized at 256 percent. The training building is deficient in administrative, storage, and educational areas. The maintenance facility is deficient in administrative, latrines, tool and parts storage, and flammable storage areas. Insufficient military and POV parking areas force Soldiers to park along the access road in a residential area. This facility will be properly disposed upon completion of this project (16,091 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, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Orangeburg, South Carolina

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 12-67672
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ADDITIONAL: (CONTINUED)
laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... DEC 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-build

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 672
 - (b) All Other Design Costs..... 316
 - (c) Total Design Cost..... 988
 - (d) Contract..... 790
 - (e) In-house..... 198

 - (4) Construction Contract Award..... JAN 2012

 - (5) Construction Start..... FEB 2012

 - (6) Construction Completion..... AUG 2013

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Orangeburg, South Carolina

4. PROJECT TITLE Army Reserve Center/Land	5. PROJECT NUMBER CAR 12-67672
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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	2013	581
Collateral Equipment	OMAR	2012	499
Info Sys - ISC	OPA	2013	11
Info Sys - PROP	OMAR	2013	70
		TOTAL	1,161

Point of Contact: Tamitha Downey, (703) 602-8633

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE 04 JAN 2011				
3. INSTALLATION AND LOCATION Fort McCoy Wisconsin		4. AREA CONSTRUCTION COST INDEX 1.08					
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 ARNG Sparta, WI 3.00 miles Armory ARNG Tomah, WI 14.00 miles Armory ARNG Black River Falls, 21.00 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>				
141	Container Loading Facility	3,716 m2 (40,000 SF)	5,300 AUG 2010 DEC 2011				
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				
<u>CODE</u>	<u>PROJECT TITLE</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 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 AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011									
3. INSTALLATION AND LOCATION Fort McCoy Wisconsin											
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.COMONENT AR		FY 2012 MILITARY CONSTRUCTION PROJECT DATA			2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Fort McCoy Wisconsin				4.PROJECT TITLE Container Loading Facility		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 141	7.PROJECT NUMBER CAR 12-67684		8.PROJECT COST (\$000) Auth 5,300 Approp 5,300	
9.COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,194
Container Loading Facility		m2 (SF)	3,716 (40,000)		1,103	(4,100)
SDD and EPAct05		LS	--		--	(84)
Building Information Systems		LS	--		--	(10)
<u>SUPPORTING FACILITIES</u>						547
Electric Service		LS	--		--	(91)
Water, Sewer, Gas		LS	--		--	(13)
Paving, Walks, Curbs & Gutters		LS	--		--	(201)
Storm Drainage		LS	--		--	(10)
Site Imp(28) Demo(109)		LS	--		--	(137)
Information Systems		LS	--		--	(95)
ESTIMATED CONTRACT COST						4,741
CONTINGENCY (5.00%)						237
SUBTOTAL						4,978
SUPV, INSP & OVERHEAD (5.70%)						284
TOTAL REQUEST						5,262
TOTAL REQUEST (ROUNDED)						5,300
TOTAL RELATED FURNITURE & EQUIP						(0)
10.Description of Proposed Construction Construct a Container Loading Facility. The construction of the facility will include a large open area for staging of materials during loading and unloading shipping containers. The facility will also include four offices, a locker room, a secure tool crib, an area for storing lumber on racks and overhead doors on each side. The overhead door sites will have adjustable docks. The facility will also have an office equipment room, male and female restrooms, a janitial closet, eye wash locations as required, an information technology closet, and a mechanical room. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Demolish 3 Buildings at Fort McCoy, WI (TOTAL 1,907 m2/20,523 SF). Air Conditioning (Estimated 106 kW/30 Tons).						
11. REQ: 3,716 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: Construct a Container Loading Facility. (Current Mission)						
REQUIREMENT: The Container Loading Facility supports the deployment and redeployment of Soldiers in the on going Global War on Terror (GWOT). In this facility, unit's equipment is packed in shipping containers for transportation to their final destination. During demobilization, containers come into the Container Loading Facility where they are unpacked, inspected and the contents palletized for shipment to home station.						

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Fort McCoy, Wisconsin

4. PROJECT TITLE Container Loading Facility	5. PROJECT NUMBER CAR 12-67684
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CURRENT SITUATION: Currently, Fort McCoy's transportation department utilizes three facilities that were constructed for use as transient training unit maintenance facilities. Portable loading ramps are used to load trucks. Limited working and storage space requires frequent movement between buildings for personnel and material handling equipment, affecting efficiency and productivity.

IMPACT IF NOT PROVIDED: Fort McCoy will continue to fulfill its logistical support mission utilizing three separate buildings that are not designed specifically for container loading operations. The new building would increase productivity and efficiency in that all operations, personnel and material handling equipment would be centralized.

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, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... DEC 2011
 - (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..... 318
 - (b) All Other Design Costs..... 45
 - (c) Total Design Cost..... 363
 - (d) Contract..... 283
 - (e) In-house..... 80

- (4) Construction Contract Award..... MAR 2012

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Fort McCoy, Wisconsin

4. PROJECT TITLE Container Loading Facility	5. PROJECT NUMBER CAR 12-67684
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... APR 2012

(6) Construction Completion..... OCT 2013

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

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

Point of Contact: LTC Casiano, (703) 602-0649

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011									
3. INSTALLATION AND LOCATION Fort McCoy Wisconsin											
12. RESERVE UNIT DATA AUTHORIZED Assigned/Authorized: 0%											
<table border="0"> <thead> <tr> <th data-bbox="261 369 1133 401"><u>UNIT DESIGNATION</u></th> <th colspan="2" data-bbox="1133 338 1349 369" style="text-align: center;"><u>STRENGTH</u></th> </tr> <tr> <td></td> <th data-bbox="1133 369 1263 401" style="text-align: center;"><u>AUTHORIZED</u></th> <th data-bbox="1263 369 1349 401" style="text-align: center;"><u>ACTUAL</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="261 401 1133 432">Totals</td> <td data-bbox="1133 401 1263 432" style="text-align: center;">0</td> <td data-bbox="1263 401 1349 432" 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%;"> <tr> <td></td> <td style="text-align: right;">(\$000)</td> </tr> <tr> <td>A. AIR POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>B. WATER POLLUTION</td> <td style="text-align: right;">0</td> </tr> <tr> <td>C. OCCUPATIONAL SAFETY AND HEALTH</td> <td style="text-align: right;">0</td> </tr> </table>				(\$000)	A. AIR POLLUTION	0	B. WATER POLLUTION	0	C. OCCUPATIONAL SAFETY AND HEALTH	0	
	(\$000)										
A. AIR POLLUTION	0										
B. WATER POLLUTION	0										
C. OCCUPATIONAL SAFETY AND HEALTH	0										

1.COMONENT AR		FY 2012 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Fort McCoy Wisconsin			4.PROJECT TITLE Modified Record Fire Known Distance Range		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 178	7.PROJECT NUMBER CAR 12-67720	8.PROJECT COST (\$000) Auth 5,400 Approp 5,400	
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					4,724
Known Distance (KD) Range		FP	32 --	89,999	(2,880)
Range Operations and Control Ar		EA	1 --	83,372	(83)
Range Control Tower		EA	1 --	291,208	(291)
Operations/Storage Building		m2 (SF)	74.32 (800)	2,592	(193)
Classroom Building (2)		m2 (SF)	148.64 (1,600)	3,176	(472)
Total from Continuation page					(805)
<u>SUPPORTING FACILITIES</u>					126
Electric Service		LS	--	--	(31)
Water, Sewer, Gas		LS	--	--	(30)
Site Imp() Demo(5)		LS	--	--	(5)
Information Systems		LS	--	--	(60)
ESTIMATED CONTRACT COST					4,850
CONTINGENCY (5.00%)					243
SUBTOTAL					5,093
SUPV, INSP & OVERHEAD (5.70%)					290
TOTAL REQUEST					5,383
TOTAL REQUEST (ROUNDED)					5,400
TOTAL RELATED FURNITURE & EQUIP					(556)
10.Description of Proposed Construction Construct a standard design Known Distance (KD) Range. Primary facilities include the KD range, operations and control area, operations/storage building, classroom building (2), latrine, bleacher enclosure, covered mess, ammunition breakdown building, range control tower, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service, water, sewer, and information systems. Air Conditioning (Estimated 8 Tons). Demolish 2 Buildings at Fort McCoy, WI (TOTAL 93 m2/1,000 SF).					
11. REQ: 32 FP ADQT: NONE SUBSTD: NONE PROJECT: Construct a Known Distance Range on Fort McCoy (Current Mission). REQUIREMENT: This Known Distance Range is designed for training advance rifle marksmanship and target engagement techniques with immediate downrange feedback and competition. This range is used to train and familiarize Soldiers on the skills necessary to identify, calculate distance, engage, and hit targets in a static array with small arms weapons systems out to 1,000 meters. It is also used for squad-designated marksmanship (SDM) training and certification. The range firing points are graduated in 100-meter increments from 100 to 1,000 meters. This range supports the following ammunition and					

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Fort McCoy, Wisconsin

4. PROJECT TITLE

Modified Record Fire Known Distance Range

5. PROJECT NUMBER

CAR 12-67720

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine, Wet	m2 (SF)	51.10 (550)	6,734	(344)
Bleacher Enclosure	EA	1 --	127,148	(127)
Covered Mess	m2 (SF)	74.32 (800)	1,670	(124)
Ammunition Breakdown Building	m2 (SF)	17.19 (185)	8,239	(142)
SDD and EPAct05	LS	--	--	(19)
Building Information Systems	LS	--	--	(49)
			Total	805

REQUIREMENT: (CONTINUED)

weapons: 5.56mm, 7.62mm, and .50 cal

CURRENT SITUATION: Ft McCoy does not currently have a standard Known Distance Range that will support this requirement. There is not another facility of this type anywhere in the area.

IMPACT IF NOT PROVIDED: If this project is not provided, the soldiers of the units that rely on Fort McCoy for training ranges will not be able to train to the standard driven by doctrine and commanders guidance. It is imperative to the Warfighting skills of our soldiers that these ranges be provided. If this project is not provided, the soldiers will have to be subjected to facilities that are antiquated and substandard causing them to have to train in an environment that will not allow them to hone their Warfighting skills. This project is required to allow commanders to train their soldiers to the highest standards which are a necessity for them to be successful on the Battlefields of today and the future.

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, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
------------------------	--	----------------------------

3. INSTALLATION AND LOCATION

Fort McCoy, Wisconsin

4. PROJECT TITLE Modified Record Fire Known Distance Range	5. PROJECT NUMBER CAR 12-67720
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... JAN 2011
 - (d) Date Design Complete..... DEC 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 274
 - (b) All Other Design Costs..... 196
 - (c) Total Design Cost..... 470
 - (d) Contract..... 300
 - (e) In-house..... 170

- (4) Construction Contract Award..... MAR 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2013

1.COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION

Fort McCoy, Wisconsin

4.PROJECT TITLE

Modified Record Fire Known Distance Range

5.PROJECT NUMBER

CAR 12-67720

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>
Targetry and Instrumentation		2012	551
Info Sys - ISC	OPA	2013	5
		TOTAL	<u>556</u>

Point of Contact: LTC Casiano, (703) 602-0649

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011
3. INSTALLATION AND LOCATION Fort McCoy Wisconsin		
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 2012 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Fort McCoy Wisconsin			4.PROJECT TITLE Automated Record Fire Range		
5.PROGRAM ELEMENT 0532292A		6.CATEGORY CODE 178	7.PROJECT NUMBER CAR 12-72264	8.PROJECT COST (\$000) Auth 4,600 Approp 4,600	
9.COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,980
Automated Record Fire (ARF) Ran		FP	16 --	134,284	(2,149)
Range Operations and Control Ar		EA	1 --	115,090	(115)
Range Control Tower		EA	1 --	291,208	(291)
Operations/Storage Building		m2 (SF)	74.32 (800)	2,548	(189)
Classroom Building (2)		m2 (SF)	148.64 (1,600)	3,101	(461)
Total from Continuation page					(775)
<u>SUPPORTING FACILITIES</u>					140
Electric Service		LS	--	--	(31)
Water, Sewer, Gas		LS	--	--	(30)
Site Imp() Demo(12)		LS	--	--	(12)
Information Systems		LS	--	--	(67)
ESTIMATED CONTRACT COST					4,120
CONTINGENCY (5.00%)					206
SUBTOTAL					4,326
SUPV, INSP & OVERHEAD (5.70%)					247
TOTAL REQUEST					4,573
TOTAL REQUEST (ROUNDED)					4,600
TOTAL RELATED FURNITURE & EQUIP					(552)
10.Description of Proposed Construction Construct a standard design Automated Record Firing (ARF) Range. Primary facilities include the ARF range, range operations and control area, range control tower, operations/storage building, classroom building (2), latrine, bleacher enclosure, covered mess, ammunition breakdown building, and building information systems. Sustainable Design and Development (SDD) and Energy Policy Act of 2005 (EPAct05) features will be provided. Supporting facilities include electric service, water, sewer, and information systems. Air Conditioning (Estimated 8 Tons). Demolish 7 Buildings at Fort McCoy, WI (TOTAL 238 m2/2,564 SF).					
11. REQ: 16 FP ADQT: NONE SUBSTD: NONE					
PROJECT: Construct an Automated Record Firing Range. (Current Mission)					
REQUIREMENT: The Automated Record Fire Range (ARF) is required to provide the 122,000 soldiers of the 350 active and reserve units that train at Fort McCoy with the most current and state of the art facilities. This facility must allow the soldiers to employ all weapons systems and provide the commanders with the ability to utilize flexibility in the training. This range must provide a method to challenge, train, and test the soldiers to a high level of proficiency. This facility must provide commanders with the tools to evaluate their soldiers to a qualification standard.					

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Fort McCoy, Wisconsin

4. PROJECT TITLE

Automated Record Fire Range

5. PROJECT NUMBER

CAR 12-72264

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Latrine, Wet	m2 (SF)	51.10 (550)	6,691	(342)
Bleacher Enclosure	EA	1 --	127,148	(127)
Covered Mess	m2 (SF)	74.32 (800)	1,594	(118)
Ammunition Breakdown Building	m2 (SF)	17.19 (185)	8,133	(140)
SDD and EPAct05	LS	--	--	(20)
Building Information Systems	LS	--	--	(28)
			Total	775

CURRENT SITUATION: The existing qualification range is substandard and cannot accommodate the numbers of soldiers requiring training on these weapons. The existing range is outdated requiring soldiers within the same unit to grade marksmanship scores which leads to bias in scoring and provides commanders inaccurate information regarding unit readiness. The existing range will not accommodate the modern Army target systems. Current up to date ranges at Ft McCoy do not have excess capacity to support this requirement. Target wiring is deteriorated and requires extensive repairs and piece-meal replacement. The existing range does not adequately simulate realistic battlefield conditions as a range equipped with the automated target system would provide. The existing range does not have the ability to simulate hostile gunfire or muzzle flashes.

IMPACT IF NOT PROVIDED: If this project is not provided, the soldiers of the units that rely on Fort McCoy for training ranges will not be able to train to the standard driven by doctrine and commanders guidance. It is imperative to the Warfighting skills of our soldiers that these ranges be provided. If this project is not provided, the soldiers will have to be subjected to facilities that are antiquated and substandard causing them to have to train in an environment that will not allow them to hone their Warfighting skills. This project is required to allow commanders to train their soldiers to the highest standards which are a necessity for them to be successful on the Battlefields of today and the future.

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, Housing and Partnerships) 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, to include Life Cycle cost-effective practices, will

1.COMONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION

Fort McCoy, Wisconsin

4.PROJECT TITLE Automated Record Fire Range	5.PROJECT NUMBER CAR 12-72264
--	--------------------------------------

ADDITIONAL: (CONTINUED)
be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... AUG 2010
 - (b) Percent Complete As Of January 2011..... 15.00
 - (c) Date 35% Designed..... MAR 2011
 - (d) Date Design Complete..... DEC 2011
 - (e) Parametric Cost Estimating Used to Develop Costs YES
 - (f) Type of Design Contract: Design-bid-build

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 244
 - (b) All Other Design Costs..... 102
 - (c) Total Design Cost..... 346
 - (d) Contract..... 235
 - (e) In-house..... 111

- (4) Construction Contract Award..... MAR 2012
- (5) Construction Start..... APR 2012
- (6) Construction Completion..... APR 2013

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Fort McCoy, Wisconsin

4. PROJECT TITLE Automated Record Fire Range	5. PROJECT NUMBER CAR 12-72264
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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>
Instrumentation and Targetry	OPA	2012	551
Info Sys - ISC	OPA	2013	1
		TOTAL	<hr/> 552

Point of Contact: LTC Casiano, (703) 602-0649

1. COMPONENT AR	FY 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011																															
3. INSTALLATION AND LOCATION Fort McCoy Wisconsin		4. AREA CONSTRUCTION COST INDEX 1.08																															
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 ARNG Sparta, WI 3.00 miles Armory ARNG Tomah, WI 14.00 miles Armory ARNG Black River Falls, 21.00 miles Armory																																	
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>C MPL</u></th> </tr> </thead> <tbody> <tr> <td>171</td> <td>NCOA Billeting</td> <td>6,191 m2 (66,636 SF)</td> <td style="text-align:right;">12,000</td> <td style="text-align:right;">AUG 2010 DEC 2011</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>C MPL</u>	171	NCOA Billeting	6,191 m2 (66,636 SF)	12,000	AUG 2010 DEC 2011																					
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171	NCOA Billeting	6,191 m2 (66,636 SF)	12,000	AUG 2010 DEC 2011																													
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 <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> </tr> </thead> <tbody> <tr> <td colspan="3">NONE</td> <td></td> </tr> <tr> <td colspan="2">DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):</td> <td style="text-align:right;">0</td> <td></td> </tr> </tbody> </table>			<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	NONE				DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0																				
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>																														
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DEFERRED SUSTAINMENT, RESTORATION, AND MODERNIZATION (SRM):		0																															
11. PERSONNEL STRENGTH AS OF N/A <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;">0</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align:center;">0</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	0	0	0	0	0	0	0	ACTUAL	0	0	0	0	0	0	0
	<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 2012 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE 04 JAN 2011						
3. INSTALLATION AND LOCATION Fort McCoy Wisconsin								
12. RESERVE UNIT DATA AUTHORIZED								
Assigned/Authorized: 0%		<table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;"><u>STRENGTH</u></td> </tr> <tr> <td style="text-align: center;"><u>UNIT DESIGNATION</u></td> <td style="text-align: center;"><u>AUTHORIZED</u> <u>ACTUAL</u></td> </tr> <tr> <td>Totals</td> <td style="text-align: center;">0 0</td> </tr> </table>	<u>STRENGTH</u>		<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u> <u>ACTUAL</u>	Totals	0 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 2012 MILITARY CONSTRUCTION PROJECT DATA		2.DATE 04 JAN 2011	
3.INSTALLATION AND LOCATION Fort McCoy Wisconsin			4.PROJECT TITLE NCOA Phase III - Billeting		
5.PROGRAM ELEMENT 0532292A	6.CATEGORY CODE 171	7.PROJECT NUMBER CAR 12-74310	8.PROJECT COST (\$000) Auth 12,000 Approp 12,000		
9.COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				10,414	
Transient UPH, Advanced Skills	m2 (SF)	6,191 (66,636)	1,624	(10,053)	
SDD and EPAct05	LS	--	--	(257)	
Building Information Systems	LS	--	--	(104)	
<u>SUPPORTING FACILITIES</u>				354	
Electric Service	LS	--	--	(7)	
Water, Sewer, Gas	LS	--	--	(26)	
Paving, Walks, Curbs & Gutters	LS	--	--	(277)	
Site Imp(36) Demo()	LS	--	--	(36)	
Information Systems	LS	--	--	(8)	
ESTIMATED CONTRACT COST				10,768	
CONTINGENCY (5.00%)				538	
SUBTOTAL				11,306	
SUPV, INSP & OVERHEAD (5.70%)				644	
TOTAL REQUEST				11,950	
TOTAL REQUEST (ROUNDED)				12,000	
TOTAL RELATED FURNITURE & EQUIP				(2)	
10.Description of Proposed Construction Construct Billeting for the Non-Commissioned Officer (NCO) Academy. Billeting construction will include a building that is primarily for housing students to support the various course taught at the NCO Academy. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, 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 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 528 kW/150 Tons).					
11. REQ:	6,191 m2	ADQT:	NONE	SUBSTD:	6,225 m2
PROJECT: Construct Billeting for the NCO Academy. (Current Mission)					
REQUIREMENT: This project will provide required facilities to billet students at the Fort McCoy NCO Academy. The project will also provide adequate parking space for all privately-owned vehicles.					

1. COMPONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION

Fort McCoy, Wisconsin

4. PROJECT TITLE NCOA Phase III - Billeting	5. PROJECT NUMBER CAR 12-74310
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CURRENT SITUATION: Current Fort McCoy NCO Academy functions utilize 60 year old, World War II wood buildings. These facilities do not meet Army standards for student billeting.

IMPACT IF NOT PROVIDED: The existing substandard and over-crowded facilities will continue to have a negative impact on the morale of the Soldiers.

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, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development, and construction of the project in accordance with Executive Order 13423, 10 USC 2802(c), and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... AUG 2010
- (b) Percent Complete As Of January 2011..... 15.00
- (c) Date 35% Designed..... MAR 2011
- (d) Date Design Complete..... DEC 2011
- (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..... 694
- (b) All Other Design Costs..... 173
- (c) Total Design Cost..... 867
- (d) Contract..... 607
- (e) In-house..... 260

(4) Construction Contract Award..... MAR 2012

(5) Construction Start..... APR 2012

(6) Construction Completion..... APR 2014

1.COMONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION
Fort McCoy, Wisconsin

4.PROJECT TITLE NCOA Phase III - Billeting	5.PROJECT NUMBER CAR 12-74310
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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>
Info Sys - ISC	OPA	2013	2
		TOTAL	<u>2</u>

Point of Contact: LTC Casiano, (703) 602-0649

1. COMPONENT AR		FY 2012 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 JAN 2011	
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 12-67730		8. PROJECT COST (\$000) Auth 28,924 Approp 28,924	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						28,924
Planning and Design		LS	--		--	(28,924)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						28,924
CONTINGENCY (.00 %)						0
SUBTOTAL						28,924
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						28,924
TOTAL REQUEST (ROUNDED)						28,924
TOTAL RELATED FURNITURE & EQUIP						(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 12 program; for advancement to final design of projects in FY 13; for initiation of design of projects in FY 14; and for initiation of preconcept design activities for projects in FY 15. 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.						

1.COMONENT AR	FY 2012 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 04 JAN 2011
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3.INSTALLATION AND LOCATION

Planning and Design, Worldwide Various

4.PROJECT TITLE Planning and Design	5.PROJECT NUMBER CAR 12-67730
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... _____
 - (b) Percent Complete As Of January 2011..... .00
 - (c) Date 35% Designed..... _____
 - (d) Date Design Complete..... _____
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract:

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... _____
 - (b) All Other Design Costs..... _____
 - (c) Total Design Cost..... 0
 - (d) Contract..... _____
 - (e) In-house..... _____

- (4) Construction Contract Award..... _____

- (5) Construction Start..... _____

- (6) Construction Completion..... _____

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

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

1. COMPONENT AR		FY 2012 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 04 JAN 2011	
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 12-67729		8. PROJECT COST (\$000) Auth 2,925 Approp 2,925	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Unspecified Minor Construction		LS	--		--	2,925 (2,925)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						2,925
CONTINGENCY (.00 %)						0
SUBTOTAL						2,925
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						2,925
TOTAL REQUEST (ROUNDED)						2,925
TOTAL RELATED FURNITURE & EQUIP						(0)
10. Description of Proposed Construction Unspecified minor construction projects which have a funding cost of \$1,500,000 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 2012 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 04 JAN 2011
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3. INSTALLATION AND LOCATION
Minor Construction, Worldwide Various

4. PROJECT TITLE Unspecified Minor Construction	5. PROJECT NUMBER CAR 12-67729
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
 - (a) Date Design Started..... _____
 - (b) Percent Complete As Of January 2011..... .00
 - (c) Date 35% Designed..... _____
 - (d) Date Design Complete..... _____
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract:

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... _____
 - (b) All Other Design Costs..... _____
 - (c) Total Design Cost..... 0
 - (d) Contract..... _____
 - (e) In-house..... _____

- (4) Construction Contract Award..... _____

- (5) Construction Start..... _____

- (6) Construction Completion..... _____

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

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