

DEPARTMENT OF THE ARMY
UNITED STATES ARMY RESERVE

FISCAL YEAR (FY) 2005 BUDGET ESTIMATES

MILITARY CONSTRUCTION



SUBMITTED TO CONGRESS

FEBRUARY 2004

TABLE OF CONTENTS

	<u>Page</u>
Table of Contents	i
State List and Summary Data	ii-iii
Air and Water Pollution Abatement Energy Conservation Investment Program	iv
Future Years Defense Plan	v-vii
Section I - Budget Appendix Extract	
Language	I-1
Special Considerations	I-2
Section II - Installation and Project Justification Data DD Forms 1390/1391	
Major Construction	II-1
Unspecified Minor Construction	II-48
Planning and Design	II-49

Department of the Army
 Military Construction, Army Reserve - FY 2005
 Index of Locations
 (Dollars in Thousands)

<u>State/ Country</u>	<u>Installation and Location Project Title</u>	<u>Auth of Approp</u>	<u>Approp Amount</u>	<u>New/ Current Mission</u>	<u>DD Form 1391 Page No.</u>
Inside the United States					
Colorado	Aurora Addition/Alteration to Military Equipment Park	<u>1,758</u>	<u>1,758</u>	C	II-3
	Subtotal	1,758	1,758		
Kansas	Hays AR Center/Organizational Maintenance Shop/Unheated Storage/Warehouse	<u>7,451</u>	<u>7,451</u>	C	II-8
	Subtotal	7,451	7,451		
Maryland	Fort Meade AR Center/Organizational Maintenance Shop/Unheated Storage Phase II	<u>14,642</u>	<u>14,642</u>	C	II-13
	Subtotal	14,642	14,642		
Pennsylvania	Fort Indiantown Gap AR Center/Organizational Maintenance Shop/Unheated Storage	<u>13,156</u>	<u>13,156</u>	C	II-18
	Subtotal	13,156	13,156		
Utah	Ogden Addition/Alteration to AR Center/ Organizational Maintenance Shop/ Unheated Storage	<u>7,932</u>	<u>7,932</u>	C	II-23
	Subtotal	7,932	7,932		
Washington	Vancouver Land Acquisition	<u>2,500</u>	<u>2,500</u>	C	II-29
	Subtotal	2,500	2,500		
Wisconsin	Fort McCoy Infantry Platoon Battle Course Squad Defense Range	2,712 <u>1,248</u>	2,712 <u>1,248</u>	C C	II-34 II-39
	Subtotal	3,960	3,960		
	Subtotal Inside the United States	51,399	51,399		
Outside the United States					
Puerto Rico	Aguadilla AR Center/Organizational Maintenance Shop/Area Maintenance Support Activity/ Unheated Storage	<u>21,523</u>	<u>21,523</u>	C	II-44
	Subtotal	21,523	21,523		

Department of the Army
 Military Construction, Army Reserve - FY 2005
 Index of Locations
 (Dollars in Thousands)

<u>State/ Country</u>	<u>Installation and Location Project Title</u>	<u>Auth of Approp</u>	<u>Approp Amount</u>	<u>New/ Current Mission</u>	DD Form
					<u>1391 Page No.</u>
	Subtotal Outside the United States	21,523	21,523		
	Grand Total Major Construction	72,922	72,922		
Support	Unspecified Minor Construction	2,923	2,923	NA	II-48
	Planning and Design	<u>11,225</u>	<u>11,225</u>	NA	II-49
	Grand Total	87,070	87,070		
	Total New Mission	0	0		
	Total Current Mission	72,922	72,922		

Department of the Army
 Military Construction, Army Reserve - FY 2005
 Index of Locations
 Air and Water Pollution Abatement
 Energy Conservation Investment Program
 (Dollars in Thousands)

<u>State/ Country</u>	<u>Installation and Location Project Title</u>	Auth of	<u>Approp Amount</u>	DD Form 1391 Page <u>No.</u>
None	Air and Water Pollution Abatement			
None	Energy Conservation Investment Program			

Military Construction, Army Reserve Outyear Project Data

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Existing Mission	Existing Footprint	Budgeted Amount	Change From Previous Submission
USAR	2005	2086 Cp Parks		CA	Range Cont Admin Bldg	171	0532292A	Y	Y	0	-1397
USAR	2005	2086 Hunter-Liggett		CA	Urban Assault Crs	179	0532292A	N	N	0	-2500
USAR	2005	2086 Aurora		CO	Add/Alt Mil Exptat Prkg	214	0532292A	Y	Y	1758	0
USAR	2005	2086 Hays		KS	ARC/OMS	171	0532292A	Y	Y	7451	0
USAR	2005	2086 Ft Meade		MD	Storage/OMS/AMSA PH II	241	0532992A	Y	Y	14642	-3239
USAR	2005	2086 Ft Devens		MA	Range Cont Admin Bldg	171	0532292A	N	N	-2261	-2001
USAR	2005	2086 Morehead City		NC	Pier Facs	151	0532292A	Y	Y	0	-10648
USAR	2005	2086 Ft Indiantown Gap		PA	ARC/OMS	171	0532292A	Y	Y	13156	13156
USAR	2005	2086 Aguililla		PR	ARC	171	0532292A	Y	Y	21523	-2001
USAR	2005	2086 Ogden		UT	Add/Alt ARC	171	0532292A	Y	Y	7932	7932
USAR	2005	2086 Vancouver		WA	Land Acquisition	171	0532292A	Y	O	2500	2500
USAR	2005	2086 Ft McCoy		WI	NCO Academy PH I	171	0532292A	Y	Y	0	-7700
USAR	2005	2086 Ft McCoy		WI	Inf Pit Battle Course	171	0532292A	Y	Y	2712	2712
USAR	2005	2086 Ft McCoy		WI	Range Upgrades	171	0532292A	Y	Y	0	-8760
USAR	2005	2086 Ft McCoy		WI	Squad Defense Rng	179	0532292A	Y	Y	1248	251
USAR	2005	2086 Various		ZU	Unspecified	999	0532292A	Y	Y	2923	0
USAR	2005	2086 Various		ZU	Planning and Design	999	0532292A	Y	Y	11225	0
Total											-11945
USAR	2006	2086 Birmingham		AL	Land Acquisition	171	0532292A	Y	O	0	-2783
USAR	2006	2086 Victorville		CA	Land Acquisition	171	0532292A	Y	O	1110	1110
USAR	2006	2086 Ft Hunter-Liggett		CA	Bayonet Assault Crs Rng	178	0532292A	N	N	0	-683
USAR	2006	2086 Omaha		NE	Land Acquisition	171	0532292A	Y	O	3119	0
USAR	2006	2086 Ft Indiantown Gap		PA	ARC/OMS	171	0532292A	Y	Y	0	-16841
USAR	2006	2086 Greenville		SC	Add/Alt ARC	171	0502576A	Y	Y	11984	11984
USAR	2006	2086 Grand Prairie		TX	Strg/Dining Fac PH II	441	0532292A	Y	Y	5849	-544
USAR	2006	2086 Ogden		UT	Add/Alt ARC	171	0532292A	Y	Y	0	-9044
USAR	2006	2086 Tacoma		WA	Pier Fac PH II	151	0532292A	Y	Y	7390	23
USAR	2006	2086 Vancouver		WA	AFEC	171	0532292A	Y	Y	25722	2835
USAR	2006	2086 Ft McCoy		WI	Battle Simulation Ctr	171	0532292A	Y	Y	0	-4500
USAR	2006	2086 Ft McCoy		WI	Public Safety Ctr	141	0532292A	N	Y	4453	212
USAR	2006	2086 Ft McCoy		WI	NCO Academy PH I	171	0532292A	Y	Y	17548	17548
USAR	2006	2086 Ft McCoy		WI	Modified Record Fire Range	171	0532292A	Y	Y	1430	1430
USAR	2006	2086 Ft McCoy		WI	Range Upgrades	171	0532292A	Y	Y	0	-3912
USAR	2006	2086 Various		ZU	Unspecified	999	0532292A	Y	Y	2979	0
USAR	2006	2086 Various		ZU	Planning and Design	999	0532292A	Y	Y	11440	650
Total											93024
Total											-2515

Military Construction, Army Reserve Outyear Project Data

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Existing Mission	Existing Footprint	Budgeted Amount	Change From Previous Submission
USAR	2007	2086 Birmingham	2086 Birmingham	AL	RSC Hqs PH I	171	0532292A	Y	Y	0	-22775
USAR	2007	2086 March AFB	2086 March AFB	CA	ARC/OMS/AMSA	171	0532292A	Y	Y	24565	0
USAR	2007	2086 Victorville	2086 Victorville	CA	ARC/ASF	171	0532292A	Y	N	23460	2032
USAR	2007	2086 Honolulu	2086 Honolulu	HI	ARC	171	0532292A	Y	Y	13721	-670
USAR	2007	2086 Granite City	2086 Granite City	IL	ARC/OMS	171	0532292A	Y	Y	20769	-66
USAR	2007	2086 Omaha	2086 Omaha	NE	ARC/OMS	171	0532292A	Y	Y	20126	-318
USAR	2007	2086 Ft Dix	2086 Ft Dix	NJ	Urban Assault Course	179	0532292A	N	N	0	-1458
USAR	2007	2086 Morehead City	2086 Morehead City	NC	Pier Facs	151	0532292A	Y	Y	12450	12450
USAR	2007	2086 Raleigh-Durham	2086 Raleigh-Durham	NC	ARC/OMS	171	0532292A	Y	Y	10239	-915
USAR	2007	2086 Bellefonte	2086 Bellefonte	PA	Add/Alt AR Center	171	0532292A	Y	Y	11720	11720
USAR	2007	2086 Various	2086 Various	ZU	Unspecified	999	0532292A	Y	Y	3042	0
USAR	2007	2086 Various	2086 Various	ZU	Planning and Design	999	0532292A	Y	Y	13128	760
									Total	153220	760
USAR	2008	2086 Birmingham	2086 Birmingham	AL	Land Acquisition	171	0532292A	Y	0	3036	3036
USAR	2008	2086 Birmingham	2086 Birmingham	AL	RSC Hqs PH II	171	0532292A	Y	Y	0	-22019
USAR	2008	2086 Garden Grove	2086 Garden Grove	CA	Add/Alt ARC	171	0502576A	Y	Y	16022	5136
USAR	2008	2086 Denver	2086 Denver	CO	Add/Alt ARC	171	0502576A	Y	Y	8156	121
USAR	2008	2086 Baton Rouge	2086 Baton Rouge	LA	Add/Alt ARC/OMS	171	0532292A	Y	Y	8558	2227
USAR	2008	2086 Chicopee	2086 Chicopee	MA	Add/Alt AFRC/OMS	171	0502576A	Y	Y	13666	14
USAR	2008	2086 Weldon Springs	2086 Weldon Springs	MO	AFRC/OMS	171	0532292A	Y	Y	30154	16654
USAR	2008	2086 Camden	2086 Camden	NJ	ARC/OMS	171	0532292A	Y	Y	2603	-84
USAR	2008	2086 Ft Dix	2086 Ft Dix	NJ	Ofc Educ Schl Clstrms	171	0532292A	Y	Y	10134	3133
USAR	2008	2086 Ft Totten	2086 Ft Totten	NJ	ARC/OMS PH I	171	0532292A	Y	Y	13715	-945
USAR	2008	2086 Greenville	2086 Greenville	SC	Add/Alt ARC	171	0502576A	Y	Y	0	-10500
USAR	2008	2086 Sioux Falls	2086 Sioux Falls	SD	ARC/OMS/AMSA	171	0532292A	Y	Y	11023	-1119
USAR	2008	2086 Tyler	2086 Tyler	TX	ARC/OMS	171	0532292A	Y	Y	7256	707
USAR	2008	2086 Ft Lewis	2086 Ft Lewis	WA	ARC/OMS	171	0532292A	Y	Y	24436	1541
USAR	2008	2086 Ft McCoy	2086 Ft McCoy	WI	Range Upgrade	179	0532292A	Y	Y	1979	1979
USAR	2008	2086 Ft McCoy	2086 Ft McCoy	WI	Mod Recd Fire Rng	171	0532292A	Y	Y	0	-1979
USAR	2008	2086 Ft McCoy	2086 Ft McCoy	WI	NCO Academy PH II	171	0532292A	Y	Y	22301	22301
USAR	2008	2086 Wausau	2086 Wausau	WI	ARC/OMS	171	0532292A	Y	Y	10234	3057
USAR	2008	2086 Caques	2086 Caques	PR	ARC/OMS	171	0532292A	Y	Y	0	-23260
USAR	2008	2086 Various	2086 Various	ZU	Unspecified	999	0532292A	Y	Y	3106	0
USAR	2008	2086 Various	2086 Various	ZU	Planning and Design	999	0532292A	Y	Y	12138	0
									Total	198517	0

Military Construction, Army Reserve Outyear Project Data

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Existing Mission	Existing Footprint	Budgeted Amount	Change From Previous Submission
USAR	2009	2086 Huntsville		AL	Add/Alt AR Center/OMS	171	0532292A	Y	Y	0	-4700
USAR	2009	2086 Los Alamitos		CA	AFRC/OMS/DMR STRG	171	0532292A	Y	Y	0	-12500
USAR	2009	2086 Fairfield		CT	Add/Alt AR Center	171	0532292A	Y	Y	4483	0
USAR	2009	2086 Ft Benning		GA	AR Center/OMS	171	0532292A	Y	Y	16201	250
USAR	2009	2086 Hayden Lake		ID	Add/Alt AR Center	171	0532292A	Y	Y	5265	0
USAR	2009	2086 Ft Leavenworth		KS	AR Center/OMS	171	0532292A	Y	Y	0	-7692
USAR	2009	2086 New Century		KS	Alt AR Center	171	0532292A	Y	Y	11837	1596
USAR	2009	2086 Ft Campbell		KY	AR Center/OMS	171	0532292A	Y	Y	8734	-5066
USAR	2009	2086 Bedford		MA	AFRC Ctr	171	0532292A	Y	Y	26230	10535
USAR	2009	2086 Saint Joseph		MO	AR Center/OMS/AMSA	171	0532292A	Y	Y	10597	3442
USAR	2009	2086 Arnold		MO	AR Center/OMS	171	0532292A	Y	Y	12922	-70
USAR	2009	2086 Gulfport		MS	Strg Complex PH II	441	0532292A	N	N	13116	947
USAR	2009	2086 Kalispell		MT	AFRC/OMS	171	0532292A	Y	Y	0	-2946
USAR	2009	2086 Ft Dix		NJ	Timmerman Conference Center	171	0532292A	Y	Y	0	-3700
USAR	2009	2086 Ft Dix		NJ	Strg Complex PH I	441	0532292A	N	N	13106	13106
USAR	2009	2086 Ft Dix		NJ	MOUT Complex PH I	179	0532292A	Y	N	12765	12765
USAR	2009	2086 Ft Totten		NY	AR Center Phase II	171	0532292A	Y	Y	27198	0
USAR	2009	2086 Uniondale		NY	Add/Alt AR Center	171	0502576A	Y	Y	11608	0
USAR	2009	2086 Beaver Falls		PA	Add/Alt AR Center	171	0502576A	Y	Y	7045	336
USAR	2009	2086 Bellefonte		PA	Add/Alt AR Center	171	0532292A	Y	Y	0	-9085
USAR	2009	2086 Bristol		PA	Add/Alt AR Center/OMS	171	0502576A	Y	Y	27734	637
USAR	2009	2086 Bristol		RI	Add/Alt AR Center	171	0532292A	Y	Y	6309	232
USAR	2009	2086 Corpus Christi		TX	Strg Complex PH I	441	0532292A	N	N	13106	-1894
USAR	2009	2086 Ft Bliss		TX	Eqgmt Conc Site	214	0532292A	Y	Y	16225	3537
USAR	2009	2086 Marshall		TX	AR Center/OMS/Uah Strg	171	0532292A	Y	Y	4829	1885
USAR	2009	2086 Tacoma		WA	Add/Alt AR Center	171	0532292A	Y	Y	8038	3
USAR	2009	2086 Renton		WA	AR Center	171	0532292A	Y	Y	7342	0
USAR	2009	2086 Eau Claire		WI	AR Ctr/OMS/AMSA	171	0532292A	Y	Y	13121	4321
USAR	2009	2086 Ft McCoy		WI	NCO Academy PH II	171	0532292A	Y	Y	0	-8898
USAR	2009	2086 Ft McCoy		WI	Range Utility Upgrade	171	0532292A	Y	Y	3866	3866
USAR	2009	2086 Ft McCoy		WI	Range Upgrades	179	0532292A	Y	Y	1950	0
USAR	2009	2086 Menasha		WI	AR Center/OMS	171	0532292A	Y	Y	13171	93
USAR	2009	2086 Various Locations		ZU	Unspecified	999	0532292A	Y	Y	3171	0
USAR	2009	2086 Various Locations		ZU	Planning and Design	999	0532292A	Y	Y	12394	0
Total										312363	1000

SECTION I

APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, ARMY RESERVE

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army Reserve as authorized by Chapter 1803 of Title 10, United States Code and National Defense Authorization Acts, (\$88,451,000) \$87,070,000 to remain available until September 30, (2008) 2009.

MILITARY CONSTRUCTION, ARMY RESERVE

FY 2005

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 projects proposed primarily for energy conservation include improvements to existing facilities and utilities systems to upgrade design, eliminate waste, and install energy saving devices. Projects are designed for minimum energy consumption.

Flood Plain Management and Wetlands Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proper management of flood plains and the protection of wetlands by avoiding long and short term adverse degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

Environmental Protection

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

Reserve Potential/Placement of Reserve Component Units in Local Communities

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

SPECIAL PROGRAM CONSIDERATIONS

(continued)

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 Historic 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 2005 budget.

Other Congressional - Planning and Design

Considerations are made for the following directed planning and design projects:

House of Representatives Report 108-173: "California - March Air Reserve Base: Reserve Center/Organizational Maintenance Shop/Area Maintenance Support Activity - Of the amount provided for planning and design in this account, the Committee directs that not less than \$2,500,000 be made available for design of this facility."

The Army Reserve will make available the funds to the Corps of Engineer to design a joint Armed Forces Reserve Center/Organizational Maintenance Shop/Area Maintenance Support Activity at March Air Reserve Base, California.

Senate Report 108-82: "Reserve Center, Eau Claire, Wisconsin - Of the funds provided for planning and design in this account, the Committee directs that \$631,000 be made available for the design of the facility."

The Army Reserve will make available the funds to the Corps of Engineer to design an Army Reserve Center/Organizational Maintenance Shop/Unheated Storage in Eau Claire, Wisconsin.

SECTION II

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 04															
3. INSTALLATION AND LOCATION AR Center, Aurora, CO			4. AREA CONSTR COST INDEX 1.03															
5. FREQUENCY AND TYPE 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, Armory, Aurora, CO - 1.61 km USAR, Center, Aurora, CO - 3.22 km USNR, Center, Aurora, CO - 3.22 km																		
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: center;">CATEGORY CODE</th> <th rowspan="2" style="text-align: center;">PROJECT TITLE</th> <th rowspan="2" style="text-align: center;">SCOPE</th> <th rowspan="2" style="text-align: center;">COST (\$000)</th> <th colspan="2" style="text-align: center;">(DESIGN STATUS)</th> </tr> <tr> <th style="text-align: center;">START</th> <th style="text-align: center;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">852</td> <td style="text-align: center;">Add/Alt Mil Equip Park</td> <td style="text-align: center;">5,609 m2 (6,708 sy)</td> <td style="text-align: center;">1,758</td> <td style="text-align: center;">01/03</td> <td style="text-align: center;">03/04</td> </tr> </tbody> </table>					CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)		START	COMPLETE	852	Add/Alt Mil Equip Park	5,609 m2 (6,708 sy)	1,758	01/03	03/04
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)														
				START	COMPLETE													
852	Add/Alt Mil Equip Park	5,609 m2 (6,708 sy)	1,758	01/03	03/04													
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the <u>13 Aug 2003</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.																		
9. LAND ACQUISITION REQUIRED None <div style="text-align: right;">0 <u>(Number of Acres)</u></div>																		
10. PROJECTS PLANNED IN NEXT FOUR YEARS None <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">FISCAL YEAR</th> <th style="text-align: center;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="2" style="text-align: center;">None</td> </tr> </tbody> </table>					FISCAL YEAR	COST (\$000)	None											
FISCAL YEAR	COST (\$000)																	
None																		

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 04																																			
3. INSTALLATION AND LOCATION AR Center, Aurora, CO		4. AREA CONSTR COST INDEX 1.03																																			
<p>11. PERSONNEL STRENGTH AS OF: 30 Dec 2003</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="3" style="text-align: center;">PERMANENT</th> <th colspan="3" style="text-align: center;">GUARD/RES</th> </tr> <tr> <th style="text-align: center;">TOTAL</th> <th style="text-align: center;">OFFICER</th> <th style="text-align: center;">ENLISTED</th> <th style="text-align: center;">CIVILIAN</th> <th style="text-align: center;">TOTAL</th> <th style="text-align: center;">OFFICER</th> <th style="text-align: center;">ENLISTED</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZE</td> <td style="text-align: center;">20</td> <td style="text-align: center;">1</td> <td style="text-align: center;">11</td> <td style="text-align: center;">8</td> <td style="text-align: center;">713</td> <td style="text-align: center;">159</td> <td style="text-align: center;">554</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align: center;">27</td> <td style="text-align: center;">1</td> <td style="text-align: center;">14</td> <td style="text-align: center;">12</td> <td style="text-align: center;">705</td> <td style="text-align: center;">194</td> <td style="text-align: center;">511</td> </tr> </tbody> </table>				PERMANENT			GUARD/RES			TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED	AUTHORIZE	20	1	11	8	713	159	554	ACTUAL	27	1	14	12	705	194	511					
	PERMANENT			GUARD/RES																																	
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED																														
AUTHORIZE	20	1	11	8	713	159	554																														
ACTUAL	27	1	14	12	705	194	511																														
<p>12. RESERVE UNIT DATA</p> <p style="text-align: center;">ASGD/AUTH 99%</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;">UNIT DESIGNATION</th> <th colspan="2" style="text-align: center;">STRENGTH</th> </tr> <tr> <th style="text-align: center;">AUTHORIZED</th> <th style="text-align: center;">ACTUAL</th> </tr> </thead> <tbody> <tr> <td>1ST BN(MP) 3RD BDE 104</td> <td style="text-align: center;">76</td> <td style="text-align: center;">53</td> </tr> <tr> <td>AUG BDE (-) (PROF DEV</td> <td style="text-align: center;">45</td> <td style="text-align: center;">53</td> </tr> <tr> <td>7215TH MED DET (IMSU)</td> <td style="text-align: center;">61</td> <td style="text-align: center;">83</td> </tr> <tr> <td>5502ND USAR HOSPITAL</td> <td style="text-align: center;">325</td> <td style="text-align: center;">328</td> </tr> <tr> <td>87TH LSO, LEGAL SVC TM 2</td> <td style="text-align: center;">13</td> <td style="text-align: center;">23</td> </tr> <tr> <td>87TH LSO, TRIAL DEF TM 3</td> <td style="text-align: center;">5</td> <td style="text-align: center;">6</td> </tr> <tr> <td>87TH LSO, SR MIL JUDGE #4</td> <td style="text-align: center;">2</td> <td style="text-align: center;">2</td> </tr> <tr> <td>324TH PSYCHOLOGICAL OP CO</td> <td style="text-align: center;">78</td> <td style="text-align: center;">56</td> </tr> <tr> <td>UNITS NOT SHOWN</td> <td style="text-align: center;">108</td> <td style="text-align: center;">101</td> </tr> <tr> <td>Totals</td> <td style="text-align: center;">713</td> <td style="text-align: center;">705</td> </tr> </tbody> </table> <p>Total Units Not Shown = 2</p>			UNIT DESIGNATION	STRENGTH		AUTHORIZED	ACTUAL	1ST BN(MP) 3RD BDE 104	76	53	AUG BDE (-) (PROF DEV	45	53	7215TH MED DET (IMSU)	61	83	5502ND USAR HOSPITAL	325	328	87TH LSO, LEGAL SVC TM 2	13	23	87TH LSO, TRIAL DEF TM 3	5	6	87TH LSO, SR MIL JUDGE #4	2	2	324TH PSYCHOLOGICAL OP CO	78	56	UNITS NOT SHOWN	108	101	Totals	713	705
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1. COMPONENT AR		FY 2005 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 04	
3. INSTALLATION AND LOCATION AR Center Aurora, CO				4. PROJECT TITLE Add/Alt Mil Equip Park		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 852	7. PROJECT NUMBER CAR 05-11265		8. PROJECT COST (\$000) 1,758	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
<u>PRIMARY FACILITIES:</u>						<u>568</u>
Paving (3,770 sy MEP/2,938 sy POV)				m2	5,609	59.85 (336)
Curb and Gutters				m	457	55.77 (26)
Vehicle Wash Platform w/ OWS				LS	-	(200)
Antiterrorism/Force Protection				LS	-	(6)
<u>SUPPORTING FACILITIES:</u>						<u>1015</u>
Site Preparation & Improvements				LS	-	(588)
Storm Water Detention Basin				LS	-	(46)
Landscaping and Exterior Signage				LS	-	(50)
Lighting and Fencing				LS	-	(321)
Antiterrorism/Force Protection				LS	-	(10)
TOTAL CONSTRUCTION COST						1583
Contingencies (5.0%)						80
Supervision and Administration (5.7%)						95
TOTAL PROJECT COST						<u>1758</u>
Equipment Funded Other Appropriations						(Non-Add) (0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>Construct a military equipment park (MEP) and vehicle wash platform with oil/water separator, a privately owned vehicle (POV) parking area, and installation of security fencing and lighting and other site improvements. Force Protection (physical security) measures will be incorporated into the design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Air Conditioning: 0 kw/0 tons.</p>						
11. REQUIREMENT: 5,609 m2 Adequate: 0 m2 Substand: 0 m2						
PROJECT: Construct MEP and POV parking areas and supporting facilities. (Current Mission).						
REQUIREMENT: This project is required to provide AR units with adequate MEP and POV parking to include associated fencing, lighting, vehicle washpad, oil/water separator, and storm water detention basin.						
CURRENT SITUATION: Nine units with a combined, authorized strength of 764						

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04
3. INSTALLATION AND LOCATION AR Center Aurora, CO		
4. PROJECT TITLE Add/Alt Mil Equip Park	5. PROJECT NUMBER CAR 05-11265	
<p>11. REQUIREMENT (CONT)</p> <p>personnel are currently assigned to the Fitzsimons Army Reserve Center. While existing primary facilities are adequate to meet the requirements of the assigned units, MEP and POV are grossly inadequate. Adequate POV parking exists for only 35% of personnel assigned to the facility on the largest drill weekend. The entire designated MEP violates minimum setback distances from buildings and has inadequate security fencing and lighting. Two units assigned to the facility do not have immediate access to their military equipment due to space shortages which prohibits required parking from being collocated at the facility. A lack of perimeter security at the enclave has resulted in incidences of vandalism and unauthorized entry onto the property.</p> <p>IMPACT IF NOT PROVIDED: Units assigned to the Fitzsimons Army Reserve Center will continue to face physical security and force protection concerns and mission inefficiencies due to shortages of both privately owned vehicle and military equipment parking.</p> <p>ADDITIONAL: This project has been coordinated with the Regional Readiness Command Physical Security Plan and all required physical security measures are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement were explored during project development. This project is the most feasible option to meet the requirements. Parametric estimate based on Modular Design System project engineering. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project was considered for joint use potential. Mission requirement, operational considerations, and location are incompatible with use by other components.</p>		
<p>12. SUPPLEMENTAL DATA</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>01/03</u></p> <p>(b) Percent Complete as of January 2004..... <u>75%</u></p> <p>(c) Date Design 35% Complete..... <u>08/03</u></p> <p>(d) Date Design Complete..... <u>03/04</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost.. <u>Yes</u></p> <p>(f) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(g) Type of Design Contract.....<u>Design - Bid - Build</u></p> <p>(2) Basis:</p>		

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04																														
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Total:			0																													

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Feb 04															
3. INSTALLATION AND LOCATION AR Center, Hays, KS				4. AREA CONSTR COST INDEX 0.95															
5. FREQUENCY AND TYPE 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, Armory, Hays, KS - 1.61 km ARNG, Armory, Russell, KS - 38.62 km USAR, Center, Great Bend, KS - 74.03 km																			
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;">CATEGORY CODE</th> <th rowspan="2" style="text-align: left;">PROJECT TITLE</th> <th rowspan="2" style="text-align: left;">SCOPE</th> <th rowspan="2" style="text-align: left;">COST (\$000)</th> <th colspan="2" style="text-align: center;">(DESIGN STATUS)</th> </tr> <tr> <th style="text-align: left;">START</th> <th style="text-align: left;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">171</td> <td style="text-align: left;">AR Center/OMS/Unh Strg</td> <td style="text-align: left;">4,053 m2 (43,626 sf)</td> <td style="text-align: left;">7,451</td> <td style="text-align: left;">01/03</td> <td style="text-align: left;">08/04</td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)		START	COMPLETE	171	AR Center/OMS/Unh Strg	4,053 m2 (43,626 sf)	7,451	01/03	08/04
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)															
				START	COMPLETE														
171	AR Center/OMS/Unh Strg	4,053 m2 (43,626 sf)	7,451	01/03	08/04														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the <u>12 Oct 2003</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.																			
9. LAND ACQUISITION REQUIRED None 0 (Number of Acres)																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: center;">FISCAL YEAR</th> <th style="text-align: center;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;">None</td> </tr> </tbody> </table>							FISCAL YEAR	COST (\$000)	None										
	FISCAL YEAR	COST (\$000)																	
None																			

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE Feb 04		
3. INSTALLATION AND LOCATION AR Center, Hays, KS				4. AREA CONSTR COST INDEX 0.95			
11. PERSONNEL STRENGTH AS OF: 30 Dec 2003							
	PERMANENT			GUARD/RES			
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZE	8	1	6	1	187	14	173
ACTUAL	8	1	6	1	157	12	145
12. RESERVE UNIT DATA							
ASGD/AUTH 84%							
	UNIT DESIGNATION		STRENGTH				
			AUTHORIZED	ACTUAL			
	388TH MED LOG SPT CO (-)		97	91			
	388TH MED DIST CO (-)		46	33			
	HHD 388TH MED BN LOG FWD		44	33			
	Totals		<u>187</u>	<u>157</u>			
13. MAJOR EQUIPMENT AND AIRCRAFT							
	TYPE	AUTHORIZED	ACTUAL				
	Wheeled Vehicles	35	32				
	Trailers	26	25				
	Totals	<u>61</u>	<u>57</u>				
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES							
		(\$000)					
	Air Pollution	0					
	Water Pollution	0					
	Safety and Occupational Health	0					

1. COMPONENT AR		FY 2005 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 04	
3. INSTALLATION AND LOCATION AR Center Hays, KS			4. PROJECT TITLE AR Center/OMS/Unh Strg			
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 05-11314		8. PROJECT COST (\$000) 7,451	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITIES:</u>					<u>5579</u>	
Training Building (36,268 sf)		m2	3,369	1,261.53	(	4251)
Maintenance Building (6,141 sf)		m2	571	1,782.29	(	1017)
Unheated Storage (1,217 sf)		m2	113	938.72	(	107)
Building Information Systems		LS	-	-	(	150)
Antiterrorism/Force Protection		LS	-	-	(	54)
<u>SUPPORTING FACILITIES:</u>					<u>1134</u>	
Site Improvement		LS	-	-	(	867)
Information Systems		LS	-	-	(	99)
Parking (4,130 sy)		m2	3,453	44.85	(	155)
Antiterrorism/Force Protection		LS	-	-	(	13)
TOTAL CONSTRUCTION COST						6713
Contingencies (5.0%)						336
Supervision and Administration (5.7%)						402
TOTAL PROJECT COST						7451
Equipment Funded Other Appropriations				(Non-Add)	(	1899)
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>Construct a 200-member Army Reserve Center (ARC), Organizational Maintenance Shop (OMS), and an unheated storage facility. The buildings will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry split faced exterior walls, standing seam metal roofing, mechanical systems, and electrical systems. Supporting facilities will include site preparation, paving, fencing, and extension of utilities to serve the project. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distance cannot be maintained. Air conditioning: 350 kw/100 tons.</p>						
11. REQUIREMENT:		4,053 m2	Adequate:	0 m2	Substandard:	1,068 m2
PROJECT: Construct a 200-member ARC, OMS, and an unheated storage facility. (Current Mission)						
REQUIREMENT: This project will provide training facilities with adequate						

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04
3. INSTALLATION AND LOCATION AR Center Hays, KS		
4. PROJECT TITLE AR Center/OMS/Unh Strg	5. PROJECT NUMBER CAR 05-11314	
<p>11. REQUIREMENT (CONT)</p> <p>administrative, training, assembling, supply/storage areas, and maintenance areas to support all assigned units' requirements and operations. The tenant units have several critical missions including Class VIII hands-on-training (HOT) mission and a protective mask optical grinding mission requiring specialized space. The tenant unit is also caretaker for the Combat Automated Support Service-Medical (CASS-M) computer system, which requires additional specialized space and heated storage facilities. The battalion also has a biological medical equipment repair mission. A new OMS shop is required to provide space for training to accomplish increased vehicle maintenance activities and operations. A military equipment park (MEP) and privately owned vehicle (POV) parking area is also included in the project scope.</p> <p>CURRENT SITUATION: The present facility utilization rate is 353 percent and provides only 18 percent of the required administrative space, 43 percent of the required training space, 16 percent of the required storage space, and 31 percent of required maintenance space. Due to the drastic shortfalls of available training areas to support mission requirements, a leased facility was procured to provide a temporary solution. This project will eliminate the current \$55,000 annual lease and excess the current existing facilities (11,499 sf) located within the 100-year flood plain.</p> <p>IMPACT IF NOT PROVIDED: Insufficient storage, administrative, and training space as described above adversely affects the units' ability to train for wartime tasks and impedes mobilization planning and training. If additional space is not built, the continuation of additional space via leased facilities will have to be procured to correct the deficiencies inherent in the existing facility and to assure unit readiness and mission accomplishment.</p> <p>ADDITIONAL: This project was coordinated with the Regional Readiness Command Physical Security Plan and all required physical security measures are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement were explored during project development. This project is the most feasible option to meet the requirement. Parametric estimate based on Modular Design System project engineering. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project was considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04	
3. INSTALLATION AND LOCATION AR Center Hays, KS			
4. PROJECT TITLE AR Center/OMS/Unh Strg		5. PROJECT NUMBER CAR 05-11314	
12. SUPPLEMENTAL DATA			
a. Estimated design data:			
(1) Status:			
(a)	Date Design Started.....	<u>01/03</u>	
(b)	Percent Complete as of January 2004.....	<u>55%</u>	
(c)	Date Design 35% Complete.....	<u>08/03</u>	
(d)	Date Design Complete.....	<u>08/04</u>	
(e)	Parametric Cost Estimating Used to Develop Cost..	<u>Yes</u>	
(f)	An energy study and life cycle cost analysis will be documented during the final design.		
(g)	Type of Design Contract.....	<u>Design - Bid - Build</u>	
(2) Basis:			
(a)	Standard or Definitive Design.....	<u>No</u>	
(b)	Where Design Was Most Recently Used.....	<u>N/A</u>	
(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)			
(a)	Production of Plans and Specifications.....	<u>469</u>	
(b)	All Other Design Costs.....	<u>201</u>	
(c)	Total.....	<u>670</u>	
(d)	Contract.....	<u>536</u>	
(e)	In-house.....	<u>134</u>	
(4) Construction Award..... <u>11/04</u>			
(5) Construction Start..... <u>12/04</u>			
(6) Construction Completion..... <u>06/05</u>			
b. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment</u> Nomenclature	<u>Procuring</u> Appropriation	<u>Fiscal Year</u> Appropriated or Requested	<u>Cost</u> (\$000)
IT Equipment	OMAR	2006	172
Physical Fitness	OMAR	2006	75
Work Benches	OMAR	2006	12
Shelving/Caging	OMAR	2005	1,343
Kitchen Equipment	OMAR	2005	100
Dehumidifier	OMAR	2005	1
Furniture	OMAR	2006	196
Total:			<u>1899</u>
Point of Contact:		MAJ Nguyen, 703-601-3422	

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 04															
3. INSTALLATION AND LOCATION AR Center, Fort Meade, MD			4. AREA CONSTR COST INDEX 0.98															
5. FREQUENCY AND TYPE UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																		
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR, Center, FGGM, MD - 1.61 km USAR, Center, Upper Malboro, MD - 32.19 km USAR, Center, Baltimore, MD - 56.33 km USAR, Center, Fort Belvoir, VA - 72.42 km																		
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;">CATEGORY CODE</th> <th rowspan="2" style="text-align: left;">PROJECT TITLE</th> <th rowspan="2" style="text-align: left;">SCOPE</th> <th rowspan="2" style="text-align: left;">COST (\$000)</th> <th colspan="2" style="text-align: center;">(DESIGN STATUS)</th> </tr> <tr> <th style="text-align: left;">START</th> <th style="text-align: left;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td>171</td> <td>AR Center/OMS/Unh Strg Ph II</td> <td>10,170 m2 (109,464 sf)</td> <td>14,642</td> <td>01/00</td> <td>01/04</td> </tr> </tbody> </table>					CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)		START	COMPLETE	171	AR Center/OMS/Unh Strg Ph II	10,170 m2 (109,464 sf)	14,642	01/00	01/04
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)														
				START	COMPLETE													
171	AR Center/OMS/Unh Strg Ph II	10,170 m2 (109,464 sf)	14,642	01/00	01/04													
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the <u>16 May 2003</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.																		
9. LAND ACQUISITION REQUIRED None <div style="text-align: right;">0 <u>(Number of Acres)</u></div>																		
10. PROJECTS PLANNED IN NEXT FOUR YEARS None <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">FISCAL YEAR</th> <th style="text-align: left;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="2">None</td> </tr> </tbody> </table>					FISCAL YEAR	COST (\$000)	None											
FISCAL YEAR	COST (\$000)																	
None																		

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Feb 04			
3. INSTALLATION AND LOCATION AR Center, Fort Meade, MD			4. AREA CONSTR COST INDEX 0.98				
11. PERSONNEL STRENGTH AS OF: 30 Dec 2003							
	PERMANENT			GUARD/RES			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZE	92	13	59	20	1363	259	1104
ACTUAL	121	20	71	30	1490	306	1184
12. RESERVE UNIT DATA							
ASGD/AUTH 109%							
				STRENGTH			
UNIT DESIGNATION	AUTHORIZED		ACTUAL				
1ST BDE (MP-OSUT), 80D	49		48				
318 AUG BN(MP) 1 BDE 80 D	123		86				
AR TEC CONT&ANAL ELE(AUG)	35		35				
DET 2, 99TH RSC SMSO-MD	2		2				
REGIONAL SPT OFC #1	3		1				
FAC ENGR CTR - NE	15		20				
FAC ENGR TM 27 NE	7		10				
48TH CBT SPT HSP(-)	59		255				
UNITS NOT SHOWN	1070		1033				
Totals	1,363		1,490				
Total Units Not Shown = 50							
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE	AUTHORIZED		ACTUAL				
Wheeled Vehicles	215		217				
Trailers	210		209				
Totals	425		426				
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES							
	(\$000)						
Air Pollution	0						
Water Pollution	0						
Safety and Occupational Health	0						

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 04
3. INSTALLATION AND LOCATION AR Center Fort Meade, MD			4. PROJECT TITLE AR Center/OMS/Unh Strg Ph II	
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 05-11492	8. PROJECT COST (\$000) 14,642	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				<u>12220</u>
Training Building (109,464 sf)	m2	10,170	1,168.64	(11885)
Building Information Systems	LS	-	-	(216)
Antiterrorism/Force Protection	LS	-	-	(119)
<u>SUPPORTING FACILITIES:</u>				<u>241</u>
Site Improvement	LS	-	-	(182)
Information Systems	LS	-	-	(54)
Antiterrorism/Force Protection	LS	-	-	(5)
TOTAL CONSTRUCTION COST				12461
Contingencies (5.0%)				624
Supervision and Administration (5.7%)				746
Building Commissioning				811
TOTAL PROJECT COST				<u>14642</u>
Equipment Funded Other Appropriations			(Non-Add)	(2783)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Construct phase II of a 1,800-member Army Reserve Center (ARC). The buildings will be permanent construction with reinforced concrete foundations and floor slabs, structural steel framing masonry veneer exterior walls, standing metal seam metal roofing, mechanical and electrical systems. The ARC will be designed for maximum energy efficiency. Ground source heating and cooling systems will be considered for heating/cooling the buildings. Supporting facilities will include paving, fencing, and site improvements. The training building will be protected by fire and intrusion alarm system. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distance cannot be maintained. Air conditioning: 300 kw/85 tons.</p>				
11. REQUIREMENT: 10,170 m2 Adequate: 0 m2 Substandard: 15,973 m2				
PROJECT: Construct phase II of a 1,800-member ARC. (Current Mission)				
REQUIREMENT: This project will provide an 1,800-member ARC with administrative areas, storage, classrooms, library, learning center, assembly hall, kitchen, arms vault, and unit storage functions for 27				

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04
3. INSTALLATION AND LOCATION AR Center Fort Meade, MD		
4. PROJECT TITLE AR Center/OMS/Unh Strg Ph II		5. PROJECT NUMBER CAR 05-11492
<p>11. REQUIREMENT (CONT)</p> <p>reserve units located on Fort Meade. The project will provide adequate parking space for military and privately owned vehicles.</p> <p>CURRENT SITUATION: Units are scattered throughout the installation in 50 World War II wooden facilities, which are energy inefficient and are in constant repair. Four different general officer commands have troops that are housed in substandard facilities which affect the morale and retention of all soldiers involved.</p> <p>IMPACT IF NOT PROVIDED: The units will continue to be housed in substandard World War II wooden facilities which are not energy efficient, overcrowded and are not collocated. Additionally, the facilities currently being used by the Army Reserve do not meet current space and design criteria. Continued use of these substandard facilities will impact significantly upon morale, recruiting, retention, and mission readiness of all units concerned.</p> <p>ADDITIONAL INFORMATION: This project was coordinated with the Fort Meade Physical Security Plan and all required physical security measures are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement were explored during development. This project is the most feasible option to meet the requirement. Parametric estimate based on Modular Design System project engineering. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project was considered for joint use potential. Mission requirement, operational considerations, and location are incompatible with use by other components.</p>		
<p>12. SUPPLEMENTAL DATA</p> <p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started.....<u>01/00</u></p> <p>(b) Percent Complete as of January 2004.....<u>95%</u></p> <p>(c) Date Design 35% Complete.....<u>06/03</u></p> <p>(d) Date Design Complete.....<u>01/04</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost. <u>Yes</u></p> <p>(f) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(g) Type of Design Contract..... <u>Design - Bid - Build</u></p> <p>(2) Basis:</p>		

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04	
3. INSTALLATION AND LOCATION AR Center Fort Meade, MD			
4. PROJECT TITLE AR Center/OMS/Unh Strg Ph II		5. PROJECT NUMBER CAR 05-11492	
12. SUPPLEMENTAL DATA (CONT)			
(a) Standard or Definitive Design..... <u>No</u> (b) Where Design Was Most Recently Used..... <u>N/A</u> (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000) (a) Production of Plans and Specifications..... <u>1642</u> (b) All Other Design Costs..... <u>463</u> (c) Total..... <u>2105</u> (d) Contract..... <u>1852</u> (e) In-house..... <u>253</u> (4) Construction Award..... <u>10/04</u> (5) Construction Start..... <u>11/04</u> (6) Construction Completion..... <u>02/06</u>			
b. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated or Requested</u>	<u>Cost (\$000)</u>
IT Equipment	OMAR	2006	571
Furniture	OMAR	2006	2,078
Kitchen Equipment	OMAR	2005	112
Lockers	OMAR	2005	14
Shelving	OMAR	2006	8
Total:			2783
Point of Contact:		MAJ Quivey, 703-601-3406	

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Feb 04														
3. INSTALLATION AND LOCATION AR Center, Fort Indiantown Gap, PA			4. AREA CONSTR COST INDEX 1.05															
5. FREQUENCY AND TYPE UTILIZATION Reservist - 3 weekends/month 3 nights/week Full-Time Personnel - 5 days/week																		
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR, Center, Fort Indiantown Gap, PA - 1.61 km ARNG, Armory, Fort Indiantown Gap, PA - 1.61 km USAR, Center, Harrisburg, PA - 24.14 km USAR, Center, New Cumberland, PA - 45.06 km																		
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CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)														
				START	COMPLETE													
171	AR Center/OMS/Unh Strg	7,255 m2 (78,093 sf)	13,156	06/03	09/04													
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the <u>24 Jun 2003</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.																		
9. LAND ACQUISITION REQUIRED None				0 <u>(Number of Acres)</u>														
10. PROJECTS PLANNED IN NEXT FOUR YEARS None																		

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Feb 04			
3. INSTALLATION AND LOCATION AR Center, Fort Indiantown Gap, PA			4. AREA CONSTR COST INDEX 1.05				
11. PERSONNEL STRENGTH AS OF: 30 Dec 2003							
	PERMANENT			GUARD/RES			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZE	21	2	11	8	301	31	268
ACTUAL	21	2	11	8	232	23	209
12. RESERVE UNIT DATA							
ASGD/AUTH 77%							
				STRENGTH			
UNIT DESIGNATION				AUTHORIZED	ACTUAL		
FAC ENG TM 25 NE				7	5		
FAC ENG TM 26 NE				7	6		
953 EN DET (QUARRY)				46	37		
318 MAINT WHL VH RP TM				37	25		
1 PLT 925 AG CO, POSTAL				18	5		
2 PLT 925 AG, POSTAL				18	8		
3 PLT 925 AG CO (POSTAL)				18	7		
HQ DET 925 AG CO (POSTAL)				5	3		
UNITS NOT SHOWN				145	136		
Totals				301	232		
Total Units Not Shown = 2							
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE				AUTHORIZED	ACTUAL		
Wheeled Vehicles				50	92		
Trailers				33	65		
Tracked Vehicles				1	7		
Totals				84	164		
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES							
(\$000)							
Air Pollution				0			
Water Pollution				0			
Safety and Occupational Health				0			

1. COMPONENT AR		FY 2005 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 04	
3. INSTALLATION AND LOCATION AR Center Fort Indiantown Gap, PA				4. PROJECT TITLE AR Center/OMS/Unh Strg		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 05-01827		8. PROJECT COST (\$000) 13,156	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
<u>PRIMARY FACILITIES:</u>						<u>10523</u>
Training Building (40,234 sf)				m2	3,738	1,322.35 (4943)
Maintenance Building (35,580 sf)				m2	3,305	1,526.43 (5046)
Unheated Storage (2,279 sf)				m2	212	988.13 (210)
Building Information Systems				LS	-	(219)
Antiterrorism/Force Protection				LS	-	(105)
<u>SUPPORTING FACILITIES:</u>						<u>1330</u>
Site Improvement				LS	-	(1056)
Information Systems				LS	-	(186)
Paving, Fencing, Lighting				LS	-	(75)
Antiterrorism/Force Protection				LS	-	(13)
TOTAL CONSTRUCTION COST						11853
Contingencies (5.0%)						593
Supervision and Administration (5.7%)						710
TOTAL PROJECT COST						13156
Equipment Funded Other Appropriations						(Non-Add) (4572)
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>Construct a 300-member Army Reserve Center (ARC), an Organizational Maintenance Shop (OMS)/Regional Training Site - Maintenance (RTS-MT) building, and an unheated storage building. The buildings will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer exterior walls to match existing, insulated roof decks with metal seam or shingled roofing, mechanical and electrical systems. Supporting facilities will include all paving, fencing, site improvements, and extension of utilities to serve the project. Force protection (physical security) measures will be incorporated into design including the maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distance cannot be maintained. Air conditioning: 450 kw/128 tons.</p>						
11. REQUIREMENT:		7,255 m2	Adequate:	0 m2	Substandard:	6,816 m2
PROJECT: Construct a 300-member ARC, an OMS/RTS-MT, and an unheated storage building. (Current Mission)						

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04
3. INSTALLATION AND LOCATION AR Center Fort Indiantown Gap, PA		
4. PROJECT TITLE AR Center/OMS/Unh Strg	5. PROJECT NUMBER CAR 05-01827	
<p>11. REQUIREMENT (CONT)</p> <p>REQUIREMENT: This project will provide a 300-member ARC with administrative area, classrooms, library, learning center, assembly hall, arms vault, kitchen, and unit storage functions for ten Army Reserve units. The maintenance shop will provide space for training to accomplish organizational maintenance. The RTS - Maintenance building will provide space for regional qualification training. The project will also provide adequate parking space for all military and privately owned vehicles.</p> <p>CURRENT SITUATION: The Army Reserve currently occupies two primary training facilities and 19 minimally renovated World War II barracks buildings. One existing ARC and the OMS are in the safety zone for the expansion of the airstrip on the Fort Indiantown Gap installation. The ARC and OMS (23,623 SF) will be returned to the Army National Guard and demolished. In addition, 19 World War II buildings (73,368 SF) will be returned to the Army National Guard for demolition.</p> <p>IMPACT IF NOT PROVIDED: Units will continue to train in substandard facilities which will have a negative impact on readiness, morale, and the ability to properly meet mobilization objectives. Acquisition of additional leased facilities will be required to relieve overcrowding in the existing government-owned facilities at a time when the Army Reserve is attempting to reduce lease costs as funds decline.</p> <p>ADDITIONAL: This project was coordinated with the PA Army National Guard, Fort Indiantown Gap, and 99th Regional Readiness Command's Physical Security Plans and all required physical security measures are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement were explored during project development. This project is the most feasible option to meet the requirements. Parametric estimate based on Modular Design System project engineering. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project was considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>		
<p>12. SUPPLEMENTAL DATA</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>06/03</u></p> <p>(b) Percent Complete as of January 2004 <u>45%</u></p>		

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04																																				
3. INSTALLATION AND LOCATION AR Center Fort Indiantown Gap, PA																																						
4. PROJECT TITLE AR Center/OMS/Unh Strg		5. PROJECT NUMBER CAR 05-01827																																				
<p>12. SUPPLEMENTAL DATA (CONT)</p> <p>(c) Date Design 35% Complete..... <u>08/03</u></p> <p>(d) Date Design Complete..... <u>09/04</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost.. <u>Yes</u></p> <p>(f) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(g) Type of Design Contract..... <u>Design - Bid - Build</u></p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design..... <u>No</u></p> <p>(b) Where Design Was Most Recently Used..... <u>N/A</u></p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>921</u></p> <p>(b) All Other Design Costs..... <u>395</u></p> <p>(c) Total..... <u>1316</u></p> <p>(d) Contract..... <u>1053</u></p> <p>(e) In-house..... <u>263</u></p> <p>(4) Construction Award..... <u>12/04</u></p> <p>(5) Construction Start..... <u>01/05</u></p> <p>(6) Construction Completion..... <u>10/06</u></p> <p>b. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1" data-bbox="231 1129 1332 1522"> <thead> <tr> <th data-bbox="231 1160 454 1232">Equipment Nomenclature</th> <th data-bbox="510 1160 758 1232">Procuring Appropriation</th> <th data-bbox="813 1129 1093 1232">Fiscal Year Appropriated or Requested</th> <th data-bbox="1228 1160 1332 1232">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>IT Equipment</td> <td>OMAR</td> <td>2006</td> <td>326</td> </tr> <tr> <td>Furniture</td> <td>OMAR</td> <td>2006</td> <td>3,112</td> </tr> <tr> <td>Kitchen Equipment</td> <td>OMAR</td> <td>2005</td> <td>93</td> </tr> <tr> <td>Cage/Shelf/Locker</td> <td>OMAR</td> <td>2005</td> <td>833</td> </tr> <tr> <td>Dehumidifier</td> <td>OMAR</td> <td>2005</td> <td>1</td> </tr> <tr> <td>Physical Fitness</td> <td>OMAR</td> <td>2006</td> <td>82</td> </tr> <tr> <td>Work Benches</td> <td>OMAR</td> <td>2005</td> <td>125</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total:</td> <td>4572</td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 20px;">Point of Contact: MAJ Quivey, 703-601-3406</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)	IT Equipment	OMAR	2006	326	Furniture	OMAR	2006	3,112	Kitchen Equipment	OMAR	2005	93	Cage/Shelf/Locker	OMAR	2005	833	Dehumidifier	OMAR	2005	1	Physical Fitness	OMAR	2006	82	Work Benches	OMAR	2005	125	Total:			4572
Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)																																			
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Total:			4572																																			

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 04															
3. INSTALLATION AND LOCATION AR Center, Ogden, UT			4. AREA CONSTR COST INDEX 1.04															
5. FREQUENCY AND TYPE UTILIZATION Reservist - 3 weekends/month 1 nights/week Full-Time Personnel - 5 days/week																		
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USNR, Base, Ogden, UT - 3.22 km ARNG, Armory, Ogden, UT - 3.22 km USAR, Center, Ogden, UT - 4.83 km USAF, Hill Air Force Base, UT - 40.23 km																		
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;">CATEGORY CODE</th> <th rowspan="2" style="text-align: left;">PROJECT TITLE</th> <th rowspan="2" style="text-align: left;">SCOPE</th> <th rowspan="2" style="text-align: left;">COST (\$000)</th> <th colspan="2" style="text-align: center;">(DESIGN STATUS)</th> </tr> <tr> <th style="text-align: left;">START</th> <th style="text-align: left;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td>171</td> <td>Add/Alt AR Center/OMS/Unh Strg</td> <td>5,077 m2 (54,645 sf)</td> <td>7,932</td> <td>01/03</td> <td>08/04</td> </tr> </tbody> </table>					CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)		START	COMPLETE	171	Add/Alt AR Center/OMS/Unh Strg	5,077 m2 (54,645 sf)	7,932	01/03	08/04
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)														
				START	COMPLETE													
171	Add/Alt AR Center/OMS/Unh Strg	5,077 m2 (54,645 sf)	7,932	01/03	08/04													
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the <u>22 Oct 2003</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.																		
9. LAND ACQUISITION REQUIRED None 0 (Number of Acres)																		
10. PROJECTS PLANNED IN NEXT FOUR YEARS None <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">FISCAL YEAR</th> <th style="text-align: left;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> </tbody> </table>					FISCAL YEAR	COST (\$000)												
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1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Feb 04			
3. INSTALLATION AND LOCATION AR Center, Ogden, UT			4. AREA CONSTR COST INDEX 1.04				
11. PERSONNEL STRENGTH AS OF: 30 Dec 2003							
	PERMANENT			GUARD/RES			
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZE	18	1	12	5	426	23	403
ACTUAL	20	3	13	4	358	18	340
12. RESERVE UNIT DATA							
ASGD/AUTH 84%							
				STRENGTH			
UNIT DESIGNATION	AUTHORIZED		ACTUAL				
321 EN BN CMBT CO C	99		117				
146TH TRANS CO	166		64				
172D MED BN, LOG SUP	117		120				
172D MED BN, HHD	44		57				
Totals	426		358				
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE	AUTHORIZED		ACTUAL				
Wheeled Vehicles	120		123				
Trailers	56		101				
Tracked Vehicles	15		17				
Totals	191		241				
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES							
	(\$000)						
Air Pollution	0						
Water Pollution	0						
Safety and Occupational Health	0						

1. COMPONENT AR		FY 2005 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 04	
3. INSTALLATION AND LOCATION AR Center Ogden, UT			4. PROJECT TITLE Add/Alt AR Center/OMS/Unh Strg			
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 05-11263		8. PROJECT COST (\$000) 7,932	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITIES:</u>					<u>5597</u>	
Tng Bldg Addition (15,917 sf)		m2	1,479	1,481.44	(	2191)
Tng Bldg Alteration (30,686 sf)		m2	2,851	838.29	(	2390)
Maint Bldg Alteration (5,904 sf)		m2	548	1,170.68	(	643)
Unheated Storage (2,138 sf)		m2	199	1,027.63	(	205)
Building Information Systems		LS	-	-	(	111)
Antiterrorism/Force Protection		LS	-	-	(	57)
<u>SUPPORTING FACILITIES:</u>					<u>1549</u>	
Site Improvement		LS	-	-	(	976)
Information Systems		LS	-	-	(	74)
Paving (7,239 sy)		m2	6,054	44.85	(	272)
Washrack/OWS/Loading Ramp		LS	-	-	(	208)
Antiterrorism/Force Protection		LS	-	-	(	19)
TOTAL CONSTRUCTION COST					7146	
Contingencies (5.0%)					358	
Supervision and Administration (5.7%)					428	
TOTAL PROJECT COST					7932	
Equipment Funded Other Appropriations				(Non-Add)	(	1875)
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>Renovate the existing Army Reserve Center (ARC), construct new addition, renovate the existing Organizational Maintenance Shop (OMS), and construct an unheated storage building at the Browning AR Center in Ogden, Utah. The addition will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, HVAC systems, electrical systems, and security systems (fire alarm connected via radio and intrusion alarms). In addition, the ARC will be equipped with smoke/fire detection and sprinkler systems. Supporting facilities will include a Military Equipment Park (MEP), site preparation, site improvements, and extension of utilities to serve the project. Antiterrorism (physical security) measures will be incorporated into the design to allow for maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distances cannot be maintained. Air conditioning: 410 kw/117 tons.</p>						

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04
3. INSTALLATION AND LOCATION AR Center Ogden, UT		
4. PROJECT TITLE Add/Alt AR Center/OMS/Unh Strg		5. PROJECT NUMBER CAR 05-11263
<p>11. REQUIREMENT: 5,077 m2 Adequate: 3,399 m2 Substandard: 1,903 m2</p> <p>PROJECT: Construct an addition/alteration to an ARC, OMS, and construct an unheated storage building. (Current Mission)</p> <p>REQUIREMENT: This project will provide adequate training facilities for a corps (combat) engineer company, a medical logistics battalion, and a transportation company. The project will provide required administrative, classroom, library, learning center, kitchen, arms vault, unit and individual equipment storage, and assembly areas. Support areas include upgrade of the MEP and privately owned vehicle (POV) parking areas, vehicle wash racks, antiterrorism/physical security measures, and landscaping.</p> <p>CURRENT SITUATION: Borgstrom Hall ARC, Ogden, UT is a government owned facility on leased land. Land lease will expire in 2006 and will not be renewed. Soldiers from Borgstrom Hall ARC are scheduled for relocation to Browning ARC, Ogden, UT. Bona fide space requirements cannot be accommodated at Browning ARC due to lack of space associated with consolidation effort. The facility does not meet minimal functional and operational requirements to support the current mission for two companies and a battalion headquarters. Two of the units have force support package missions. There are critical shortages in every category of space in this facility (training, administrative, maintenance and storage). The Browning ARC location provides the best site for stationing these units. Upon completion of this project, Borgstrom Hall ARC (20,481 square feet) will become excess and will be removed from Army inventory.</p> <p>IMPACT IF NOT PROVIDED: AR personnel will continue occupying overcrowded facilities, with a poor training/working environment, significantly impacting upon unit readiness, retention, and morale. AR units cannot perform proper training or administrative support to standards. Unit readiness and mobilization capabilities will be significantly reduced because of training conducted in the undersized, inadequate and inefficient facilities.</p> <p>ADDITIONAL: This project has been coordinated with the installation Physical Security Plan and all required physical security measures are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimate based on Modular Design System project engineering. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>		

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04																				
3. INSTALLATION AND LOCATION AR Center Ogden, UT																						
4. PROJECT TITLE Add/Alt AR Center/OMS/Unh Strg		5. PROJECT NUMBER CAR 05-11263																				
11. REQUIREMENT (CONT) JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and housing) certifies that this project was considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.																						
12. SUPPLEMENTAL DATA <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>01/03</u></p> <p>(b) Percent Complete as of January 2004..... <u>50%</u></p> <p>(c) Date Design 35% Complete..... <u>08/03</u></p> <p>(d) Date Design Complete..... <u>08/04</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost.. <u>Yes</u></p> <p>(f) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(g) Type of Design Contract..... <u>Design - Bid - Build</u></p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design..... <u>No</u></p> <p>(b) Where Design Was Most Recently Used..... <u>N/A</u></p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>588</u></p> <p>(b) All Other Design Costs..... <u>252</u></p> <p>(c) Total..... <u>840</u></p> <p>(d) Contract..... <u>672</u></p> <p>(e) In-house..... <u>168</u></p> <p>(4) Construction Award..... <u>12/04</u></p> <p>(5) Construction Start..... <u>01/05</u></p> <p>(6) Construction Completion..... <u>07/06</u></p> <p>b. Equipment associated with this project which will be provided from other appropriations:</p> <table border="1" data-bbox="231 1564 1332 1813"> <thead> <tr> <th data-bbox="231 1595 510 1667">Equipment Nomenclature</th> <th data-bbox="510 1595 766 1667">Procuring Appropriation</th> <th data-bbox="766 1564 1101 1667">Fiscal Year Appropriated or Requested</th> <th data-bbox="1101 1595 1332 1667">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td data-bbox="231 1678 510 1709">IT Equipment</td> <td data-bbox="510 1678 766 1709">OMAR</td> <td data-bbox="766 1678 1101 1709">2006</td> <td data-bbox="1101 1678 1332 1709">148</td> </tr> <tr> <td data-bbox="231 1709 510 1740">IT Equip/Dehumidif</td> <td data-bbox="510 1709 766 1740">OMAR</td> <td data-bbox="766 1709 1101 1740">2005</td> <td data-bbox="1101 1709 1332 1740">249</td> </tr> <tr> <td data-bbox="231 1740 510 1771">Shelving/Caging</td> <td data-bbox="510 1740 766 1771">OMAR</td> <td data-bbox="766 1740 1101 1771">2005</td> <td data-bbox="1101 1740 1332 1771">547</td> </tr> <tr> <td data-bbox="231 1771 510 1802">Lockers/Fitness Eq</td> <td data-bbox="510 1771 766 1802">OMAR</td> <td data-bbox="766 1771 1101 1802">2005</td> <td data-bbox="1101 1771 1332 1802">88</td> </tr> </tbody> </table>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)	IT Equipment	OMAR	2006	148	IT Equip/Dehumidif	OMAR	2005	249	Shelving/Caging	OMAR	2005	547	Lockers/Fitness Eq	OMAR	2005	88
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1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04	
3. INSTALLATION AND LOCATION AR Center Ogden, UT			
4. PROJECT TITLE Add/Alt AR Center/OMS/Unh Strg		5. PROJECT NUMBER CAR 05-11263	
12. SUPPLEMENTAL DATA (CONT)			
Furniture	OMAR	2006	593
Kitchen Equipment	OMAR	2005	250
Total:			1875
Point of Contact:		Mr. Sugimura, 703-601-3418	

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 04															
3. INSTALLATION AND LOCATION AFR Center, Vancouver, WA			4. AREA CONSTR COST INDEX 1.07															
5. FREQUENCY AND TYPE UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																		
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG, Armory, Vancouver, WA - 1.61 km USAR, Center, Vancouver, WA - 1.61 km USAR, Center, Portland, WA - 12.87 km ARNG, Armory, Camus, WA - 16.09 km USAR, Center, Portland, WA - 16.09 km																		
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" data-bbox="300 803 1378 922"> <thead> <tr> <th rowspan="2">CATEGORY CODE</th> <th rowspan="2">PROJECT TITLE</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST (\$000)</th> <th colspan="2">(DESIGN STATUS)</th> </tr> <tr> <th>START</th> <th>COMPLETE</th> </tr> </thead> <tbody> <tr> <td>911</td> <td>Land Acquisition</td> <td>101,172 m2 (25 acres)</td> <td>2,500</td> <td>N/A</td> <td>N/A</td> </tr> </tbody> </table>					CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)		START	COMPLETE	911	Land Acquisition	101,172 m2 (25 acres)	2,500	N/A	N/A
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)														
				START	COMPLETE													
911	Land Acquisition	101,172 m2 (25 acres)	2,500	N/A	N/A													
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the <u>22 May 2003</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends joint construction.																		
9. LAND ACQUISITION REQUIRED FEE / TRANSFER <div style="text-align: right;">25 <u>(Number of Acres)</u></div>																		
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" data-bbox="300 1377 1378 1522"> <thead> <tr> <th></th> <th>FISCAL YEAR</th> <th>COST (\$000)</th> </tr> </thead> <tbody> <tr> <td>AFRC</td> <td>2006</td> <td>22,887</td> </tr> </tbody> </table>						FISCAL YEAR	COST (\$000)	AFRC	2006	22,887								
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1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Feb 04			
3. INSTALLATION AND LOCATION AFR Center, Vancouver, WA				4. AREA CONSTR COST INDEX 1.07			
11. PERSONNEL STRENGTH AS OF: 30 Dec 2003							
	PERMANENT			GUARD/RES			
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZE	68	13	28	27	1106	250	856
ACTUAL	74	13	32	29	1071	240	831
12. RESERVE UNIT DATA							
ASGD/AUTH 97%							
	STRENGTH						
UNIT DESIGNATION	AUTHORIZED	ACTUAL					
HHC DIV (IT)	151	167					
104 DIV 1 BDE HHD AUG	50	42					
AUG DET (ENGR SCH)	45	45					
AUG 1 BN CMT/LOG	111	99					
DET 1 (CO C, D)	95	89					
790TH CHEMICAL CO	39	33					
DET 1, HHB, 2/146 FA (SP)	110	86					
CO A 19TH SPEC FORCES GP	24	20					
104 DIV BAND	41	35					
396TH CBT SUP HOSP (HUB)	420	436					
915TH MED TM FWD SURGICAL	20	19					
Totals	1,106	1,071					
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE	AUTHORIZED	ACTUAL					
Wheeled Vehicles	46	64					
Trailers	19	31					
Totals	65	95					
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES							
	(\$000)						
Air Pollution	0						
Water Pollution	0						
Safety and Occupational Health	0						

1. COMPONENT AR		FY 2005 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 04	
3. INSTALLATION AND LOCATION AFRC Vancouver, WA			4. PROJECT TITLE Land Acquisition			
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 911	7. PROJECT NUMBER CAR 05-11498		8. PROJECT COST (\$000) 2,500	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITIES:</u>					2500	
Land Acquisition (25 acres)		m2	101,172	24.71	(	2500)
<u>SUPPORTING FACILITIES:</u>					0	
TOTAL CONSTRUCTION COST					2500	
Contingencies (0.0%)					0	
Supervision and Administration (0.0%)					0	
TOTAL PROJECT COST					2500	
Equipment Funded Other Appropriations				(Non-Add)	(	0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
Land acquisition will provide 101,172 square meters (25 acres) for the construction of a two-story 1000-member Armed Forces Reserve Center (AFRC), Organizational Maintenance Shop (OMS), Privately Owned Vehicle (POV) parking, and Military Equipment Park (MEP). Air Conditioning: 0 kw/0 tons.						
11. REQUIREMENT: 101,172 m2 Adequate: 0 m2 Substandard: 0 m2						
PROJECT: Acquire 101,172 square meters (25 acres) of land. (Current Mission)						
REQUIREMENT: This project will provide land to support a joint Army Reserve (AR) and Washington Army National Guard (WARNG) project programmed for construction in FY 06. The project will provide adequate training facilities for members of 9 AR units, and 3 WARNG units.						
CURRENT SITUATION: The AR and WANG units programmed for this project are currently housed in 32 separate buildings, both permanent and temporary consisting of 242,680 square feet, at the Vancouver Barracks enclave, a National Historic Preservation area. Many of the permanent facilities are historic structures which date back to 1905. These are very inefficient for units to occupy and costly to maintain/operate. Due to their historical status, they cannot be modified, only restored. Most of the temporary facilities are World War II wood structures that have exceeded						

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04								
3. INSTALLATION AND LOCATION AFRC Vancouver, WA										
4. PROJECT TITLE Land Acquisition		5. PROJECT NUMBER CAR 05-11498								
12. SUPPLEMENTAL DATA (CONT) b. Equipment associated with this project which will be provided from other appropriations: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; border-bottom: 1px solid black;"><u>Equipment Nomenclature</u></th> <th style="text-align: center; border-bottom: 1px solid black;"><u>Procuring Appropriation</u></th> <th style="text-align: center; border-bottom: 1px solid black;"><u>Fiscal Year Appropriated or Requested</u></th> <th style="text-align: center; border-bottom: 1px solid black;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td style="text-align: right;">Total:</td> <td style="text-align: right;">0</td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 20px;">Point of Contact: Mr. Sugimura, 703-601-3418</p>			<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated or Requested</u>	<u>Cost (\$000)</u>			Total:	0
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated or Requested</u>	<u>Cost (\$000)</u>							
		Total:	0							

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 04
3. INSTALLATION AND LOCATION Fort McCoy, WI		4. AREA CONSTR COST INDEX 1.16
11. PERSONNEL STRENGTH AS OF:		
	PERMANENT	GUARD/RES
	TOTAL OFFICER ENLISTED	TOTAL OFFICER ENLISTED
AUTHORIZE	0 0 0	0 0 0
ACTUAL	0 0 0	0 0 0
12. RESERVE UNIT DATA		
ASGD/AUTH 0%		
	STRENGTH	
UNIT DESIGNATION	AUTHORIZED	ACTUAL
Totals	0	0
Project is not strength dependent.		
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
Totals	0	0
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
	(\$000)	
Air Pollution	0	
Water Pollution	0	
Safety and Occupational Health	0	

1. COMPONENT AR		FY 2005 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 04	
3. INSTALLATION AND LOCATION Fort McCoy, WI				4. PROJECT TITLE Inf Plt Battle Course (Rg 29)		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 178	7. PROJECT NUMBER CAR 05-11451		8. PROJECT COST (\$000) 2,712	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITIES:</u>					<u>2276</u>	
Stationary Inf Tgt Empl		EA	31	8,938.00	(	278)
Moving Inf Tgt Empl		EA	14	13,987.0	(	196)
Stationary Armor Tgt Empl		EA	3	16,054.0	(	49)
Mortar Sim Device		EA	7	9,767.00	(	69)
Machine Obsv Bunker		EA	14	5,266.00	(	74)
Fighting Trench		EA	1	116,470.	(	117)
Assault Defend House		EA	1	46,582.0	(	47)
Power Ctr Empl		EA	4	4,528.00	(	19)
Downrange Electrical		LS	-	-	(	921)
Range Opns & Cntrl Area Sitework		LS	-	-	(	21)
After Action Rev Bldg(1152 SF)		m2	107	1,222.03	(	131)
Latrine,Dual Sex,w/water(364 SF)		m2	34	3,681.58	(	125)
Sound Effects Simulator		EA	14	9,000.00	(	126)
Covered Mess		m2	74	958.85	(	71)
Ammo Breakdown Bldg		m2	12	2,649.54	(	32)
<u>SUPPORTING FACILITIES:</u>					<u>166</u>	
Service Roads (9,090 sy)		m2	7,600	3.00	(	23)
Grading/Drainage/Clear & Grubb		LS	-	-	(	88)
Limit Markers		EA	2	6,278.00	(	13)
Electric Service		LS	-	-	(	42)
TOTAL CONSTRUCTION COST					2442	
Contingencies (5.0%)					123	
Supervision and Administration (5.7%)					147	
TOTAL PROJECT COST					2712	
Equipment Funded Other Appropriations				(Non-Add)	(	750)
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
Construct an Infantry Platoon Battle Course (IPBC) adjacent to existing Range 29, using standard range design modified to fit the existing Multi-Purpose Training Range (MPTR). The IPBC will provide target positions and training scenarios tailored for the geographic range location. Existing targets and support buildings for the adjacent MPTR will be integrated into the IPBC as appropriate. Construction within the range complex includes firing positions, target service roads, target						

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04				
3. INSTALLATION AND LOCATION Fort McCoy, WI						
4. PROJECT TITLE Inf Plt Battle Course (Rg 29)		5. PROJECT NUMBER CAR 05-11451				
10. DESCRIPTION OF PROPOSED CONSTRUCTION (CONT) maintenance trails, limit markers, lane markers, site improvements, earthwork, site drainage, erosion control and information systems. Additional support facilities include construction outside the perimeter of the range complex and consist of area and security lighting, parking, access road, storm drainage, information systems, and site improvements. Existing access roads and range flag pole for the MPTR are adequate for the IPBC range. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distance cannot be maintained. Air Conditioning: 0 kw/0 tons.						
<table border="0" style="width: 100%;"> <tr> <td style="width: 33%;">11. REQUIREMENT:</td> <td style="width: 33%;">227 m2</td> <td style="width: 33%;">Adequate: 0 m2</td> <td style="width: 33%;">Substandard: 0 m2</td> </tr> </table> <p>DESCRIPTION: Construct an IPBC. (Current Mission)</p> <p>REQUIREMENT: This project is required to accommodate the changes for a Light Infantry Brigade (Enhanced) and provide mounted and dismounted infantry platoons to conduct fire and movement exercises in offense, defense, and retrograde operations. The IPBC will allow for training and testing dismounted platoons on the skills necessary to conduct tactical movement techniques to detect, identify, engage and defeat stationary and moving infantry and armor targets in a tactical array.</p> <p>CURRENT SITUATION: Fort McCoy is a Total Force Training Center with a mission to enhance readiness by supporting training, serving as a power-projection platform for mobilization, providing installation management expertise, and providing selected services on and off post. Range 29 (MPTR) is the only facility that provides limited capacity to conduct this level training.</p> <p>IMPACT IF NOT PROVIDED: If this project is not provided, the current Fort McCoy Total Force Training Center cannot meet the requirements to provide infantry platoon level training for soldiers. Without the IPBC, units will be unable to train to the Army's current doctrinal and training standards. Units utilizing Fort McCoy will not be trained to standard platoon level operations tactics, techniques, and procedures that are currently written in Army doctrinal and training publications.</p> <p>ADDITIONAL: This project was coordinated with the Ft McCoy Installation Physical Security Plan and all required physical security measures are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement were explored during project development. This project is the most feasible option to meet the requirement. Parametric estimate based on Modular Design System project engineering. Sustainable principles will be integrated into the</p>			11. REQUIREMENT:	227 m2	Adequate: 0 m2	Substandard: 0 m2
11. REQUIREMENT:	227 m2	Adequate: 0 m2	Substandard: 0 m2			

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04	
3. INSTALLATION AND LOCATION Fort McCoy, WI			
4. PROJECT TITLE Inf Plt Battle Course (Rg 29)		5. PROJECT NUMBER CAR 05-11451	
11. REQUIREMENT (CONT) design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project was considered for joint use potential. The facility will be available for use by other components.			
12. SUPPLEMENTAL DATA			
a. Estimated design data:			
(1) Status:			
(a) Date Design Started.....		<u>01/03</u>	
(b) Percent Complete as of January 2004.....		<u>95%</u>	
(c) Date Design 35% Complete.....		<u>08/03</u>	
(d) Date Design Complete.....		<u>01/04</u>	
(e) Parametric Cost Estimating Used to Develop Cost..		<u>Yes</u>	
(f) An energy study and life cycle cost analysis will be documented during the final design.			
(g) Type of Design Contract.....		<u>Design - Bid - Build</u>	
(2) Basis:			
(a) Standard or Definitive Design.....		<u>No</u>	
(b) Where Design Was Most Recently Used.....		<u>N/A</u>	
(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)			
(a) Production of Plans and Specifications.....		<u>28</u>	
(b) All Other Design Costs.....		<u>111</u>	
(c) Total.....		<u>139</u>	
(d) Contract.....		<u>111</u>	
(e) In-house.....		<u>28</u>	
(4) Construction Award.....		<u>11/04</u>	
(5) Construction Start.....		<u>12/04</u>	
(6) Construction Completion.....		<u>12/05</u>	
b. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated or Requested</u>	<u>Cost (\$000)</u>
Targetry	OPA	2005	750
Total:			750
Point of Contact:		SGM Markey, 703-601-3417	

1. COMPONENT AR	FY 2005 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Feb 04															
3. INSTALLATION AND LOCATION Fort McCoy, WI				4. AREA CONSTR COST INDEX 1.16															
5. FREQUENCY AND TYPE UTILIZATION Reservist - 2 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																			
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG, Armory, Sparta, WI - 4.83 km ARNG, Armory, Tomah, WI - 22.53 km ARNG, Armory, Black River Falls, WI - 33.80 km																			
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1. COMPONENT AR		FY 2005 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 04			
3. INSTALLATION AND LOCATION Fort McCoy, WI				4. PROJECT TITLE Squad Defense Range				
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 178	7. PROJECT NUMBER CAR 05-11574		8. PROJECT COST (\$000) 1,248			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>								<u>976</u>
Stationary Inf Tgt Empl					EA	31	8,938.00	(278)
Two-Man Foxholes					EA	6	3,143.00	(19)
Downrange Electrical					LS	-	-	(169)
Range Opns & Cntrl Area Sitework					LS	-	-	(48)
Control Tower (259 sf)					m2	24	6,720.02	(162)
Opns/Stor Bldg (797 sf)					m2	74	1,008.04	(75)
Gen Instr Bldg (961 sf)					m2	89	1,092.97	(98)
Latrine,Dual Sex,w/water (364 sf)					m2	34	3,740.78	(127)
<u>SUPPORTING FACILITIES:</u>								<u>147</u>
Service Roads (2,046 sy)					m2	1,711	41.00	(71)
Grading & Drainage					LS	-	-	(17)
Clearing & Grubbing					LS	-	-	(6)
Limit Markers					EA	2	7,459.00	(15)
Security Barrier					LS	-	-	(1)
Electric Service					LS	-	-	(37)
TOTAL CONSTRUCTION COST								<u>1123</u>
Contingencies (5.0%)								57
Supervision and Administration (5.7%)								68
TOTAL PROJECT COST								<u>1248</u>
Equipment Funded Other Appropriations							(Non-Add)	(596)
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
Construct a Squad Defense Range (SDR) utilizing Standard Range Design. Primary facilities for construction of range complex include firing positions, target service roads, target maintenance trails, limit markers, lane markers, site improvement, earthwork, site drainage, erosion control, and information systems. The range will be powered by a generator with electrical connectivity from the Operations Control Tower. Supporting facilities include service roads, site preparation and improvement markers, security barrier and electric service to support project. Building systems include heating and ventilation provided by self-contained units in the General Instruction Buildings and Range Control Tower. Additional support facilities include construction outside the perimeter of the range complex consisting of range flagpole, area and security lighting, parking, access road, storm drainage, information								

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04
3. INSTALLATION AND LOCATION Fort McCoy, WI		
4. PROJECT TITLE Squad Defense Range	5. PROJECT NUMBER CAR 05-11574	
10. DESCRIPTION OF PROPOSED CONSTRUCTION (CONT) systems and site improvement. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distance cannot be maintained. Air Conditioning: 0 kw/0 tons.		
<p>11. REQUIREMENT: 6 lanes Adequate: 0 lanes Substandard: 5 lanes</p> <p>DESCRIPTION: Construct an SDR with Standard Small Arms Range Operations and Control Facility (SROCA). (Current Mission)</p> <p>REQUIREMENT: This project will provide a new SDR, overlaying existing Range 17, with six two-man foxholes and 31 stationary infantry targets, with standard small arms range operations and control facilities. The SDR will be used to train individuals and squads on employing mutually supporting fires from defensive positions against stationary targets. The SDR will provide simulated enemy engagement by direct fire systems in a tactically realistic battlefield for light infantryman or squad.</p> <p>CURRENT SITUATION: Fort McCoy is a Total Force Training Center with a mission to enhance readiness by supporting training, serving as a power-projection platform for mobilization, providing installation management expertise, and providing selected services on and off post. Currently Range 17 does not have the targets or support facilities to conduct standard squad defense live fire training.</p> <p>IMPACT IF NOT PROVIDED: If project is not provided, the current Fort McCoy Total Force Training Center cannot provide infantry squad defense training for soldiers training at Fort McCoy.</p> <p>ADDITIONAL: This project was coordinated with the Fort McCoy Installation physical security plan and all required physical security measures are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement were explored during project development. This project is the most feasible option to meet the requirement. Parametric estimate based on Modular Design System project engineering. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project was considered for joint use potential. The facility will be available for use by other components.</p>		
12. SUPPLEMENTAL DATA a. Estimated design data:		

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04												
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12. SUPPLEMENTAL DATA (CONT)														
<p>(1) Status:</p> <p>(a) Date Design Started..... <u>01/03</u></p> <p>(b) Percent Complete as of January 2004..... <u>65%</u></p> <p>(c) Date Design 35% Complete..... <u>07/03</u></p> <p>(d) Date Design Complete..... <u>07/04</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost.. <u>Yes</u></p> <p>(f) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(g) Type of Design Contract..... <u>Design - Bid - Build</u></p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design..... <u>No</u></p> <p>(b) Where Design Was Most Recently Used..... <u>N/A</u></p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>60</u></p> <p>(b) All Other Design Costs..... <u>40</u></p> <p>(c) Total..... <u>100</u></p> <p>(d) Contract..... <u>70</u></p> <p>(e) In-house..... <u>30</u></p> <p>(4) Construction Award..... <u>11/04</u></p> <p>(5) Construction Start..... <u>12/04</u></p> <p>(6) Construction Completion..... <u>10/05</u></p> <p>b. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width:100%; margin-left: 40px;"> <thead> <tr> <th style="text-align: left;">Equipment Nomenclature</th> <th style="text-align: left;">Procuring Appropriation</th> <th style="text-align: left;">Fiscal Year Appropriated or Requested</th> <th style="text-align: right;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Targets</td> <td>OPA</td> <td>2005</td> <td style="text-align: right;">596</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total:</td> <td style="text-align: right; border-top: 1px solid black;">596</td> </tr> </tbody> </table> <p style="margin-left: 100px;">Point of Contact: SGM Markey, 703-601-3417</p>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)	Targets	OPA	2005	596	Total:			596
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3. INSTALLATION AND LOCATION AR Center Aguadilla, PR				4. PROJECT TITLE AR Center/OMS/AMSA/Unh Strg		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 05-10807		8. PROJECT COST (\$000) 21,523	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
<u>PRIMARY FACILITIES:</u>						<u>14626</u>
Training Building (66,375 sf)				m2	6,166	1,763.67 (10876)
Maintenance Building (12,861 sf)				m2	1,195	2,347.83 (2806)
Unheated Storage (4,253 sf)				m2	395	1,347.32 (533)
Building Information Systems				LS	-	(266)
Antiterrorism/Force Protection				LS	-	(145)
<u>SUPPORTING FACILITIES:</u>						<u>4620</u>
Site Improvement				LS	-	(2341)
Information Systems				LS	-	(63)
Parking/Access Rd (22,511 sy)				m2	18,822	41.12 (774)
Site Demolition (20,902 sf)				m2	17,477	14.95 (262)
Demolition Building (161,290 sf)				m2	14,984	75.67 (1134)
Antiterrorism/Force Protection				LS	-	(46)
TOTAL CONSTRUCTION COST						19246
Contingencies (5.0%)						963
Supervision and Administration (6.5%)						1314
TOTAL PROJECT COST						21523
Equipment Funded Other Appropriations						(Non-Add) (2689)
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>Construct a 800-member Army Reserve Center (ARC), Organizational Maintenance Shop (OMS), Area Maintenance Support Activity (AMSA), and unheated storage buildings. The buildings will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frame, masonry veneer exterior walls, standing seam metal roof system, and complete mechanical and electrical systems. Supporting facilities include paving, lighting, and necessary site improvements. Provide zoned air conditioning with independent controls for the training center. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distance cannot be maintained. Air Conditioning: 205 kw/59 tons.</p>						
11. REQUIREMENT: 7,756 m2 Adequate: 0 m2 Substandard: 169,196 m2						
PROJECT: Construct a 800-member ARC, OMS, AMSA, and unheated storage						

1. COMPONENT AR	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 04
3. INSTALLATION AND LOCATION AR Center Aguadilla, PR		
4. PROJECT TITLE AR Center/OMS/AMSA/Unh Strg	5. PROJECT NUMBER CAR 05-10807	
<p>11. REQUIREMENT (CONT)</p> <p>buildings. (Current Mission)</p> <p>REQUIREMENT: This project will provide an 800-member training facility with administrative areas, classrooms, library, learning center, family support area, assembly hall, arms vault, kitchen, and unit storage for nine Army Reserve units. The OMS/AMSA will provide space for training to accomplish organizational maintenance and support unit missions. The unheated storage building will provide space to store equipment not requiring a controlled environment. The project will provide adequate parking space for Military Equipment Parking (MEP) and Privately Owned Vehicles (POV). In addition, the project will provide exterior security lighting and fencing for the entire site including the MEP. A separate fenced, covered, secure area inside the MEP for the operations and parking for a Central Office Communications Van will also be constructed.</p> <p>CURRENT SITUATION: One signal company, one quartermaster battalion, two quartermaster companies, and one ordnance company are currently assigned in two AR centers located in Aguadilla, Puerto Rico. The 60-member Aguadilla AR center (7,906 square feet) is a 1959 vintage complex consisting of two buildings, an ARC and an OMS. This overcrowded ARC (utilization rate of 298 percent) is an aging, substandard masonry structure with a bituminous roof. Additionally, the dense population, extreme traffic conditions and rapidly developing commercial sites pose increasingly difficult security risks to all soldiers and equipment. The OMS is a substandard metal building consisting of one maintenance bay and has a 174% utilization rate. This site will be exccessed upon completion of this project. The Ramey ARC (161,290 square feet) has a utilization rate of 119% for the training building and 205% for the OMS/AMSA. The existing training buildings and OMS/AMSA facilities are in the footprint of the new facility and will be demolished.</p> <p>IMPACT IF NOT PROVIDED: Conditions at these facilities will continue to degrade thus impacting unit morale, operations, training and quite possibly readiness. The Army will continue paying excessive sustainment maintenance and repair costs to keep the Ramey ARC in usable condition. Communications training will continue to be held at Fort Allen (about three hours driving time from the Aguadilla ARC).</p> <p>ADDITIONAL: This project has been coordinated with the Regional Readiness Command Physical Security Plan. All required physical security measures are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement were explored during project development. This project is the most feasible option to meet the requirement. Parametric estimate based on Modular Design System project engineering. Sustainable principles will be</p>		

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11. REQUIREMENT (CONT) integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project was considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.																						
12. SUPPLEMENTAL DATA a. Estimated design data: (1) Status: (a) Date Design Started..... <u>04/02</u> (b) Percent Complete as of January 2004..... <u>65%</u> (c) Date Design 35% Complete..... <u>07/03</u> (d) Date Design Complete..... <u>08/04</u> (e) Parametric Cost Estimating Used to Develop Cost.. <u>Yes</u> (f) An energy study and life cycle cost analysis will be documented during the final design. (g) Type of Design Contract..... <u>Design - Bid - Build</u> (2) Basis: (a) Standard or Definitive Design..... <u>No</u> (b) Where Design Was Most Recently Used..... <u>N/A</u> (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000) (a) Production of Plans and Specifications..... <u>1356</u> (b) All Other Design Costs..... <u>581</u> (c) Total..... <u>1937</u> (d) Contract..... <u>1550</u> (e) In-house..... <u>387</u> (4) Construction Award..... <u>11/04</u> (5) Construction Start..... <u>12/04</u> (6) Construction Completion..... <u>12/06</u> b. Equipment associated with this project which will be provided from other appropriations: <table border="1" data-bbox="236 1570 1324 1813"> <thead> <tr> <th data-bbox="236 1601 454 1663">Equipment Nomenclature</th> <th data-bbox="507 1601 762 1663">Procuring Appropriation</th> <th data-bbox="810 1570 1098 1663">Fiscal Year Appropriated or Requested</th> <th data-bbox="1225 1601 1324 1663">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td data-bbox="236 1684 454 1711">IT Equipment</td> <td data-bbox="507 1684 762 1711">OMAR</td> <td data-bbox="810 1684 1098 1711">2006</td> <td data-bbox="1225 1684 1324 1711">879</td> </tr> <tr> <td data-bbox="236 1715 454 1742">Dehumidifiers</td> <td data-bbox="507 1715 762 1742">OMAR</td> <td data-bbox="810 1715 1098 1742">2005</td> <td data-bbox="1225 1715 1324 1742">1</td> </tr> <tr> <td data-bbox="236 1746 454 1773">Metal lockers</td> <td data-bbox="507 1746 762 1773">OMAR</td> <td data-bbox="810 1746 1098 1773">2005</td> <td data-bbox="1225 1746 1324 1773">4</td> </tr> <tr> <td data-bbox="236 1777 454 1804">Shelving</td> <td data-bbox="507 1777 762 1804">OMAR</td> <td data-bbox="810 1777 1098 1804">2005</td> <td data-bbox="1225 1777 1324 1804">163</td> </tr> </tbody> </table>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)	IT Equipment	OMAR	2006	879	Dehumidifiers	OMAR	2005	1	Metal lockers	OMAR	2005	4	Shelving	OMAR	2005	163
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3. INSTALLATION AND LOCATION Worldwide Unspecified				4. PROJECT TITLE Unspecified Minor Construction			
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 999	7. PROJECT NUMBER N/A		8. PROJECT COST (\$000) 2923		
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
Unspecified Minor Construction				LS			2923
10. DESCRIPTION OF PROPOSED CONSTRUCTION							
<p>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.</p>							
11. REQUIREMENT:							
<p>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.</p> <p>CURRENT SITUATION: 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.</p> <p>Point of Contact: MAJ Quivey 703-601-3406</p>							

1. COMPONENT AR		FY 2005 MILITARY CONSTRUCTION PROJECT DATA			2. Date Feb 04	
3. INSTALLATION AND LOCATION Worldwide Unspecified			4. PROJECT TITLE Planning and Design			
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 999	7. PROJECT NUMBER N/A		8. PROJECT COST (\$000) 11225	
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
Planning and Design			LS			11225
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>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.</p>						
11. REQUIREMENT:						
<p>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 05 program; for advancement to final design of projects in FY 06; for initiation of design of projects in FY 07; and for initiation of preconcept design activities for projects in FY 08. 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.</p> <p>Point of Contact: MAJ Quivey 703-601-3406</p>						