# DEPARTMENT OF THE ARMY UNITED STATES ARMY RESERVE

FISCAL YEAR (FY) 2006/2007 BUDGET ESTIMATES

## **MILITARY CONSTRUCTION**



FY 2006 SUBMITTED TO CONGRESS FEBRUARY 2005

## TABLE OF CONTENTS

		Page
Table of Conter	nts	i
State List and	Summary Data	11-111
	Pollution Abatement ation Investment Program	iv
Future Year Def	fense Plan	v-viii
Section I - Bud	dget Appendix Extract	
Lar	nguage	1-1
Spe	ecial Considerations	I-2
Section II - In DD Forms 1390/1	nstallation and Project Justification Data 1391	
Maj	or Construction	II-1
Pla	anning and Design	II-78
Vne	specified Minor Construction	II-79

NO OBJECTION TO SECURITY RELEASE:

LTC DAVID QUIVEY, DAAR-PAB

## Department of the Army Military Construction, Army Reserve - FY 2006 Index of Locations (Dollars in Thousands)

	(Dollars in Thousands)				
State/ Country	Installation and Location  Project Title  Inside the United States	Auth of <u>Approp</u>	Approp Amount	New/ Current Mission	DD Form 1391 Page No.
California	Fort Hunter-Liggett Shoot-House/After Action Review Fac Urban Assault Course	1,700 <u>1,500</u>	1,700 1,500	c c	II-I II-6
	Subtotal	3,200	3,200		
Kansas	New Century AR Center/Organizational Maintenance Shop/ Area Maintenance Support Activity/Unheated Storage PH II	<u>6,376</u>	<u>6,376</u>	С	rr-11
	Subtotal	6,376	6,376		
New Jersey	Fort Dix Shoot-House/After Action Review Facility/ Breach Facility	1,569	<u>1,569</u>	С	II-16
	Subtotal	1,569	1,569		
Pennsylvania	Bellefonte AR Center/Organizational Maintenance Shop/Unheated Storage Erie	8,355	8,355	с	II-21
	AR Center/Organizational Maintenance Shop/Unheated Storage	<u>9,367</u>	9,367	c	11-27
	Subtotal	17,722	17,722		
South Carolina	Greenville AR Center/Organizational Maintenance Shop/Area Maintenance Support Activity/ Unheated Storage	<u>15,524</u>	<u>15,524</u>	c	II-33
	Subtotal	15,524	15,524		
Texas	Grand Prairie	-	·		
	AR Center PH II	<u>5,685</u>	<u>5,685</u>	С	II-39
	Subtotal	5,685	5,685		
Wisconsin	Fort McCoy Modified Record Fire Range NCO Academy PH I Public Safety Center/Communications Tower Shoot-House/After Action Rev Facility/ Breach Facility	3,038 15,405 5,365 1,700	3,038 15,405 5,365	c c c	II-45 II-50 II-56
	Wausau AR Center/Organizational Maintenance	11 000	11 000	6	TT 62
	Shop/Unheated Storage	11,098	11,098	С	II-67
	Subtotal	36,606	36,606		

## Department of the Army Military Construction, Army Reserve - FY 2006 Index of Locations (Dollars in Thousands)

					DD Form
		Auth		New/	1391
State/	Installation and Location	of	Approp	Current	Page
Country	Project Title	Approp	Amount	Mission	No.
	Outside the United States				
Puerto Rico	Cp Santiago				
	Modified Record Fire Range	2,000	2,000	C	II-73
	Subtotal	2,000	2,000		
	Subtotal Major Construction	88,682	88,682		
Support	Planning and Design	14,416	14,416	NA	II-78
	Unspecified Minor Construction	2,979	2,979	NA	II-79
	Grand Total Authorization/TOA	106,077	106,077		
	Total New Mission	0	0		
	Total Current Mission	88,682	88,682		

## Department of the Army

## Military Construction, Army Reserve - FY 2006

## Index of Locations

## Air and Water Pollution Abatement Energy Conservation Investment Program (Dollars in Thousands)

DD Form
Auth 1391
State/ Installation and Location of Approp Page
Country Project Title Approp Amount No.

Air and Water Pollution Abatement

None

Energy Conservation Investment Program

None

Military Construction, Army Reserve Outyear Project Data

						:					Change From
Component		Appropriation	Installation	Location	Project Title	Category	Flogram	Kission	Existing Footprint	Budgeted	Previous Submission
USAR	2006	2086	2086 Victorville	ฮ	Land Acquisttion	171	0532292A	0	٥	0	-1110
USAR	2006	208(	2086 Ft Hunter-Liggett	ಕ	Shoot-Rouse/AAR Fac	178	0532292A	¥	×	1700	1700
USAR	2006	2080	2086 Ft Hunter-Liggett	<b>ಕ</b>	Urban Assault Course	178	0532292A	*	*	1500	1500
USAR	2006	208(	2086 New Century	KS	ARC/OMS/AMSA/Unh Strg PH II	171	0532292A	×	×	6376	6376
USAR	2006	208	2086 Omaha	NE	Land Acquisition	171	0532292A	0	0	0	-3119
USAR	2006	2086	2086 Ft Dix	N.C.	Shoot-House/AAR Fac/Breach Fac	178	0532292A	×	z	1569	1569
USAR	2006	208	2086 Bellefonte	7.	ARC/OMS/Unh Strg	171	05322923	×	×	8355	8355
USAR	2006	2086	2086 Erie	PA	ARC/OMS/Unb Strg	171	0532292A	þ	×	9367	9367
USAR	2006	208	2086 Greenville	25	ARC/OMS/AMSA/Unh Strg	171	0502576A	þ	¥	15524	3540
USAR	2006	208	2086 Grand Prairie	X	ARC PR II	171	0532292A	þ	×	5685	-164
USAR	2006	2086	2086 Tacoma	¥	Pier Fac PH II	151	0532292A	<b>&gt;</b>	*	0	-7390
USAR	2006	2086	2086 Vancouver	ď.	ARC/OMS/AMSA/Unh Strg	171	0532292A	<b>&gt;</b> +	≯	0	-25722
USAR	2006	2086	2086 Ft McCoy	¥	Modified Record Fire Range	171	0532292A	¥	<b>&gt;</b>	3038	1608
USAR	2006	2086	2086 Ft McCoy	¥	NCO Academy PH I	171	0532292A	×	≯	15405	-2143
USAR	2006	2086	2086 Ft McCoy	¥	Public Safety Ctr/Commo Tower	730	0532292A	×	×	5365	912
USAR	2006	2086	2086 Ft McCoy	Į,	Shoot-House/AAR Fac/Breach Fac	178	0532292A	×	×	1700	1700
USAR	2006	2086	2086 Wausau	Į,	ARC/OMS/Unb Strg	171	0532292A	×	2	11098	11098
USAR	2006	2086	2086 Cp Santiago	22	Modified Record Fire Range	178	0532292A	<b>&gt;</b>	×	2000	2000
USAR	2006	2086	2086 Various	Zū	Unspecified	666	0532292A			2979	0
USAR	2006	2086	2086 Various	20	Planning and Design	666	0532292A			14416	2976
									Total	106077	13053
USAR	2007	2086	2086 Ft Hunter-Liggett	ฮ	Combat Pistol/MP Firearm Onel Crs	178	05322928	>	Þ	1138	86.
USAR	2007	2086	2086 Moreno Valley (March AFB)	ថ	AFRC/OMS/AMSA/Unh Stro	171	D532292A	>	; <b>&gt;</b>	33533	2 2 2 2
USAR	2007	2086		ర	ARC/ASF	171	05322938	• >	1 2	1	2000
USAR	2007	2086	2086 Honolulu	HI	ARC	171	05322928	• >	; 2	<b>&gt;</b> c	00#67-
USAR	2007	2086	2086 Granite City	11	ARC/OMS/AMSA/Unh Strg	171	05322923	• >-	<b>.</b> >	22626	12/21
USAR	2007	2086	2086 Baton Rouge	3	ARC/OMS/Unh Strg	171	0532292A	· >+	· >-	10068	10068
USAR	2007	2086	2086 Ft Devens	ğ	Urban Assault Course	178	0532292A	· >+	. 2	0001	0001
USAR	2002	2086	2086 Omaha	NE	ARC/OMS/AMSA/Unh Strg w/Land	171	0532292A	<b>&gt;</b>	; <b>&gt;</b> •	23610	3484
USAR	2007	2086	2086 Ft Dix	КJ	Add/Alt Ofer Education School	171	0532292A	×	×	10134	10134
USAR	2007	2086	2086 Morehead City	NC	Pier Face	151	0532292A	×	*	0	-12450
USAR	2007	2086	2086 Raleigh-Durham	Š	ARC/OMS/Unh Strg	171	0532292A	≯	<b>&gt;</b>	10744	505
USAR	2007	2086	2086 Bellefonte	23	ARC/OMS/Unh Strg	171	0532292A	×	>-	٥	-11720
USAR	2007	2086	2086 Stoux Falls	SD OS	AFRC/OMS/AMSA/Unh Strg w/Land	171	0532292A	×	>-	12641	12641
USAR	2007	2086	2086 Ft McCoy	WI	General Purpose Whse	442	0532292A	×	*	13700	13700
USAR	2007	2086	2086 Cp santiago	PR	Combat Fistol/MP Qual Crs	178	0532292A	×	z	1841	1841
USAR	2007	2086	2086 Various	20	Unspecified	666	0532292A			3042	0
USAR	2002	2086	2086 Various	nz	Planning and Design	666	0532292A			19509	6381
									Total	164080	10860
USAR	2008	2086	2086 Birmingham	7	Land Acculation	173	053220	c	c		•
USAR	2008	2086	2086 Garden Grove	đ	PALS AND/DEE + IN/PORT	1 .	40000000	,	<b>,</b>	0000	9
USAR	2008	2086	2086 Densey	1 8		111	4767760	н ;	H	158/1	60RT
	) ) •	)	104100	3	Wad Are Ake	7.7	0532292 <b>A</b>	×	<b>&gt;</b>	<b>&gt;</b>	-8156

Military Construction, Army Reserve Outyear Project Data

					;					Change From
			,	;	Pacillity	Program	Existing	Existing	Budgeted	Previous
FY 2008 Continued		UNDER CALLES CALLED CAL	100 1100	Froject Title	Category	Element	Mission	Zootprint	Amount	Submission
USAR	2008	2086 New Haven	ដ	Add/alt ARC/OMS	171	0532292A	×	>•	6678	6678
USAR	2008	2086 Baton Rouge	1	Add/alt ARC/OMS	171	0532292A	×	<b>,</b>	0	18228
USAR	2008	2086 Chicopee	Ø	Add/Alt AFRC/OMS	171	0532292A	×	<b>,</b>	0	-13666
USAR	2008	2086 Weldon Springs	Q	AFRC/OMS	171	0532292A	þ	>-	26797	-3357
USAR	2008	2086 Weldon Springs	O K	Modified Record Fire Range	178	0532292A	×	z	4479	4479
USAR	2008	2086 Camden	DM.	ARC/OMS	171	0532292A	<b>*</b>	þ	0	-2603
USAR	2008	2086 Ft Dix	NG	Combined Mat Fac PH I	214	0532292A	*	≯	16433	16433
USAR	2008	2086 Ft Dix	DM.	Ofc Educ Schl Clarms	171	0532292A	>	⊁	٥	-10134
USAR	2008	2086 Ft Totten	DN.	ARC/OMS PH I	171	0532292A	₩	>	16410	2695
USAR	2008	2086 Stour Falls	SD	ARC/OMS/AMSA	171	0532292A	H	þ	0	-11023
USAR	2008	2086 Austin	¥	AFRC/OMS/Unh Strg	171	0532292A	*	Þ	14451	14451
USAR	2008	2086 Tyler	T.	ARC/OKS	171	0532292A	>-	×	7687	431
USAR	2008	2086 Ft Lewis	KA.	AFRC/OMS	171	0532292A	þ	×	0	-24436
USAR	2008	2086 Renton	¥	ARC	171	0532292A	¥	*	8528	8528
USAR	2008	2086 Ft McCoy	IM	MCO Academy PH II	171	0532292A	×	×	22732	431
USAR	2008	2086 Ft McCoy	Ĭ	Range Upgrade	179	0532292A	×	×	٥	-1979
USAR	2008	2086 Menasha	Ĭ,	ARC/OMS	171	0532292A	×	×	10665	10665
USAR	2008	2086 Wausau	ķ	ARC/OMS	171	0532292A	×	×	٥	-10234
USAR	2008	2086 Caquas	20	ARC/OMS	171	0532292A	þ	25	23258	23258
USAR	2008	2086 Various	D2	Unapecified	999	0532292A			3489	383
USAR	2008	2086 Various	DZ	Planning and Design	566	0532292A			27103	14965
								Total	209577	11060
USAR	2009	2086 Birmingham	ĀĒ	Reserve Spt Chd HO PH I	171	05322928	>	Þ	200	000
USAR	2009	2086 Little Rock	375	Add/Alt APC/OMS/Dnh Stro	1	063030	. ;	: >	0 0	0 1
USAR	2009	2086 Ft Hunter-Liggett	ថ	ARTIC STREET	1 60 1 11 1 11	05322928	• >	. 2	/### T	14077
USAR	2009	2086 Ft Hunter-Liggett	ฮ	Multi-purpose Mach Gum Eng	1.38	0532292	• >	: 9	100	# F F F F F F F F F F F F F F F F F F F
USAR	2009	2086 Los Alemitos	5	AFRC/OKS/Unb Strg	13.	0532260	٠ >	<b>5</b> >	110	44.004
USAR	2009	2086 Pt Collins	ខ	ARC/OMS/Unh Strq	171	0532292A	. >-	• 2	1887	1307
USAR	2009	2086 Fairfield	5	Add/Alt ARC	171	0532292A	. >-	ī þ		1697
USAR	2009	2086 Pt Benning	5	ARC/OMS	171	0532292A	<b>,</b>	· 2	16384	.81
USAR	2009	2086 Hayden Lake	A	Add/Alt ARC	171	0532292A	þ	: <b>*</b>		- 5265
USAR	2009	2086 Jolist	11	Modified Record Fire Range	178	0532292A	×	×	2740	2740
USAR	2009	2086 New Century	KS.	Alt ARC	171	0532292A	×	*	٥	-11837
USAR	2009	2086 Wt Campbell	ŭ	ARC/OMS	171	0532292A	×	×	0	-8734
USAR.	2009	2086 Bedford	Ş	AFRC	171	0532292A	>-	×	0	-26230
USAR	2009	2086 Ft Devens	\$	Modified Record Fire Range	178	0532292A	×	×	1820	1820
USAR	2009	2086 Saint Joseph	\$	ARC/OMS/AMSA	171	0532292A	₩	¥	0	-10597
USAR	2009	2086 Arnold	9	ARC/OMS	171	0532292A	¥	*	13105	183
USAR	2009	2086 Gulfport	XS	Strg Complex PH II	441	0532292A	×	×	0	-13116
USAR	2009	2086 North Platte	N	ARC/OMS/AMSA/Unh Strg	171	0532292A	×	≯	5157	5157
USAR	2009	2086 Ft Dix	ŊĊ	Barracks Upg PH I	721	0532292A	×	×	6883	6883
USAR	2009	2086 Ft Dix	N.C.	Modified Record Fire Range	178	0532292N	*	<b>}-</b> 1	2634	2634
USAR	2009	2086 Ft Dix	D X	MOUT Complex PH I	179	0532292A	×	z	0	-12765
USAR	2009	2086 Ft Dix	NG	Strg Complex PH I	441	0532292A	×	23	0	-13106

Military Construction, Army Reserve Outyear Project Data

											Change From
	T COSTA					Facillity	Program	Existing	Existing	Budgeted	Previous
FY 2009 Continued	rear	Appropriation	THECATTACTOR	Locacion	Project Title	Category	Element	Mission	Footprint	Amount	Submission
USAR	2009	208	2086 Ft Drum	ķ	AFRC/OMS/Unh Strg	171	0532292A	<b>&gt;</b>	×	8343	8343
USAR	2009	208	2086 Ft Totten	KN.	ARC Phase II	171	0532292A	×	×	٥	-27198
USAR	2009	208(	2086 Shoreham	W	OMS	241	0532292A	<b>&gt;</b>	×	2636	2636
USAR	2009	208	2086 Uniondale	ž,	Add/Alt ARC	171	0532292A	þ	<b>&gt;</b>	0	-11608
USAR	2009	208	2086 Wilmington	NC	Add/Alt AFRC/OMS/Unh Strg	171	0532292A	*	<b>&gt;</b> 4	8893	8893
USAR	2009	208(	2086 Beaver Falls	ΡA	ARC/OMS/Dah Strg	171	0532292A	×	×	7228	183
USAR	2009	208	2086 Bristol	¥Α	Add/alt ARC/OMS	171	0532292A	×	×	0	-27734
USAR	2009	208(	2086 Letterkenny	₽¥	Modified Record Fire Range	178	0532292A	<b>&gt;</b>	×	1740	1740
USAR	2009	2086	2086 Screnton	44	AFRC/OMS/Unb Strg	171	0532292A	¥	×	37535	37535
USAR	2009	2086	2086 Bristol	II.	Add/Alt ARC	171	0532292A	×	×	٥	-6309
USAR	2009	2080	2086 Alice	T.	ARC/OMS/Unh Strg	171	0532292A	×	×	6365	6365
USAR	2009	2086	2086 Corpus Christi	¥	Strg Complex PH I	441	0532292A	*	×	0	-13106
USAR	2009	2086	2086 Ft Bliss	T.	Equat Conc Site	21.4	0532292A	þ	þ	0	-16225
USAR	2009	2086	2086 Marshall	Ħ	ARC/OMS/Unh Strg	171	0532292A	×	<b>&gt;</b>	0	-4829
USAR	2009	2086	2086 Sinton	Ħ	ARC/OMS/Unh Strg	171	0532292A	¥	×	6037	6037
USAR	2009	208	2086 Spokane	WA	Add/Alt ARC/OMS/Unh Strg	171	0532292A	×	¥	14683	14683
USAR	2009	208	2086 Tacoma	æ	Add/alt arc	171	0532292A	×	>	•	-8038
USAR	2009	2086	2086 Renton	ĸy	ARC	171	0532292A	þ	<b>&gt;</b>	•	-7342
USAR	2009	2086	2086 Yakima	WA	Add/Alt AFRC/OMS/Unh Strg	171	0532292A	*	×	5973	5973
USAR	2009	2086	2086 Eau Claire	붗	ARC/OMS/AMSA	171	0532292A	×	>-	0	-13121
USAR	2009	2086	2086 Ft McCoy	I.M.	Central Issue Facility	441	0532292A	¥	×	4528	4528
USAR	2009	2086	2086 Ft McCoy	I,	Range Utility Upgrade	171	0532292 <b>A</b>	≯	>-	¢	-3866
USAR	2009	2086	2086 Ft McCoy	ΙM	Range Upgrades	179	0532292A	×	×	o	-1950
USAR	2009	2086	2086 Ft McCoy	H.	NIS Med Clarm Fac	171	0532292 <b>A</b>	×	×	7815	7815
USAR	2003	2086	2086 Ft McCoy	I.w.	Qualification Trng Rng	178	0532292A	þ	¥	4240	4240
USAR	2009	208	2086 Menasha	MI	A.R.C./OMS	171	0532292A	×	×	0	-13171
USAR	2009	2086	2086 Вауалоп	of de	ARC/OMS/Unh Strg	171	0532292A	¥	×	16508	16508
USAR	2009	2086	2086 Puerto Muevo	M.	Add/Alt ARC/OMS/Unb Strg	171	0532292A	×	₩	16380	16380
USAR	2009	2086	2086 Various Locations	Zū	Unspecified	666	0532292A			3371	200
USAR	2009	2086	2086 Various Locations	ńz	Planning and Design	666	0532292A			25027	12633
									Total	325298	12935
USAR	2010	2086	2086 Montgomery	77	ARC/OMS/Unh Strg	171	0532292A	×	×	4729	4729
USAR	2010	2086	2086 Middletown	ម	Add/Alt ARC/OMS/Unh Strg	171	0532292A	<b>&gt;</b> •	×	15731	15731
USAR	2010	2086	2086 Hayden Lake	a	ARC/OMS/Unh Strg	171	0532292A	<b>)</b> 4	×	6433	6433
USAR	2010	2086	2086 Ft Campbell	Ž,	ARC/OKS	171	0532292A	<b>&gt;</b> -	>-	9471	147
USAR	2010	2096	2086 Bedford	XX	AFRC	171	0532292A	<b>,</b>	× 24	26230	26230
USAR	2010	2086	2086 Chicopes	ź	Add/Alt AFRC	171	0532292A	≯	>-	13386	13386
USAR	2010	2086	2086 Jackson	Ж	ARC/OMS/Unh Strg	171	0532292A	×	×	8591	1628
USAR	2010	2086	2086 St Joseph	NO.	ARC/OMS/AMSA	171	0532292A	*	þ	10965	10965
USAR	2010	2086	2086 Ft Leonard Wood	MO	APRC/OMS/Unb Strg	171	0532292A	<b>&gt;</b>	<b>&gt;</b>	4674	4674
USAR	2010	2086	2086 Kirksville	MO	ARC/OMS/Unh Strg	171	0532292A	<b>&gt;</b>	×	6416	6416
USAR	2010	2086	2086 Asheville	NC	ARC/OMS/Unh Strg	171	0532292A	>-	<b>&gt;</b> •	928	9584

Military Construction, Army Reserve Outyear Project Data

	Fiscal					11.00	į				Change From
Component		Appropriation	Installation	Total		Factiticy	rogram	xxisting.	Existing	Budgeted	Previous
FY 2010 Continued					D4111 AAA 744	KERSOEK K	1000012	M18510n	Footprint	Amount	Submigsion
USAR	2010	2086	2086 Freemont	MK	Add/Alt ARC/OMS/Unh Strg	171	0532292A	<b>&gt;</b>	×	ar ar	0 00
USAR	2010	2086	2086 Camden	NJ	Add/Alt ARC/OMS/Unh Strg	171	0532292A	<b>&gt;</b>	×	2948	2948
USAR	2010	2096	2086 Ft Dix	D.M.	ECS #27 Expansion	241	0532292A	<b>&gt;</b>	· >-	10052	1005
USAR	2010	2086	2086 Ft Tilden	Ž,	ARC/OMS/Unh Strg	171	0532292A	*	· '#	14195	14195
USAR	2010	2086	2086 Mattydale	ž	Add/Alt ARC/OMS/Unb Strg	171	0532292A	<b>&gt;</b>	<b>.</b> >	11008	90011
USAR	2010	2086	2086 Uniondale	MY	Add/Alt ARC	171	0532292A	· >•	• þ•	11976	92611
USAR	2010	2086	2086 Dayton	но	ARC/OMS/Unh Strg	171	0532292A	>-	25	8000	0008
USAR	2010	2086	2086 Manufield	ОН	ARC/OMS/Unh Strg	171	0532292A	<b>&gt;</b>	; <b>&gt;</b> +	5077	500
USAR	2010	2086	2086 Bloomsburg	¥4	ARC/OMS/Unb Strg	171	0532292A	þ	*	98.50	9889
USAR	2010	2086	2086 Letterkenny	¥4	ARC/OMS/AMSA/Unh Strg	171	0532292A	×	; <b>&gt;</b> +	13722	13722
USAR	2010	2086	2086 Barre	5	ARC/OMS/Unh Strg	171	0532292A	þ	· >+	5172	27.12
USAR	2010	2086	2086 Ft Lowis	жу	ARC/OMS	171	0532292A	þ	<b>2</b> 5	24804	24804
USAR	2010	2086	2086 Ellsworth	Ä	ARC/OMS/Unh Strg	171	0532292A	>-	2	7.00	7987
USAR	2010	2086	2086 Ft McCoy	Ĭ,	CACTE	179	0532292A	· >-	i 25	27500	27500
USAR	2010	2086	2086 Ft McCoy	¥	NCO Academy PH III	171	0532292A	×	<b>;</b> >-	7870	0494
USAR	2010	2086	2086 Weirton	ν	ARC/OMS/Unh Strg	171	0532292A	<b>&gt;</b> -	<b>&gt;</b>	9276	9276
USAR	2010	2086	2086 Ft Allen	PR	Add/Alt ARC/OMS/Unh Strg	171	05322928	þ	; <b>&gt;</b> -	12977	5/5/C
USAR	2010	2086	2086 Roosevelt Roads	PR	Add/Alt ARC/OMS/MEP	171	0532292A	· >+	· <b>&gt;</b>	1065	1050
USAR	2010	2086	2086 Various Locations	20	Unspecified					3634	4696
USAR	2010	2086	2086 Various Locations	Zū	Planning and Design						
										65067	55 G 57
									Total	343913	343913
USAR	2011	2086	2086 Cp Parks	5	AT Berradoks	161	0632230	>	>		
USAR	2011	2086	2086 Ft Hunter-Liggett	5	CACTE PR I	1 6	**********	٠,	- :	****	7770
USAR	2011	2086	2086 Victorville	ð	AND AND SDE FAC	; ;	*******	4 2	3 3	T##67	13441
USAR	2011	2086	2086 Ronolulu	H	ARC	1/1	0534494	м ‡	<b>z</b> ;	18271	18271
USAR	2011	2086	2086 Ft Ben Harrison		ARPC/OMS/Upb Stro		05525920	м ;	<b>z</b> ;	14397	14397
USAR	2011	2086	2086 Wordester	\$	a BC/Ows	1 .	#767750	» ;	» ;	12578	12578
USAR	2011	2086	2086 Gulfport	NGS.	Contrid Num Stra Complex BN 17	1 7 7	055249 <b>2A</b>	ы ;	>- ;	11155	11155
USAR	2011	2086	2086 Malstrom AFB	£.	ARC/OMS/Uph Stro		0257770 055770	4 2	4 :	0006	0006
USAR	2011	2086	2086 Ft Dix	181	CACTF	179	0532260	. >	<b>»</b> >	8 4 4 C C	84.00
USAR	2011	2096	2086 Ft Dix	N.C	Renovate Barracks (5431)	721	05322921	• >	s >	0/17	9/577
USAR	2011	2086	2086 Ft Dix		Renovate Barracks (5432)	721	0532292A	• >-	• >	0000	0000
USAR	2011	2086	2086 Ft Dix	NJ	Menovate MOS School Brks	721	0532292A	· >+	· þ-	00001	0000
USAR	2011	2086	2086 Columbus		ARC/OMS/Unb Strg	171	0532292A	>-	Þ	14902	14902
USAR	2011	2086	2086 Orangaburg	ည္သ	ARC/OMS	171	0532292A	×	<b>&gt;</b>	7995	7997
USAR	2011	2086	2086 Ellington Field	H.	AFRC/OMS/Unh Strg	171	0532292A	<b>&gt;</b> -	Z	41806	41806
USAR	2011	2086	2086 Ft Bliss		ECS/AMSA	441	0532292A	*	×	16133	16133
USAR	2011	2086	2086 Tacoma		add/alt arc	171	0532292A	≯	×	8714	8714
USAR	2011	2086	2086 Eau Claire	HH	ARC/OMS/AMSA	171	0532292A	<b>&gt;</b>	×	14159	14159
USAR	2011	2086	2086 Ft McCoy	•	AT/MOB Barracks	721	0532292A	þ	٠,	10636	10636
USAK	2011	2086	2086 Ft Buchanan	4	ARC/OMS/Unh Strg	171	0532292A	≽	×	3495	3495
USAR	1707	2086	2086 Various Locations	ΩZ	Onspecified					3699	3699
USAK	1102	2086	2086 Various Locations		Planning and Design					36038	36038
									Total	295935	295935

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 military construction Authorization Acts, (\$101,077,000) \$106,077,000 to remain available until September 30, (2009) 2010.

## MILITARY CONSTRUCTION, ARMY RESERVE

#### FY 2006

#### 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 2006 budget.

## Other Congressional - Planning and Design

House of Representatives Report 108-607: "California - Garden Grove: Army Reserve Center/Organizational Maintenance Shop/Unheated Storage. Of the amount provided for planning and design in this account, the Committee directs that not less than \$843,000 be made available for the design of this facility."

The Army Reserve will make available the funds to the Corps of Engineers to design an Army Reserve Center/Organizational Maintenance Shop/Unheated Storage facility at Garden Grove, California.

Senate Report 108-309: "Armed Forces Reserve Center, Houston, Texas - Of the funds provided for planning and design in this account, the Committee directs that \$3,278,000 be made available for the design of this facility."

The Army Reserve will make available the funds to the Corps of Engineers to design a joint Armed Forces Reserve Center/Battle Projection Center/Organizational Maintenance Shop/Unheated Storage facility in Houston, Texas.

SECTION II

	ARD AND RESE		2. DATE
	CONSTRUCTIO	<u> </u>	Feb 05
3. INSTALLATION AND LOCATION			4. AREA CONSTR COST INDEX
Fort Hunter Liggett, CA			1,27
5. FREQUENCY AND TYPE UTILIZATION			
Reservist -	3 weekends/mont	ch 2:	nights/week
Full-Time Personnel -	5 days/week		
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WIT			
ARNG, Armory, Dublin, CA - 8.05 USA, Base, Dublin, CA - 9.66 km	km		
AR, Center, Dublin, CA - 9.66 km	1		
, conser, castri, on 5.00 Am	•		
7. PROJECTS REQUESTED IN THIS PROGRAM			
CATEGORY CODE PROJECT TITLE		COST	(DESIGN STATUS)
178 Shoot-House/AAR Facil	SCOPE	(\$000) 52 m2 1,700	START COMPLE
170 Shoot house/AAN Paci	(3,77	.,	07/04 09/0
		· ·	
8. STATE RESERVE FORCES FACILITIES BOARD RECOMM		nod by the	17 Mar 2004
Facilities identified in item 6 k	have been exami	_	
Facilities identified in item 6   Joint Service Reserve Component	have been exami Facility Board	for possible	e (Date)
Facilities identified in item 6 l Joint Service Reserve Component joint use/expansion. The board r	have been exami Facility Board	for possible	e (Date)
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board reputed Acquisition REQUIRED	have been exami Facility Board	for possible	e <i>(Date)</i> uction.
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board report that the control of	have been exami Facility Board	for possible	e (Date)
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board report the LAND ACQUISITION REQUIRED None	have been exami Facility Board ecommends unila	for possibl	e (Date) uction. 0
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board report the LAND ACQUISITION REQUIRED None	have been exami Facility Board	for possible	e (Date) uction. 0
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board report to the board report of the board report	have been exami Facility Board ecommends unila  FISCAL YEAR 2007	COST (\$000)  1,138	e (Date) uction. 0
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board report of the board report	have been exami Facility Board ecommends unila  FISCAL YEAR 2007 2009	COST (\$000)  1,138 877	e (Date) uction.
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board report of the board report	have been exami Facility Board ecommends unila  FISCAL YEAR 2007	COST (\$000)  1,138	e (Date) uction.
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board report of the board report	have been exami Facility Board ecommends unila  FISCAL YEAR 2007 2009	COST (\$000)  1,138 877	e (Date) uction.
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board report to the board report of the board report	have been exami Facility Board ecommends unila  FISCAL YEAR 2007 2009	COST (\$000)  1,138 877	e (Date) uction.
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board resolved to the service of	have been exami Facility Board ecommends unila  FISCAL YEAR 2007 2009	COST (\$000)  1,138 877	e (Date) uction.
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board resolved LAND ACQUISITION REQUIRED None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  Combat Pistol/MP Qual Course Multipurpose Machinegun Range	have been exami Facility Board ecommends unila  FISCAL YEAR 2007 2009	COST (\$000)  1,138 877	e (Date) uction.
	have been exami Facility Board ecommends unila  FISCAL YEAR 2007 2009	COST (\$000)  1,138 877	e (Date) uction.
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board report to the board report of the board report	have been exami Facility Board ecommends unila  FISCAL YEAR 2007 2009	COST (\$000)  1,138 877	e (Date) uction.
Facilities identified in item 6 land Joint Service Reserve Component joint use/expansion. The board report of the board report	have been exami Facility Board ecommends unila  FISCAL YEAR 2007 2009	COST (\$000)  1,138 877	e (Date) uction.

1. COMPONENT AR				AND RESERV	E	2. DAT	
3. INSTALLATION AN	ID I OCATION	MILITAR	T CON	STRUCTION		Feb	05 A CONSTR
		CA			•		TINDEX
Fort Hunter							1.27
11. PERSONNEL STE	RENGTH AS OF	N/A					
		PERMAN	ENT		GUAR	D/RES	
	TOTAL		NLISTED	CIVILIAN	TOTAL C	FFICER	ENLISTED
AUTHORIZE		0	0		0	0	0
ACTUAL			0			0	0
12. RESERVE UNIT D	DATA	· · · · ·	<del></del>	<u></u>		· <u>-</u>	
	ASGD	/AUTH 0%		STR	ENGTH		
UNIT DESIG	NATION			AUTHORIZED	AC	TUAL	
Totals				0		0	
Project is r	ot strenc	jth depende	ent.				
13. MAJOR EQUIPME	NT AND AIRCRA	FT		· · · · · · · · · · · · · · · · · · ·	<del>.</del> <u></u> .	-	
TYPE				AUTHORIZED	AC*	ΓUAL	
Tracked Vehi	cles			0		0	
Totals				0		0	
14. OUTSTANDING P	OLLUTION AND :	SAFETY DEFICIEN	CIES	<del></del>			
Air Pollutio	nn				(\$000) 0		
Water Pollut					0		
Safety and C	ccupation	al Health			0		
					·		
					4		

1. COMPONENT	EV 2	006 MILITARY CONS	TDUCT	ION PPO IECT	CDATA	2. DATE
AR	1 1 2	JOO IIIILITAKI CONS	INOCI	IOI4 PROJECT	DAIA	Feb 05
3. INSTALLATION AND LOCATION 4. PROJECT TITLE					·	
Fort Hunter	Ligge	tt,CA		Shoot-Hous	e/AAR Fa	acility
5. PROGRAM ELEME	ENT	6. CATEGORY CODE	7. PROJI	ECT NUMBER	8. PROJEC	T COST (\$000)
0532292A	İ	178	CAR	06-11488	1,700	

9. COST ESTIMA	ATES			
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES:	1			1118
Shoot-House (1,700 sf)	m <sub>2</sub>	158	4,799.95	( 759)
Opns/Storage Bldg. (800 sf)	m2	75	1,800.05	'
Latrine, Dual Sex (120 sf)	m2	11	4,699.96	' '
AAR Building (1,152 sf)	m2	108	1,600.06	,
SUPPORTING FACILITIES:				413
Site Improvement	LS	-	_	( 220)
Telecommunications	LS	-	-	( 45)
Electrical Services	LS	_	_	( 78)
Service Roads	LS	_	_	( 70)
TOTAL CONSTRUCTION COST				1521
Contingencies (5.0%)				1531 77
Supervision and Administration (5.7%)				92
MOUNT DROTTED COOR				92
TOTAL PROJECT COST				1700
Equipment Funded Other Appropriations			(Non-Add)	( 848)

#### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a live fire Shoot-House and After Action Review (AAR)
Facility. The Shoot-House will allow soldiers to conduct live fire
training under simulated close combat conditions. The AAR Facility
will be divided into separate rooms to conduct simultaneous AAR's, a
master control room, and a storage/maintenance facility. AAR building
will have full audio-visual recording and replay capability. Supporting
facilities include all construction outside of the perimeter of the range
complex, which consists of constructing an entrance road, telecommunications
with fiber for the range complex systems, clearing, grubbing, grading,
drainage, electrical services, and parking. Air conditioning: 0 kw/0 tons.

11. REQUIREMENT: 352 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT: Construct a live fire Shoot-House and After Action Review (AAR) Building. (Current Mission)

REQUIREMENT: This project will provide a live fire Shoot-House for soldiers to gain proficiency in tasks associated with military operations on urbanized terrain. Soldiers must be trained in techniques to breach walls, windows, and doors. They will also learn

1. COMPONENT
AR

FY 2006 MILITARY CONSTRUCTION PROJECT DATA
Feb 05

3. INSTALLATION AND LOCATION
Fort Hunter Liggett, CA

4. PROJECT TITLE
Shoot-House/AAR Facility

5. PROJECT NUMBER
CAR 06-11488

#### 11. REQUIREMENT (CONT)

to employ mechanical, thermal, ballistic and explosive breaching procedures. The Shoot-House will have 360 degree and overhead live fire ballistic protection. There are 13 precision targets with a reconfiguration capability. A catwalk with a sloped ballistic barn roof allows for air circulation between roof and walls. The Shoot-House has four entrances with ballistic sliding doors.

CURRENT SITUATION: Fort Hunter Liggett does not have a facility to meet this training requirement.

IMPACT IF NOT PROVIDED: Units cannot train and test on the skills necessary to conduct individual and collective tasks of building clearing/occupying. They would not gain the necessary and critical skills needed to fight, survive, and win battles in an urban conflict.

ADDITIONAL: This project has been coordinated with the Fort Hunter Liggett 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 only feasible option to meet the requirement. Parametric estimates were used to develop project cost.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

#### 12. SUPPLEMENTAL DATA

- a. Estimated design data:
- (1)Status: Date Design Started...... 07/04 (b) Percent Complete as of January 2005..... (e) Parametric Cost Estimating Used to Develop Cost.. An energy study and life cycle cost analysis will be documented during the final design. Type of Design Contract..... Design - Bid - Build (g) (2) Basis: (a) Standard or Definitive Design..... No (b) Where Design Was Most Recently Used..... N/A Total Cost (c) = (a) + (b) or (d) + (e): (\$000)(a) Production of Plans and Specifications......

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

	<u> </u>		
1. COMPONENT	EV 2006 MILITARY C	ONSTRUCTION PROJECT DATA	2. DATE
AR	FY ZUUD MILLIAKT C	UNSTRUCTION PROJECT DATA	Feb 05
3. INSTALLATION AN	LOCATION		<b>L</b>
Fort Hunter	Liggett,CA		
4. PROJECT TITLE Shoot-House,	AAR Facility		5. PROJECT NUMBER CAR 06-11488
(5) Coi (6) Coi	Total	nanis project which will be pro	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
other ap	propriations:	Fiscal Year	
Equipme: Nomenclat			Cost (\$000)
Equipment a	Target OPA OMAR	2006	818
	OHAK	2007	50
	OMAK	Tota	
Point of Co			

1. COMPONENT	FY 2006 GUA	RD AND RESER	RVE	2. DATE
AR	MILITARY	CONSTRUCTIO	N	Feb 05
3. INSTALLATION AN	ND LOCATION			4. AREA CONSTR COST INDEX
Fort Hunter	Liggett, CA			1.27
5. FREQUENCY AND	TYPE UTILIZATION			1,0,
Reservist	_	3 weekends/mont	h 2r	nights/week
Full-Time Po			11 21	irgiics/week
rull-lime P	ersonnei -	5 days/week		
	UARD/RESERVE INSTALLATIONS WITI			
	y, Dublin, CA - 8.05 )	km		
	Dublin, CA - 9.66 km			
AR, Center,	Dublin, CA - 9.66 km			
7 PROJECTS REQU	ESTED IN THIS PROGRAM			
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS) START COMPLET
178	Urban Assault Cours	e 51	1 m2 1,500	
		(5,47	2 sf)	
Facilities :	FORCES FACILITIES BOARD RECOMM identified in item 6 k ce Reserve Component 1	nave been exami		
Facilities : Joint Servi	identified in item 6 h	nave been exami Facility Board	for possible	(Date)
Facilities : Joint Servi	identified in item 6 h ce Reserve Component b xpansion. The board re	nave been exami Facility Board	for possible	(Date)
Facilities : Joint Servi joint use/e:	identified in item 6 h ce Reserve Component b xpansion. The board re	nave been exami Facility Board	for possible	(Date)
Facilities : Joint Servi joint use/e	identified in item 6 h ce Reserve Component b xpansion. The board re	nave been exami Facility Board	for possible	(Date)
Facilities : Joint Servi joint use/e: 9. LAND ACQUISITIO	identified in item 6 h ce Reserve Component b xpansion. The board re	nave been exami Facility Board	for possible ceral constr	(Date) uction.
Facilities : Joint Servi joint use/e: 9. LAND ACQUISITIO None	identified in item 6 h ce Reserve Component I xpansion. The board re	FISCAL	for possible ceral constr	(Date) uction.
Facilities : Joint Servi joint use/e: JOINT	identified in item 6 h ce Reserve Component   xpansion. The board re NREQUIRED  NED IN NEXT FOUR YEARS  ol/MP Qual Course e Machinegun Range	nave been exami Facility Board ecommends unilat	COST (\$000)  1,138 877	(Date) uction.
Facilities : Joint Servi joint use/e: 9.LAND ACQUISITION None 10.PROJECTS PLAN Combat Pisto	identified in item 6 h ce Reserve Component   xpansion. The board re NREQUIRED	FISCAL YEAR 2007	COST (\$000)	(Date) uction.
Facilities : Joint Servi joint use/e: 9.LAND ACQUISITION None 10.PROJECTS PLAN Combat Pisto	identified in item 6 h ce Reserve Component   xpansion. The board re NREQUIRED  NED IN NEXT FOUR YEARS  ol/MP Qual Course e Machinegun Range	FISCAL YEAR 2007 2009	COST (\$000)  1,138 877	(Date) uction.
Facilities : Joint Servi joint use/e: 9.LAND ACQUISITION None 10.PROJECTS PLAN Combat Pisto	identified in item 6 h ce Reserve Component   xpansion. The board re NREQUIRED  NED IN NEXT FOUR YEARS  ol/MP Qual Course e Machinegun Range	FISCAL YEAR 2007 2009	COST (\$000)  1,138 877	(Date) uction.
Facilities Joint Servi joint use/e  9.LAND ACQUISITIO None  10.PROJECTS PLAN Combat Pisto Multipurpose	identified in item 6 h ce Reserve Component   xpansion. The board re NREQUIRED  NED IN NEXT FOUR YEARS  ol/MP Qual Course e Machinegun Range	FISCAL YEAR 2007 2009	COST (\$000) 1,138 877	(Date) uction.
Facilities : Joint Servi joint use/e: 9.LAND ACQUISITION None 10.PROJECTS PLAN Combat Pisto	identified in item 6 h ce Reserve Component   xpansion. The board re NREQUIRED  NED IN NEXT FOUR YEARS  ol/MP Qual Course e Machinegun Range	FISCAL YEAR 2007 2009	COST (\$000) 1,138 877	(Date) uction.
Facilities : Joint Servi joint use/e: 9.LAND ACQUISITION None 10.PROJECTS PLAN Combat Pisto	identified in item 6 h ce Reserve Component   xpansion. The board re NREQUIRED  NED IN NEXT FOUR YEARS  ol/MP Qual Course e Machinegun Range	FISCAL YEAR 2007 2009	COST (\$000) 1,138 877	(Date) uction.
Facilities : Joint Servi joint use/e: 9.LAND ACQUISITION None 10.PROJECTS PLAN Combat Pisto	identified in item 6 h ce Reserve Component   xpansion. The board re NREQUIRED  NED IN NEXT FOUR YEARS  ol/MP Qual Course e Machinegun Range	FISCAL YEAR 2007 2009	COST (\$000) 1,138 877	(Date) uction.

SRM Unfunded Requirements: \$2,110 M

1. COMPONENT AR				AND RESERV	E	2. DAT	
3. INSTALLATION AN	ND LOCATION	IVIILII	IKI CON	STRUCTION	<del></del> .	Feb 4 ARE	A CONSTR
Fort Hunter		CA					TINDEX
							1.27
11. PERSONNEL ST	KENGTH AS OF	N/A					
			ANENT			D/RES	
AUTHORIZE	TOTAL	OFFICER	ENLISTED	CIVILIAN		FFICER	ENLISTED
ACTUAL	0 .	0	0			0	0
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0	0	0	0	0
12. RESERVE UNIT I	DATA		· · · · ·		<del></del>		
	ASGD	AUTH (	<b>0</b> %	STR	ENGTH		
UNIT DESIG	SNATION			AUTHORIZED	AC	TUAL	
Totals				0		0	
Project is a	not streng	gth deper	ndent.				
13. MAJOR EQUIPME	ENT AND AIRCRA	AFT		<del></del>			
TYPE				AUTHORIZED	۸۵۰	TUAL	
				AUTHORIZED	AC	UAL	
Tracked Veh:	icles				_	0	
Totals				0		0	
14. OUTSTANDING P	OLLUTION AND	SAFETY DEFIC	IENCIES	· <del>- · · · ·</del>			
					(\$000)		
Air Pollutio	on				0		
Water Pollut					0		
Safety and (	Occupation	al Healt	.h		0		i

1. COMPONENT 2. DATE FY 2006 MILITARY CONSTRUCTION PROJECT DATA Feb 05 3. INSTALLATION AND LOCATION 4. PROJECT TITLE Fort Hunter Liggett, CA Urban Assault Course 6. CATEGORY CODE 7. PROJECT NUMBER 5. PROGRAM ELEMENT 8. PROJECT COST (\$000)

0532292A	178	CAR	06-1	1486	1,500		
	9. COST	ESTIMAT	E\$				
	ITEM		U/M	QUANTITY	UNIT COST		COST (\$000)
PRIMARY FACILITI	ES:					_	1028
_	Building (800 sf)		m2	75	1,506.95	(	112)
	n Trainer (829 sf)		m2	78	1		27)
	Ing Bld (3,843 sf)		m2 ·	358	1 -,	٠,	481)
Squad & Platoor Grenadier Gunne			EA	1	1 ,		40)
Underground Tra	_		EΑ	1	,	(	12)
Telecommunicati			EA	1	106,000.	(	106)
	,		LS	_	_	(	250)
SUPPORTING FACIL		ŀ	LS			-	323
Site Improvemen			LS	_	_	(	150)
Electric Hookup		1	LS	_	_	(	128)
raving, warks,	Curbs & Gutters		ъэ	_	_	(	45)
TOTAL CONSTRUCTI	ON COST					_	
Contingencies (	(5.0%)						1351
<b>-</b>	d Administration (5	5.7%)					68
_						_	81
TOTAL PROJECT CO	ST						1500
Equipment Funded	Other Appropriation	ons			(Non-Add)	(	342)

#### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct an Urban Assault Course (UAC) based on the most recent designs developed by the Combined Arms MOUT Task Force (CAMTF). This is a five station training facility consisting of an Individual/TeamTrainer, Squad/Platoon Trainer, Grenadier Gunnery Trainer, Offense/Defense House, and an Underground Trainer. While this facility is not designed as a live fire range, station 3 is designed to support the use of 40mm and 5.56mm service ammunition. This facility will include an operations/storage building. The purpose of the UAC facility is to train on collective tasks, tactics, techniques, and procedures on clearing a room, clearing a building, upper level entry, defending a building, and engaging targets. Air conditioning: 0 kw/0 tons

11. REQUIREMEN	T: 511	m2	Adequate:	0m2	Substandard: 0 m2
PROJECT: C	onstruct	an Urban	Assault Course	(UAC).	(Current Mission)

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AR	2000 MILITARY CONSTRUCTION PROJECT DATA	Feb 05
3. INSTALLATION A	ID LOCATION	· · · · · · · · · · · · · · · · · · ·
Fort Hunter	Liggett,CA	
4. PROJECT TITLE		5. PROJECT NUMBER
Urban Assau	lt Course	CAR 06-11486

#### 11. REQUIREMENT (CONT)

REQUIREMENT: This project will provide a facility for training Active Army, Army Reserve, Army National Guard, Air Force, Marines, Navy, and federal and local law enforcement agencies in tactics, techniques, and operations in an urban environment during simulated combat, peacekeeping, and civil disturbance conditions. The UAC will provide the facilities needed to perform this training required to meet interservice requirements, current doctrinal changes, and updates in urban operations.

CURRENT SITUATION: There are no facilities at Fort Hunter Liggett capable of supporting the urban operations training needs for the installation's customer base. The installation provides inactive duty training (IDT) and annual training (AT) support for National Guard and Army Reserve soldiers in the area.

IMPACT IF NOT PROVIDED: Units throughout the region will have to travel much longer distances to conduct the training that they are required to perform. The increase in travel time will greatly reduce the time available for actual training and in turn will reduce the level and amount of training for these units. This will effect the operational readiness at a time when more and more Army Reserve and National Guard units are being mobilized to conduct real world missions abroad.

ADDITIONAL: This project has been coordinated with the Fort Hunter Liggett 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 estimates were used to develop project cost.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

#### 12. SUPPLEMENTAL DATA

- a. Estimated design data:
  - (1) Status:
    - - Percent Complete as of January 2005................ 35%

	· · · · · · · · · · · · · · · · · · ·	
1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AR	FT 2000 WILLIART CONSTRUCTION PROJECT DATA	Feb 05
3. INSTALLATION AN	DLOCATION	
Fort Hunter	Liggett,CA	
4. PROJECT TITLE		5. PROJECT NUMBER
Urban Assau	lt Course	CAR 06-11486
40 CURRICHENTAL	DATA (CONT)	
12. SUPPLEMENTAL		Vaa
(e) (f)	· · · · · · · · · · · · · · · · · · ·	
<b>,</b> = ,	be documented during the final design.	MIII
(g)	*	3id - Build
• •	sis:	
(a)	•	
(b) (3) Tot	) Where Design Was Most Recently Used tal Cost (c) = (a) + (b) or (d) + (e) :	<u>N/Ã</u> (\$000)
(a)		
(b)		
(c)		
(d)		$\frac{173}{7}$
(e) (4) Cor	) In-house	$0$ $\frac{7}{01/06}$
• •	astruction Start	02/06
	nstruction Completion	
		<del></del>
b. Equipmen	t associated with this project which will be pro	ovided from
	propriations:	
	Fiscal Year	
Equipmen		Cost
Nomenclat	3 11 1	(\$000)
Targetry	OPA 2007	342
	Tota	31: 34Z
Point of Co	ntact: MAJ Nguyen, 703-601-1940	

	TV 2006 CHARD AND DECEDIT	T
1. COMPONENT AR	FY 2006 GUARD AND RESERVE	2. DATE Feb 05
3. INSTALLATION A	MILITARY CONSTRUCTION	4. AREA CONSTR
		COST INDEX
AR Center, No	ew Century, KS	0.95
5. FREQUENCY AN	D TYPE UTILIZATION	
Reservist	- 2 weekends/month 2 ni	ights/week
Full-Time P	ersonnel - 5 days/week	
	SUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS	
	Kansas City, KS - 4.83 km	
	y, Kansas City, KS - 9.66 km	
	y, Olathe, KS - 12.87 km	
AR, Center,	Olathe, KS - 14.48 km	
7. PROJECTS REQU	JESTED IN THIS PROGRAM	
CATEGORY CODE	PROJECT TITLE SCOPE (\$000)	(DESIGN STATUS) START COMPLETE
214 AR C	enter OMS/AMSA/Unh Strg Ph 2 1,784 m2 6,376	
	(19,186 sf)	,
	FORCES FACILITIES BOARD RECOMMENDATION	4 Oct 2004
	identified in item 6 have been examined by the 1	
	ce Reserve Component Facility Board for possible xpansion. The board recommendsunilateral constru	
joune doore	repart of the board recommends and taccial constitu	ction.
9. LAND ACQUISITION	ON RECHIRED	
None	M ACCOUNTED	0
		(Number of Acres)
10. PROJECTS PLA	NNED IN NEXT FOUR YEARS FISCAL COST YEAR (\$000)	
None		
wone		

3. INSTALLATION AND LOCATION  4. AREA COS	### AND LOCATION    New   Century   KS	1. COMPONENT				ND RESERVE		2. DAT	
AR Center, New Century, KS  11. PERSONNEL STRENGTH AS OF 14 OCT 2004    PERMANENT   GUARD/RES	COST INDEX		ID I OCATION	MILITAR	Y CONS	TRUCTION		_	
11. PERSONNEL STRENGTH AS OF 14 Oct 2004     2004     2004     2004     2004     2004     2004     2004     2004     2004     2004     2004     2004     2004     2004     2004     2004   2004   2004     2004   2004   2004     2004   2004     2004     2004     2004     2004     2004     2004     20	PERMANENT   GUARD/RES     TOTAL			wa.					
PERMANENT   CIVILIAN   TOTAL   OFFICER     AUTHORIZE   31	PERMANENT   GUARD/RES     TOTAL   OFFICER   ENLISTED   CIVILIAN   TOTAL   OFFICER   ENLISTED     31	AR Center, Ne	ew Century	y, KS					0.95
TOTAL   OFFICER   ENLISTED   CIVILIAN   TOTAL   OFFICER     AUTHORIZE   31   1   6   24   237   7     ACTUAL   32   0   7   25   177   6     TOTAL   ACTUAL   ASGD/AUTH   75%   STRENGTH     AUTHORIZED   AUTHORIZED   ACTUAL     TOTAL   ASGD/AUTH   75%   STRENGTH	TOTAL OFFICER   ENLISTED   CIVILIAN   TOTAL OFFICER   ENLISTED	11. PERSONNEL ST	RENGTH AS OF	14 Oct 200	)4				
TOTAL   OFFICER   ENLISTED   CIVILIAN   TOTAL   OFFICER     AUTHORIZE   31   1   6   24   237   7     ACTUAL   32   0   7   25   177   6     12. RESERVE UNIT DATA   ASGD/AUTH   75%   STRENGTH	TOTAL OFFICER   ENLISTED   CIVILIAN   TOTAL OFFICER   ENLISTED			20012				/	
AUTHORIZE 31 1 6 24 237 7 ACTUAL 32 0 7 25 177 6  12. RESERVE UNIT DATA  ASGD/AUTH 75% STRENGTH  UNIT DESIGNATION AUTHORIZED ACTUAL 129TH TRANS CO (-) (HET) 237 177 Totals 237 177  13. MAJOR EQUIPMENT AND AIRCRAFT  TYPE AUTHORIZED ACTUAL Wheeled Vehicles 155 93 Trailers 8 5 Tracked Vehicles 0 0 0 Totals 163 98  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000) Air Pollution (\$000)	31		TOTAL			CIVILIAN			ENLISTED
12. RESERVE UNIT DATA   ASGD/AUTH   75%   STRENGTH	ASGD/AUTH 75% STRENGTH  SIGNATION AUTHORIZED ACTUAL AS CO (-) (HET) 237 177  237 177  PMENT AND AIRCRAFT  AUTHORIZED ACTUAL  Chicles 155 93 8 5 Chicles 0 0 163 98  GPOLLUTION AND SAFETY DEFICIENCIES  (\$000) Cution 0 Cution 0	AUTHORIZE	<del></del>						
ASGD/AUTH 75% STRENGTH  UNIT DESIGNATION AUTHORIZED ACTUAL  129TH TRANS CO (-) (HET) 237 177  Totals 237 177  13. MAJOR EQUIPMENT AND AIRCRAFT  TYPE AUTHORIZED ACTUAL  Wheeled Vehicles 155 93  Trailers 8 5  Tracked Vehicles 0 0 0  Totals 163 98  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000)  Air Pollution (\$000)	ASGD/AUTH 75% STRENGTH    SIGNATION	ACTUAL	32	0	7	25	177	6	171
ASGD/AUTH 75% STRENGTH  UNIT DESIGNATION AUTHORIZED ACTUAL  129TH TRANS CO (-) (HET) 237 177  Totals 237 177  13. MAJOR EQUIPMENT AND AIRCRAFT  TYPE AUTHORIZED ACTUAL  Wheeled Vehicles 155 93  Trailers 8 5  Tracked Vehicles 0 0 0  Totals 163 98  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000)  Air Pollution (\$000)	ASGD/AUTH 75% STRENGTH    SIGNATION								
UNIT DESIGNATION AUTHORIZED ACTUAL 129TH TRANS CO (-) (HET) Totals 237 177  13. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED ACTUAL Wheeled Vehicles 155 93 Trailers 8 5 Tracked Vehicles 0 0 0 Totals 14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000) Air Pollution 0	SIGNATION   AUTHORIZED   ACTUAL	12. RESERVE UNIT		)/AUTH 75	9	STR	ENGTH		
129TH TRANS CO (-) (HET)	AUTHORIZED ACTUAL  PMENT AND AIRCRAFT  AUTHORIZED ACTUAL  Chicles 155 93 8 5 Chicles 0 0 163 98  G POLLUTION AND SAFETY DEFICIENCIES  (\$000) Cion 0 Cution 0	LINIT DESIG		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•				
Totals 237 177  13. MAJOR EQUIPMENT AND AIRCRAFT  TYPE AUTHORIZED ACTUAL  Wheeled Vehicles 155 93  Trailers 8 5  Tracked Vehicles 0 0  Totals 163 98  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000)  Air Pollution 0	### AUTHORIZED ACTUAL  Phicles 155 93  ### 8 5  Phicles 0 0  163 98  G POLLUTION AND SAFETY DEFICIENCIES  (\$000)  Lion 0  Lution 0			неті					
13. MAJOR EQUIPMENT AND AIRCRAFT  TYPE AUTHORIZED ACTUAL  Wheeled Vehicles 155 93  Trailers 8 5  Tracked Vehicles 0 0  Totals 163 98  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000)  Air Pollution 0	### AUTHORIZED ACTUAL  ###################################		00 ( ) (	11117					
TYPE         AUTHORIZED         ACTUAL           Wheeled Vehicles         155         93           Trailers         8         5           Tracked Vehicles         0         0           Totals         163         98           14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES         (\$000)           Air Pollution         0	AUTHORIZED ACTUAL  Shicles 155 93 8 5 8 15 9 163 98  G POLLUTION AND SAFETY DEFICIENCIES (\$000) 1100 0 1100 0 1100 0								
Wheeled Vehicles 155 93  Trailers 8 5  Tracked Vehicles 0 0  Totals 163 98  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000)  Air Pollution 0	### 155 93  ### 5  #### 98  #### 98  ####		ENT AND AIRCR	AFT					
Trailers 8 5  Tracked Vehicles 0 0  Totals 163 98  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000)  Air Pollution 0	## 155   55   64   64   65   65   65   65	TYPE				AUTHORIZED	AC	CTUAL	
Tracked Vehicles 0 0  Totals 163 98  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000)  Air Pollution 0	### 163 0 0 0 163 98    G POLLUTION AND SAFETY DEFICIENCIES	Wheeled Veh:	icles			155		93	
Totals 163 98  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000)  Air Pollution 0	G POLLUTION AND SAFETY DEFICIENCIES  (\$000)  tion  ution  0					8		5	
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000)  Air Pollution 0	G POLLUTION AND SAFETY DEFICIENCIES  (\$000)  tion 0  tution 0	Tracked Veh:	icles		_	0		0	
Air Pollution 0	(\$000) cion 0 cution 0	Totals				163		98	
Air Pollution 0	ution 0	14. OUTSTANDING F	POLLUTION AND	SAFETY DEFICIE	NCIES			•	
	ution 0						(\$000)		
water Pollution 0	· ·								
Cofatry and Oggunational Health	Occupational health			mal Baal+h					
safety and occupational health 0		sarety and (	occupatio	nar nearth			U		
						•			

1. COMPONENT	EV 20	2006 MILITARY CONSTRUCTION PROJECT DATA				2. DATE	
AR	F1 Z(					Feb 05	
3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
AR Center New Century,KS			AR Center OMS/AMSA/Unh Strg Ph 2				
5. PROGRAM ELEMI	ENT	6. CATEGORY CODE	7. PROJECT NUMBER 8		8. PROJEC	8. PROJECT COST (\$000)	
0532292A		214	CAR	06-11858	6,376		

9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITIES:				2914	
Maintenance Building (17,969 sf) Unheated Storage (1,217 sf) Building Information Systems Antiterrorism/Force Protection  SUPPORTING FACILITIES: Site Improvement Information Systems Paving POV/MEP/Roads (10,740 sy) Demo Buildings (84,786 sf) Antiterrorism/Force Protection	m2 LS LS LS us m2 LS	1,670 114 - - - 8,980 7,877	1,593.38 1,003.95 - - - - 54.60 192.03	( 114) ( 111) ( 29) <u>2630</u> ( 583) ( 15) ( 491)	
TOTAL CONSTRUCTION COST  Contingencies (5.0%) Supervision and Administration (5.7%) Design - Build (4.0%)  TOTAL PROJECT COST  Equipment Funded Other Appropriations			(Non-Add)	5544 278 332 222 6376	

#### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Phase two of a two phase project to construct an Organizational Maintenance Shop (OMS), Area Support Maintenance Activity (AMSA), and an unheated storage building. The new building will be permanent type 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 the design including maximum standoff distance from roads, parking areas, and vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distance cannot be maintained. Air conditioning: 140 kw/40 tons.

11. REQUIREMENT: 1,784 m2	Adequate:	0 m2	Substandard: 7,877 m2
---------------------------	-----------	------	-----------------------

1. COMPONENT
AR

FY 2006 MILITARY CONSTRUCTION PROJECT DATA
Feb 05

3. INSTALLATION AND LOCATION
AR Center
New Century, KS

4. PROJECT TITLE
AR Center OMS/AMSA/Unh Strg Ph 2

5. PROJECT NUMBER
CAR 06-11858

11. REQUIREMENT:

1,784 m2

Adequate:

0 m2

Substandard: 7,877 m2

PROJECT: Phase two of a two phase project to construct an OMS, AMSA, and an unheated storage building. (Current Mission)

REQUIREMENT: This project is required to provide adequate space for unit maintenance, and storage, including maintenance administrative office space, workbays, and tool and supply areas in support of training and improving the unit's mobilization readiness.

CURRENT SITUATION: A transportation company is currently located in an Aviation Support Facility, (84,786 sf), converted in 1994 to support an OMS mission. The present facility cannot support the demanding maintenance and parking requirements of the Transportation Company's Heavy Equipment Transporter (HET) system. Upon completion of this project the government-owned facilities will be demolished.

IMPACT IF NOT PROVIDED: Failure to provide a new OMS/AMSA will affect training, readiness, and continue to cause a safety hazard for assigned soldiers. Deteriorating storage, administrative, maintenance, and training space as described above adversely affects the units' ability to train for wartime tasks and impedes mobilization, planning, and training.

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 design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

### 12. SUPPLEMENTAL DATA

a. Estimated design data:

1. COMPONENT		2. DATE
AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	Feb 05
3. INSTALLATION A	ID LOCATION	
AR Center		
New Century	, KS	
4. PROJECT TITLE AR Center (	DMS/AMSA/Unh Strg Ph 2	5. PROJECT NUMBER CAR 06-11858
12. SUPPLEMENTAL	DATA (CONT)	
(1) S	tatus:	
( (	a) Date Design Started	
(1	Percent Complete as of January 2005	
· ·	Date Design 35% Complete	
·	d) Date Design Complete	
•	Parametric Cost Estimating Used to Develop	
(:	f) An energy study and life cycle cost analysi	s will
1.	be documented during the final design.	
-	g) Type of Design Contract <u>Des</u> asis:	<u>ign - Build</u>
• •	a) Standard or Definitive Design	No
,	b) Where Design Was Most Recently Used	
•	otal Cost (c) = (a) + (b) or (d) + (e) :	(\$000)
	n) Production of Plans and Specifications	
(1	All Other Design Costs	454
((	c) Total	
( <	d) Contract	397
•	e) In-house	
	onstruction Award	
	onstruction Start	
(6) Co	onstruction Completion	<u>08/07</u>
b. Equipmen	t associated with this project which will be pr	ovided from
other ap	propriations:	
	Fiscal Year	
Equipmen	nt Procuring Appropriated or	Cost
Nomenclat	ure Appropriation Requested	(\$000)
IT Equipmen	nt OMAR 2007	140
Furniture	OMAR 2007	70
Shelving	OMAR 2007	12
,	Tota	
	100.	al: 222
Point of Co	ntact: MAJ Nguyen, 703-601-1940	

1. COMPONENT	FY 2006 GUARD	AND RES	SERVE	2. DATE
AR	MILITARY CO	<b>NSTRUCT</b>	ION	Feb 05
3. INSTALLATION A	ND LOCATION			4. AREA CONSTR COST INDEX
Fort Dix, N	J			1.15
5. FREQUENCY AN	D TYPE UTILIZATION		1000	
Reservist	- 3 w	eekends/m	onth 2	nights/week
Full-Time F	Personnel - 5 d	ays/week		
6. OTHER ACTIVE.	GUARD/RESERVE INSTALLATIONS WITHIN 1	5 MILE RADIUS		
USAF, Base,	McGuire AFB, NJ - 1.6	1 km		
USA, Base,	Fort Monmouth, NJ - 88	.51 km		•
USN, Base,	Lakehurst, NJ - 32.19	km		
USNR, Cente	er, Willow Grove, NJ -	112.65 km		
7. PROJECTS REQU	JESTED IN THIS PROGRAM			
CATEGORY CODE	PROJECT TITLE	SCO	COST	
178	Shoot-House/AAR/Breach Fa		376 m2 1,5	
8 STATE RESERVE	FORCES FACILITIES BOARD RECOMMEND	ATION		
	identified in item 6 hav		mined by the	19 Mar 2004
	ce Reserve Component Fac			
	expansion. The board reco	_	-	
, , , , , , , , , , , , , , , , , , , ,	mpamorom, me seara reco		racorar combe	raderon.
9. LAND ACQUISITE	ON REQUIRED			
None				0
				(Number of Acres)
10. PROJECTS PLA	NNED IN NEXT FOUR YEARS	FISCAL	COST	
		YEAR		
	-	YEAR	(\$000)	
Add/Alt Off	icer Educ School Clssrms	YEAR 2007	10,134	
Add/Alt Off: Combined Ma:	icer Educ School Clssrms intenance Facility	2007 2008	(\$000) 10,134 16,433	
Add/Alt Off: Combined Ma: Barracks Upg	icer Educ School Clssrms	YEAR 2007	10,134	
Add/Alt Off: Combined Ma: Barracks Upg Modified Red	icer Educ School Clssrms intenance Facility grade/Classroom Ph II cord Fire Range	2007 2008 2009	(\$000) 10,134 16,433 6,883	
Add/Alt Off: Combined Ma: Barracks Upg	icer Educ School Clssrms intenance Facility grade/Classroom Ph II cord Fire Range	2007 2008 2009 2009	(\$000) 10,134 16,433 6,883 2,634	
Add/Alt Off: Combined Ma: Barracks Upg Modified Red	icer Educ School Clssrms intenance Facility grade/Classroom Ph II cord Fire Range	2007 2008 2009 2009	(\$000) 10,134 16,433 6,883 2,634	
Add/Alt Off: Combined Ma: Barracks Upg Modified Red	icer Educ School Clssrms intenance Facility grade/Classroom Ph II cord Fire Range	2007 2008 2009 2009	(\$000) 10,134 16,433 6,883 2,634	
Add/Alt Off: Combined Ma: Barracks Upg Modified Red	icer Educ School Clssrms intenance Facility grade/Classroom Ph II cord Fire Range	2007 2008 2009 2009	(\$000) 10,134 16,433 6,883 2,634	
add/Alt Offi Combined Ma Carracks Upo Modified Rec	icer Educ School Clssrms intenance Facility grade/Classroom Ph II cord Fire Range	2007 2008 2009 2009	(\$000) 10,134 16,433 6,883 2,634	

SRM Unfunded Requirements: \$5,439 M

1. COMPONENT		FY 2006	GUARD A	AND RESERV	Έ	2. DAT	E
AR				STRUCTION		Feb	
3. INSTALLATION AN	ID LOCATION						A CONSTR T INDEX
Fort Dix, NJ	л 						1.15
11. PERSONNEL ST	RENGTH AS OF	N/A					
		PERM	ANENT		GUAE	RD/RES	
	TOTAL	OFFICER	ENLISTED	CIVILIAN		OFFICER	ENLISTED
AUTHORIZE	0	0	0	0	0	0	0
ACTUAL		0	0	0	<u> </u>	0	0
12. RESERVE UNIT D	DATA	_					
	ASGI	)/AUTH	0%	STR	ENGTH		
UNIT DESIG	GNATION			AUTHORIZED	A	CTUAL	
Totals				0		0 .	
Project is r	not stren	gth depei	ndent.				
13. MAJOR EQUIPME	NT AND AIRCR	AFT		<del></del>	<del></del>		
TYPE				AUTHORIZED	AC	TUAL	
Tracked Vehi	cles			0		0	
Totals				0		0	
14. OUTSTANDING P	OLLUTION AND	SAFETY DEFIC	CIENCIES				
					(\$000)		
Air Pollutio	n				0		
Water Pollut					0		
Safety and C	occupation	nal Healt	:h		0		
							į
				•			

1. COMPONENT 2. DATE FY 2006 MILITARY CONSTRUCTION PROJECT DATA Feb 05 3. INSTALLATION AND LOCATION 4. PROJECT TITLE Fort Dix, NJ Shoot-House/AAR/Breach Fac

5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 0532292A 178 CAR 06-11673 1,569

		<u> </u>	_,					
9. COST ESTIMATES								
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)				
PRIMARY FACILITIES:				1105				
Shoot-House (1,700 sf) AAR Building (1,152 sf)	m2 m2	158 108	3,229.17 1,157.12	·				
Ops/Storage Bldg (800 sf) Breach Facility	m2	75	1,265.73	( 95)				
Latrine, Dual Sex w/water(364sf)	EA m2	1 34	270,000. 3,121.54	( 270) ( 106)				
SUPPORTING FACILITIES: Site Improvement Telecommunications/Fiber Electrical Services Service Roads/Parking	LS LS LS	- - -	- - - - -	308 ( 130) ( 28) ( 50) ( 100)				
TOTAL CONSTRUCTION COST Contingencies (5.0%) Supervision and Administration (5.7%) TOTAL PROJECT COST				1413 71 85 1569				
Equipment Funded Other Appropriations			(Non-Add)	( 1048)				

#### 10. DESCRIPTION OF PROPOSED CONSTRUCTION

AR

Construct a live fire Shoot-House, After Action Review (AAR) Facility, and Breach Facility. The Shoot-House allows soldiers to conduct live fire training under simulated close combat conditions. The AAR facility will be divided into separate rooms to conduct simultaneous AAR's, a master control room, and a storage/maintenance area. AAR building will have full audio-visual recording and replay capability. The breach facility will be constructed into three standard breach stations for wall breaching, door breaching, and window breaching that enables the use of mechanical, thermal, ballistic and explosive breaching techniques. Supporting facilities include all construction outside of the perimeter of the range complex, which consists of constructing entrance road, telecommunications with fiber for the range complex systems, clearing, grubbing, grading, drainage, electrical services, and service roads and parking. Air conditioning: 0 kw/0 tons.

11. REQUIREMENT: 376 m2 Adequate: 0 m2 Substandard: () m2

PROJECT: Construct a Shoot-House, After Action Review (AAR) Building and Breach Facility. (Current Mission)

1. COMPONENT	EV 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	
AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	Feb 05	
3. INSTALLATION ANI	DLOCATION		
Fort Dix,NJ			
4. PROJECT TITLE		5. PROJECT NUMBER	
	AAR/Breach Fac	CAR 06-11673	

#### 11. REQUIREMENT (CONT)

REQUIREMENT: This project will provide a Shoot-House, AAR Building, and Breach Facility at Fort Dix Range. The Shoot-House will have 13 precision targets with a reconfigurable capability. A catwalk with sloped ballistic barn roof allows for air circulation between roof and walls. The Shoot-House has four entrances with ballistic sliding doors. Eight interior rooms with wood doors and several ballistic walls outside entrances allow breaching exercises. Floors and walls must prevent ricochet effects. Shoot-house must have 360 degree and overhead live fire ballistic protection for the following ammunition: 5.56 mm ball, M84 stun grenades, practice grenades, smoke grenades, DET Cord, and nonelectric blasting caps. Audio-visual capture capability is built into the Shoot-House for AAR. The breach facility will have doors that will accommodate all breaching techniques. Man-sized holes will be 2 x 4 feet. The project will allow Army Reserve soldiers to train on techniques to breach walls, windows, and doors. Soldiers will also learn to employ mechanical, thermal, ballistic, and explosive techniques.

CURRENT SITUATION: Based on the new organizational changes to a Light Infantry-Enhanced, soldiers are required to conduct live fire training under close combat conditions in an urban environment. Fort Dix does not have a facility to meet these training requirements.

IMPACT IF NOT PROVIDED: Without this project, Fort Dix will not have any facilities to train Army Reserve soldiers on techniques to breach walls, windows, and doors.

ADDITIONAL: This project has been coordinated with the Fort Dix 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 estimates were used to develop project cost.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

### 12. SUPPLEMENTAL DATA

- a. Estimated design data:
  - (1) Status:

	EV 2006	MII ITADV CONSTDI	UCTION PROJECT DATA	2. DATE
AR	11 2000	MILITARY CONSTR	DCTION PROJECT DATA	Feb 05
INSTALLATION				
ort Dix,N	J			
PROJECT TITLE				5. PROJECT NUMBER
hoot-Hous	e/AAR/Brea	ach Fac		CAR 06-11673
SHIDDI EMENIT	AL DATA (CONT)			
	, ,		• • • • • • • • • • • • • • • • • • • •	07/04
			January 2005	
•			<del></del>	
			ing Hand to Davidson Co	
			ing Used to Develop Co e cycle cost analysis	
	be doc	cumented during the	e final design.	
		of Design Contract.	<u>Design</u> - B	id - Build
	asis: a) Standa	ard or Definitive D	Design	No
,			ecently Used	
		(c) = (a) + (b) or		( <del>\$000)</del>
			Specifications	
•			· · · · · · · · · · · · · · · · · · ·	
(				
				•
			ject which will be pro	ovided from
	ent associa appropriat			ovided from
other a	ppropriat	ions:	Fiscal Year	
	eppropriat: ent			ovided from Cost (\$000
other a	eppropriat: ent	ions: Procuring	Fiscal Year Appropriated or	Cost (\$000
other a Equipm Nomencla	ent ent	ions: Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000
other a Equipm Nomencla Cargetry	ent ent	ions: Procuring Appropriation OPA	Fiscal Year Appropriated or Requested 2006	Cost (\$000 81 3
other a Equipm Nomencla Cargetry	ent ent	ions:  Procuring Appropriation  OPA OMAR	Fiscal Year Appropriated or Requested  2006 2007	Cost (\$000 81 3 20
other a Equipm Nomencla Targetry Furniture	ent ent ture & Instrum	Procuring Appropriation  OPA OMAR OMAR	Fiscal Year Appropriated or Requested  2006 2007 2007	Cost (\$000 81 3 20
other a Equipm Nomencla Fargetry Furniture JXO	ent ent ture & Instrum	ions:  Procuring Appropriation  OPA OMAR	Fiscal Year Appropriated or Requested  2006 2007 2007	Cost (\$000 81 3 20
other a Equipm Nomencla Fargetry Furniture JXO	ent ent ture & Instrum	Procuring Appropriation  OPA OMAR OMAR	Fiscal Year Appropriated or Requested  2006 2007 2007	Cost (\$000 81 3 20
other a Equipm Nomencla Targetry Furniture UXO	ent ent ture & Instrum	Procuring Appropriation  OPA OMAR OMAR	Fiscal Year Appropriated or Requested  2006 2007 2007	Cost (\$000 81 3 20
other a Equipm Nomencla Targetry Furniture UXO	ent ent ture & Instrum	Procuring Appropriation  OPA OMAR OMAR	Fiscal Year Appropriated or Requested  2006 2007 2007	Cost (\$000 81 3 20
other a Equipm Nomencla Fargetry Furniture JXO	ent ent ture & Instrum	Procuring Appropriation  OPA OMAR OMAR	Fiscal Year Appropriated or Requested  2006 2007 2007	Cost (\$000 81 3 20

1. COMPONENT	FY 2006 GUARD A	ND DESERVE		T
AR	MILITARY CONS			2. DATE Feb 05
3. INSTALLATION A		31ROCHON		4. AREA CONSTR
				COST INDEX
AK Center, 1	Bellefonte, PA			1.08
5. FREQUENCY AND	TYPE UTILIZATION			
_				
Reservist	- 3 wee:	kends/month	2 n	ights/week
Full-Time P	ersonnel - 5 day:	s/week		
6. OTHER ACTIVE.G	UARD/RESERVE INSTALLATIONS WITHIN 15 MI	LE RADIUS	<del></del> -	<del> </del>
ARNG, Armor	y, Bellefonte, PA - 1.61 km	n		
AR, Center,	State College, PA - 24.14	km		
ARNG, Armor	y, State College, PA - 25.	75 km		
7. PROJECTS REQU	ESTED IN THIS PROGRAM			
CATEGORY			COST	(DESIGN STATUS)
CODE	PROJECT TITLE	SCOPE	COST (\$000)	START COMPLETE
171	AR Center/OMS/Unh Storage	3,177 m2	8,355	07/04 10/05
		(34,186 sf)		
		•		
8 STATE DESERVE	FORCES FACILITIES BOARD RECOMMENDATION			
	identified in item 6 have b		w the 2	6 Aug 2004
	ce Reserve Component Facili			
	xpansion. The board recomme			
9. LAND ACQUISITIO	N REQUIRED	· · · · · · · · · · · · · · · · · · ·	<u>-</u> .	
None				0
				(Number of Acres)
10. PROJECTS PLAN		CAL CO		
None				
None				

1. COMPONENT				ND RESERV	E	2. DAT	
AR		MILITAR	Y CONS	TRUCTION		Feb	-
3. INSTALLATION AN	ID LOCATION						A CONSTR T INDEX
AR Center, Bellefonte, PA						1.08	
11. PERSONNEL STA	RENGTH AS OF	1 July 200	)4				
						RD/RES	
AUTHORIZE	TOTAL 1.1		NLISTED	CIVILIAN		OFFICER	ENLISTED
ACTUAL	11		9 9	<u>2</u> -	138	7	131
7.010.12			<u> </u>		103	6	97
12. RESERVE UNIT D	PATA	<del></del>					
	ASGD	/AUTH 75	8	STR	ENGTH		
UNIT DESIG	NATION			AUTHORIZED		ACTUAL	
442 QM CO (				68		55	
318 MAINT CO	O (-) GEN	SPT		70		48	
Totals				138		103	
13. MAJOR EQUIPME	NT AND AIRCRA	FT					
TYPE				AUTHORIZED	A	CTUAL	
Wheeled Vehi	icles			49		49	
Trailers				52		52	
Tracked Vehi	cles			0		0	
Totals			_	101		101	
14. OUTSTANDING P	OLLUTION AND :	SAFETY DEFICIEN	ICIES				
					(\$000)		
Air Pollutio					0		
Water Pollut				0			
Safety and C	occupation	al Health		0			
						-	

1, COMPONENT	EV 2	OOR MILITARY COME	TDUCT	ION DDO ITO	DATA	2. DATE
AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA					Feb 05
3. INSTALLATION AN	INSTALLATION AND LOCATION 4. PROJECT TITLE					<u>"</u>
AR Center Bellefonte, PA  AR Center/OMS/Unh Storage				Storage		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJECT NUMBER 8. PROJECT		T COST (\$000)	
0532292A		171	CAR 06-01820 8,355		8,355	

9. COST ESTIMATES							
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)			
PRIMARY FACILITIES:				5470			
Training Building (26,662 sf) Maintenance Building (6,611 sf) Unheated Storage (913 sf) Building Information Systems Antiterrorism/Force Protection  SUPPORTING FACILITIES: Site Improvement Paving - POV/MEP (5,010 sy)	m2 m2 m2 LS LS	2,477 615 85 - - 4,189	1,580.36 2,054.08 1,141.30 - - - 64.82	( 1262) ( 97) ( 82) ( 114)			
Information Systems Antiterrorism/Force Protection	LS	_	_	( 39) ( 60)			
TOTAL CONSTRUCTION COST  Contingencies (5.0%)  Supervision and Administration (5.7%)  TOTAL PROJECT COST				7527 377 451 8355			
Equipment Funded Other Appropriations			(Non-Add)	( 897)			

Construct a 150-member Army Reserve Center (ARC), an Organizational Maintenance Shop (OMS) and an unheated storage building. The buildings will be permanent construction with reinforced concrete foundation, concrete floor slabs, structural steel frame, masonry veneer exterior walls, standing seam metal roofing, and mechanical and electrical systems. Supporting facilities will include paving, fencing, wash rack with an oil/water separator, site improvements, and extension of utilities to service the project. The project will provide fire and intrusion alarm systems. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas and vehicle unloading areas. heavy landscaping and bollards will be used to prevent access when standoff distance cannot be maintained. Air conditioning: 211 kw/60 tons.

11. REQUIREMENT: 3,177 m2 Adequate:

PROJECT: Construct a 150-member ARC, OMS, and an unheated storage

building. (Current Mission)

Substandard: 7,192 m2

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	
AR	2000 MILITARY CONSTRUCTION PROJECT DATA	Feb 05	
3. INSTALLATION AN	DLOCATION	<b>1</b>	
AR Center			
Bellefonte,	PA		
4. PROJECT TITLE		5. PROJECT NUMBER	
AR Center/C	MS/Unh Storage	CAR 06-01820	

#### 11. REQUIREMENT (CONT)

REQUIREMENT: This project will provide a 150-member training facility with administrative areas, classrooms, library, learning center, assembly hall, arms vault, kitchen, unit storage and physical readiness functions for Army Reserve Quartermaster Company and Maintenance units. The maintenance shop will provide space for training to accomplish organizational maintenance for all military equipment stored at this facility. This project will provide adequate parking space for all military and privately-owned vehicles.

CURRENT SITUATION: The Quartermaster Company(-)(Field Service) occupies a 1960 vintage facility. The Maintenance unit occupies a 1963 vintage facility. Both these facilities are severely overcrowded and technically obsolete within today's standards for mission accomplishment. The training buildings are deficient in administrative offices, storage, and education areas. The maintenance buildings are deficient in administrative offices, latrines, tool and parts storage, flammable storage areas, and work bays. There is insufficient area for military vehicle and privately-owned vehicle parking at both locations. Soldiers have to park along streets and access roads in residential areas. The ARC facility in Bellefonte, PA consists of 1,702 square meters (18,318 square feet) for the training building, 241 square meters (2,592 square feet) for the OMS, and 3.53 acres of land. The ARC in State College, PA consists of 1,603 square meters (17,258 square feet) for the training building, 339 square meters (3,646 square feet) for the OMS, and 3.97 acres. Both these facilities will be excessed.

IMPACT IF NOT PROVIDED: Units will not be able to conduct training properly and be prepared to meet their readiness and mobilization objectives with the continued use of substandard and overcrowded facilities. These overcrowded and outdated facilities will continue to place unnecessary stress on already limited Operations and Maintenance, Army Reserve (OMAR) annual operating budget. Acquisition of additional lease facilities will be required to relieve the overcrowding.

ADDITIONAL: This project was coordinated with the 99th 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 is 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.

1. COMPONENT	EV 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	Feb 05
3. INSTALLATION AN	D LOCATION .	
AR Center		
Bellefonte, PA		
4. PROJECT TITLE		5. PROJECT NUMBER
AR Center/C	MS/Unh Storage	CAR 06-01820

# 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. This facility will be available for use by other components.

## 12. SUPPLEMENTAL DATA

- a. Estimated design data:
  - (1) Status:

(a)	Date Design Started	07/04
(b)	Percent Complete as of January 2005	<b>3</b> 5%
(c)	Date Design 35% Complete	01/05
(d)	Date Design Complete	10/05
(e)	Parametric Cost Estimating Used to Develop Cost	Yes
100	3 1 1 1 2 2 3 1 1 1 1 2 2 2 2 2 2 2 2 2	

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

(4)	ndsis.	
	(a) Standard or Definitive Design	No
	(b) Where Design Was Most Recently Used	N/A
(3)	Total Cost (c) = (a) + (b) or (d) + (e) : $(50)$	00)
	(a) Production of Plans and Specifications	468
	(b) All Other Design Costs	200
	(c) Total	668
	(d) Contract	535
	(e) In-house	133
(4)	Construction Award 10	705

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)
IT Equipment	OMAR	2006	126
Furniture	OMAR	2007	236
Shelving	OMAR	2006	131
Cages	OMAR	2006	219
Lockers	OMAR	2006	11

. COMPONENT	FY 2006	MILITARY CONST	RUCTION PROJE	CT DATA	2. DATE	
AR					Fe	eb 05
. INSTALLATION AND	LOCATION					
AR Center Bellefonte,P	·Α					
. PROJECT TITLE					5. PROJECT	NUMBER
AR Center/OM	IS/Unh S	torage			CAR 06	
2. SUPPLEMENTAL D	ATA (CONT)					
Kitchen Equ		OMAR	2006			110
Physical Fi		OMAR	2007			63
Dehumidifie	r	OMAR	2006			-
			•	Tota	1:	891
		***	100 601 1000			
coint of Cor	itact: M	AJ San Nicolas, 7	03-601-1939			
				-		

1. COMPONENT	EV 2006 GLIAR	D AND RESERVI		2. DATE
AR		ONSTRUCTION	<del>-</del>	Feb 05
3. INSTALLATION A		<u>ONOTINO FIOR</u>		4. AREA CONSTR
AR Center, I				COST INDEX
AK CENCCI, I	ille, ra			1.05
5. FREQUENCY ANI	D TYPE UTILIZATION			
Reservist		weekends/month	3 n.i	ights/week
Full-Time P	ersonnel - 5	days/week		
6. OTHER ACTIVE.G	GUARD/RESERVE INSTALLATIONS WITH	IIN 15 MILE RADIUS		
	r, Erie, PA - 1.61 km			
	r, Erie, PA - 4.83 km			
·	r, Erie, PA - 12.87 km			
	r, Meadville, PA - 67.5			
USAR, Cente	r, Farrell, PA - 173.81	km		
7. PROJECTS REQU	JESTED IN THIS PROGRAM			
CATEGORY	COC COT TIME		COST	(DESIGN STATUS)
CODE	PROJECT TITLE	SCOPE	(\$000)	START COMPLETE
171	AR Center/OMS/Unh Str	g 4,243 (45,661	m2 9,367 sf)	06/04 09/05
	•			
	FORCES FACILITIES BOARD RECOMME			4 312 2004
	identified in item 6 ha		_	
	ce Reserve Component Fa xpansion. The board rec			' '
JOINE GBE/C	xbanaton. The poard fee	Ommends unitale	rai constiu	.Ction.
		<del></del> :		
9. LAND ACQUISITION None	ON REQUIRED			0
				(Number of Acres)
10. PROJECTS PLAI	NNED IN NEXT FOUR YEARS	FISCAL	COST	
		YEAR -	(\$000)	
None				
	·			

AR Center, Erie, PA  11. PERSONNEL STRENGTH AS OF 15 Dec 2004  PERMANENT GUARD/RES	1. COMPONENT				ND RESERV		2. DAT	TE	
AR Center, Erie, PA  11. PERSONNEL STRENGTH AS OF 15 Dec 2004    PERMANENT   CUMIN   TOTAL   OFFICER   ENL	AR		<u>MILITAR</u>	RY CONS	STRUCTION				
AR Center, Erie, PA  11.PERSONNEL STRENGTH AS OF 15 Dec 2004    PERMANENT   GUARD/RES								4. AREA CONSTRICOST INDEX	
TOTAL   OFFICER   ENLISTED   CIVILIAN   OFFICER   ENLISTED   CIVILIAN   OFFICER   ENLISTED   CIVILIAN   OFFICER   ENLISTED   OFFICER   ENLISTED   CIVILIAN   OFFICER   ENLISTED   OFFICER   OF	AR Center,	Erie, PA						1.05	
TOTAL   OFFICER   ENLISTED   CIVILIAN   TOTAL   OFFICER   ENLISTED	11. PERSONNEL ST	TRENGTH AS OF	15 <b>Dec</b> 200	04			•		
TOTAL   OFFICER   ENLISTED   CIVILIAN   TOTAL   OFFICER   ENLISTED									
ACTUAL 18 1 11 6 341 82  ACTUAL 13 1 7 5 256 58   12. RESERVE UNIT DATA  ASGD/AUTH 75% STRENGTH  UNIT DESIGNATION AUTHORIZED ACTUAL  3401 MI DET (PD) 9 10  339 CBT SPT HOSP (HUS) (-) 125 96  542 QM CO (FP) 444 32  865TH QM TM 70 38  329 MD CO (AMBL) 73 62  624 MED DET 20 18  Totals 341 256  13. MAJOR EQUIPMENT AND AIRCRAFT  TYPE AUTHORIZED ACTUAL  Wheeled Vehicles 61 39  Tracked Vehicles 0 0 0  Totals 97 62  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  Water Pollution (\$0000)  Mater Pollution 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			PERMAN	ENT		GUA	RD/RES		
ACTUAL 13 1 7 5 256 58  12. RESERVE UNIT DATA  ASGD/AUTH 75% STRENGTH  UNIT DESIGNATION AUTHORIZED ACTUAL 3401 MI DET (PD) 9 10 339 CBT SPT HOSP (HUS) (~) 125 96 542 QM CO (FP) 44 32 865TH QM TM 70 38 329 MD CO (AMBL) 73 62 62 4 MED DET 20 18 Totals 341 256  13. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED ACTUAL Wheeled Vehicles 61 39 Tracked Vehicles 97 62  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000)  Air Pollution (\$000)  Water Pollution 0		TOTAL	OFFICER E	NLISTED	CIVILIAN			ENLISTED	
12. RESERVE UNIT DATA	AUTHORIZE	18	1	11	6	341	82	259	
NIT DESIGNATION	ACTUAL	13	1	7	5	256	58	198	
NIT DESIGNATION		<u> </u>							
UNIT DESIGNATION	12. RESERVE UNIT								
3401 MI DET (PD) 9 10 339 CBT SPT HOSP(HUS)(-) 125 96 542 QM CO (FP) 44 32 865TH QM TM 70 38 329 MD CO (AMBL) 73 62 624 MED DET 20 18 Totals 341 256  13. MAJOR EQUIPMENT AND AIRCRAFT  TYPE AUTHORIZED ACTUAL Wheeled Vehicles 61 39 Trailers 36 23 Tracked Vehicles 0 0 Totals 97 62  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000) Air Pollution 0 Water Pollution 0		ASGI	D/AUTH 75	. જ	ST	RENGTH			
339 CBT SPT HOSP(HUS)(-)   125   96     542 QM CO (FP)	UNIT DESI	GNATION			AUTHORIZE	ED A	CTUAL		
542 QM CO (FP)       44       32         865TH QM TM       70       38         329 MD CO (AMBL)       73       62         624 MED DET       20       18         Totals       341       256         13. MAJOR EQUIPMENT AND AIRCRAFT         TYPE       AUTHORIZED       ACTUAL         Wheeled Vehicles       61       39         Trailers       36       23         Tracked Vehicles       0       0         Totals       97       62         14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES       (\$000)         Air Pollution       0         Water Pollution       0	3401 MI DET	(PD)				9	10		
865TH QM TM       70       38         329 MD CO (AMBL)       73       62         624 MED DET       20       18         Totals       341       256         13. MAJOR EQUIPMENT AND AIRCRAFT         TYPE       AUTHORIZED       ACTUAL         Wheeled Vehicles       61       39         Trailers       36       23         Tracked Vehicles       0       0         Totals       97       62         14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES       (\$000)         Air Pollution       0         Water Pollution       0	339 CBT SPT	HOSP(HUS	i) (~)		12	5	96		
329 MD CO (AMBL)       73       62         624 MED DET       20       18         Totals       341       256         13. MAJOR EQUIPMENT AND AIRCRAFT         TYPE       AUTHORIZED         Wheeled Vehicles       61       39         Trailers       36       23         Tracked Vehicles       0       0         Totals       97       62         14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES         Mater Pollution       0         Water Pollution       0	542 QM CO (	FP)			4	4	32		
624 MED DET         20         18           Totals         341         256           13. MAJOR EQUIPMENT AND AIRCRAFT           TYPE         AUTHORIZED         ACTUAL           Wheeled Vehicles         61         39           Trailers         36         23           Tracked Vehicles         0         0           Totals         97         62           14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES         (\$000)           Air Pollution         0           Water Pollution         0					7	0	38		
Totals 341 256  13. MAJOR EQUIPMENT AND AIRCRAFT TYPE AUTHORIZED ACTUAL  Wheeled Vehicles 61 39 Trailers 36 23 Tracked Vehicles 0 0 0  Totals 97 62  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000) Air Pollution 0					73 62				
13. MAJOR EQUIPMENT AND AIRCRAFT  TYPE AUTHORIZED ACTUAL  Wheeled Vehicles 61 39  Trailers 36 23  Tracked Vehicles 0 0  Totals 97 62  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000)  Air Pollution 0  Water Pollution 0	624 MED DET	•			20 18				
TYPE AUTHORIZED ACTUAL  Wheeled Vehicles 61 39 Trailers 36 23 Tracked Vehicles 0 0 Totals 97 62  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000) Air Pollution 0 Water Pollution 0	Totals				34	1	256		
Wheeled Vehicles         61         39           Trailers         36         23           Tracked Vehicles         0         0           Totals         97         62           14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES           Air Pollution         0           Water Pollution         0           C. Solution         0	13. MAJOR EQUIPM	ENT AND AIRCR	RAFT	·					
Trailers : 36 23  Tracked Vehicles 0 0  Totals 97 62  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000)  Air Pollution 0  Water Pollution 0	TYPE				AUTHORIZE	) AC	CTUAL		
Tracked Vehicles 0 0  Totals 97 62  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000)  Air Pollution 0  Water Pollution 0	Wheeled Veh	icles			61	L	39		
Totals 97 62  14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000)  Air Pollution 0  Water Pollution 0	Trailers				36	, ,	23		
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES  (\$000) Air Pollution 0 Water Pollution 0	Tracked Veh	icles			0		0		
(\$000) Air Pollution 0 Water Pollution 0	Totals			•	97		62		
Air Pollution 0 Water Pollution 0	14. OUTSTANDING	POLLUTION AND	SAFETY DEFICIE	ENCIES		, <u>, , , , , , , , , , , , , , , , , , </u>			
Water Pollution 0						(\$000)			
	Air Polluti	on				0			
Safety and Occupational Health 0	Water Pollu	tion			0				
	Safety and Occupational Health				0				

1. COMPONENT	EV 20	TOE MILITARY CONS	2. DATE			
AR	F1 20	006 MILITARY CONSTRUCTION PROJECT DATA				Feb 05
3. INSTALLATION AND LOCATION				4. PROJECT TITLE		
AR Center Erie, PA  AR Center/OM				OMS/Unh	Strg	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJ	7. PROJECT NUMBER 8. PROJEC		T COST (\$000)
0532292A		171	CAR	CAR 06-10966 9,367		

9. COST ESTIMATES

9. COST ESTIMA	1123			
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES:		,		6653
Training Building (38,483 sf)	m2	3,576	1,495.32	
Maintenance Building (4,899 sf) Unheated Storage (2,279 sf)	m2 m2	455 212	2,108.33 1,109.54	( 932) ( 235)
Building Information Systems	LS	-	-	( 77)
Antiterrorism/Force Protection SUPPORTING FACILITIES:	LS	_	-	( 63) 1492
Site Improvement	LS	-	-	( 1120)
Paving POV/MEP/Roads (6,910 sy)	m2	5,778	53.82	( 311)
Information Systems	LS	-	_	( 41)
Antiterrorism/Force Protection	LS	-	-	( 20)
TOTAL CONSTRUCTION COST				8145
Contingencies (5.0%)				408
Supervision and Administration (5.7%)				488
Design - Build (4.0%)				326
TOTAL PROJECT COST				9367
Equipment Funded Other Appropriations			(Non-Add)	( 1422)

# 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a 300-member Army Reserve Center (ARC), an Organizational Maintenance Shop (OMS), and an unheated storage building. The buildings will be permanent construction with reinforced concrete foundation, concrete floor slabs, structural steel frame, masonry veneer exterior walls, standing seam metal or steel shingled roofing, mechanical and electrical systems. The training building and maintenance facility will be designed for maximum energy efficiency. Supporting facilities will include paving, fencing, washrack with an oil/water separator, site improvements and extension of utilities to service 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: 404 kw/115 tons.

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
AR	1 2000 MILITARY	Feb 05		
3.INSTALLATION A AR Center Erie,PA	ND LOCATION		,	<u> </u>
4. PROJECT TITLE AR Center/C	MS/Unh Strg			5. PROJECT NUMBER CAR 06-10966
11. REQUIRE	MENT: 4,243 m2	Adequate:	0 m2	Substandard: 0 m2

PROJECT: Construct a 300-member ARC, OMS, and an unheated storage building. (Current Mission)

REQUIREMENT: This project will provide a 300-member training facility with administrative areas, classrooms, library, learning center, assembly hall, arms vault, kitchen, unit storage and physical readiness functions for six Army Reserve units. The maintenance shop will provide space for training to accomplish organizational maintenance for all military equipment stored at this facility. Also provided are adequate parking spaces for all military and privately-owned vehicles as well as adequate space for training with the Deployable Medical Systems (DEPMEDS).

CURRENT SITUATION: AR units currently occupy two overcrowded facilities in the metropolitan Erie area. Five units (214 soldiers) are assigned to an overutilized Navy Armed Forces Reserve Center, 15,886 sf. The training building is deficient in administrative, storage, and educational areas. The maintenance facility is deficient in administrative offices, tool and parts storage, latrines and flammable storage areas. The other two units (170 soldiers) are assigned to a leased facility, 42,780 sf. There is insufficient area for military parking and virtually no POV parking. Both facilities do not have sufficient area for the DEPMEDS Mission Essential Equipment for Training (MEET) sets assigned to a General Hospital (Hospital Unit Surgical). Upon completion of this project the government-owned facilities will be vacated and the lease terminated.

IMPACT IF NOT PROVIDED: The units ability to conduct training and be prepared to meet their readiness and mobilization objectives will be restricted by the substandard and overcrowded facilities. These overcrowded and outdated facilities will continue to place unnecessary stress on already limited Operations and Maintenance, Army Reserve (OMAR) annual operating budgets. Acquisition of additional leased facilities will be required to relieve the overcrowding in the existing facilities.

ADDITIONAL: This project was coordinated with the 99th 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

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AR	FI 2000 MILITARI CONSTRUCTION FROSECT DATA	Feb 05
3. INSTALLATIO	N AND LOCATION	
AR Cente Erie, PA	r	
4. PROJECT TI	TLE	5. PROJECT NUMBER
AR Cente	r/OMS/Unh Strg	CAR 06-10966
11. REQUIREME	NT (CONT)	
Parametri engineeri design, o	s the most feasible option to meet the requirement c estimate is based on Modular Design System proje ng. Sustainable principles will be integrated int development, and construction of the project in acc e Order 13123 and other applicable laws and Executi	ct o the ordance with
(Installa considere	CERTIFICATION: The Deputy Assistant Secretary of ation and Housing) certifies that this project has ed for joint use potential. This facility will be ther components.	been
12. SUPPLEME	NTAL DATA	
a. Estin	nated design data: Status:	06/04
	(a) Date Design Started	· · · · · · · · · · · · · · · · · · ·
	<ul> <li>(b) Percent Complete as of January 2005</li> <li>(c) Date Design 35% Complete</li> <li>(d) Date Design Complete</li> <li>(e) Parametric Cost Estimating Used to Develop C</li> <li>(f) An energy study and life cycle cost analysis be documented during the final design.</li> <li>(g) Type of Design Contract</li> </ul>	01/05 09/05 ostYes will
(2)	<ul> <li>(c) Date Design 35% Complete</li></ul>	01/05 09/05 ostYes will qn - Build
(2)	<ul> <li>(c) Date Design 35% Complete</li></ul>	01/0509/05 ostYes will  qn - BuildNoNA (\$000)7875684363
	<ul> <li>(c) Date Design 35% Complete</li></ul>	01/0509/05 ostYes will  qn - BuildNoN/A (\$000)787568436378010/05

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE					
AR	F1 2006 MILITARY CONSTRUCTION PROJECT DATA	Feb 05					
3. INSTALLATION AND LOCATION							
AR Center	AR Center						
Erie, PA							
4. PROJECT TITLE		5. PROJECT NUMBER					
AR Center/C	MS/Unh Strg	CAR 06-10966					

# 12. SUPPLEMENTAL DATA (CONT)

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

		Fiscal Year	
Equipment	Procuring	Appropriated or	Cost
Nomenclature	Appropriation	Requested	(\$000)
IT Equipment	OMAR	2007	270
Furniture	OMAR	2007	287
Dehumidifier	OMAR	2007	1
Shelving	OMAR	2007	183
Lockers	OMAR	2007	238
Wire Partitions	OMAR	2007	305
Kitchen Equipment	OMAR	2007	88
Physical Fitness	OMAR	2007	5 0
		Total:	1422

Point of Contact: MAJ San Nicolas, 703-601-1939

1. COMPONENT	FY 2006 GUARD	AND RESERVE		2. DATE
AR	MILITARY CON			Feb 05
3. INSTALLATION AI	ND LOCATION			4. AREA CONSTR
AR Center,	COST INDEX 0.88			
5. FREQUENCY AND	O TYPE UTILIZATION			
Reservist	~ 3 we	ekends/month	3 ni	ghts/week
Full-Time P	ersonnel - 5 da	ys/week		
	SUARD/RESERVE INSTALLATIONS WITHIN 15			
	y, Greenville, SC - 1.61 Greenville, SC - 11.27 kg			
	y, Williamson, SC - 19.31			
	y, Greer, SC - 20.92 km	Kitt		
TIMOT	y, order, be zo.sz km			
7. PROJECTS REQU	JESTED IN THIS PROGRAM			
CATEGORY				(DESIGN STATUS)
CODE	PROJECT TITLE	SCOPE	COST (\$000)	START COMPLETE
171 A	AR Center/OMS/AMSA/Unh Str	=	L5,524	11/03 07/05
		(88,761 sf)		
8. STATE RESERVE	FORCES FACILITIES BOARD RECOMMENDA	TION		
	identified in item 6 have	_	-	<del> </del>
	ce Reserve Component Faci			(Date)
joint use/e	expansion. The board recom	mendsunilateral (	constru	ction.
9. LAND ACQUISITION None	ON REQUIRED			0
				(Number of Acres)
10. PROJECTS PLAI		FISCAL COS YEAR (\$000		
None	_		<del></del>	

1. COMPONENT				ND RESERV	'E	2. DATE	
AR		MILITAR	Y CONS	TRUCTION		Feb 05 4. AREA CONSTR	
3. INSTALLATION AND LOCATION						T INDEX	
AR Center, Greenville, SC						0.88	
11. PERSONNEL STF	RENGTH AS OF	01 Dec 200	)4				
		PERMAN	ENT		GUA	RD/RES	
	TOTAL	OFFICER E	NLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZE	83	9	33	41_	552	79	473
ACTUAL	83	8	32	43	414	66	348
12. RESERVE UNIT D	DATA		<u> </u>				<u></u>
	ASGI	O/AUTH 75	8	STR	ENGTH		
UNIT DESIG	ENATION			AUTHORIZED	,	ACTUAL	
81ST RSC RE				4		4	
3 BN(-) (BC 7225 USA ME				70 42		29 52	
457 CHEM BN		ONII		45		43	
391 ENGR BN	•	ннс		181		131	
310TH CHEM				32		21	
415 CHEM BD	E, HHD			54		58	
416 CHEM DE	T (CML SV	C ORG		5	1	5	
UNITS NOT S	HOWN			119	)	71	
Totals				552		414	
Total Units	Not Show	n = 2					
13. MAJOR EQUIPME	ENT AND AIRCR	AFT					<del></del>
TYPE				AUTHORIZED	A	CTUAL	
Wheeled Veh	icles			131		139	
Trailers				79		78	
Tracked Veh	icles			0		2	
Totals			•	210		219	
14. OUTSTANDING F	POLLUTION AND	SAFETY DEFICIE	NCIES				
71. 5-13 11					(\$000)		
Air Pollutio					0		
Water Pollu		mml H125			0		
Safety and	occupatic	nai Heaith			0	l	

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA					2. DATE
AR	Feb 05					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
AR Center Greenville,SC  AR Center/OMS/AMSA/Unh Strg					A/Unh Strg	
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. P.		8. PROJECT COST (\$000)				
0532292A		171	CAR	CAR 06-11312 15,524		

9. COST ESTIMATES						
ITEM	U/M	QUANTITY	UNIT COST		COST (\$000)	
PRIMARY FACILITIES:				_	10837	
Training Building (67,110 sf) Maintenance Building (18,157 sf) Unheated Storage (3,494 sf) Building Information Systems Antiterrorism/Force Protection  SUPPORTING FACILITIES: Site Improvement Information Systems Paving POV/MEP (16,895 sy) Buildings Demolition (34,852 sf) Washrack/OWS/Loading Ramp Temporary Lease Antiterrorism/Force Protection	m2 m2 LS LS LS LS m2 m2 LS LS	6,235 1,687 325 - - - 14,126 3,238 - -	925.59 - - - -		7607) 2490) 301) 331) 108) 3149 1478) 25) 440) 380) 250) 544) 32)	
TOTAL CONSTRUCTION COST Contingencies (5.0%) Supervision and Administration (5.7%) TOTAL PROJECT COST  Equipment Funded Other Appropriations			(Non-Add)	(	13986 700 838 15524 2008)	

Construct a 600-member Army Reserve Center (ARC), an Organizational Maintenance Shop (OMS)/Area Maintenance Support Activity (AMSA), and an unheated storage building. The new buildings will be permanent construction with a multi-story ARC with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer exterior walls, standing seam metal roofs, HVAC mechanical systems, plumbing, electrical systems, and security systems. The project will include energy efficient lighting, automated building HVAC/lighting system controls, and a fire suppression sprinkling system. Supporting facilities will include site preparation, paving, fencing, security lighting, site signage, wash racks, storm drainage and extension of utilities to serve the project. Force Protection (physical security) measures will be incorporated into design including maximum feasible standoff distances from roads, parking areas, and

2. DATE 1. COMPONENT **FY 2006 MILITARY CONSTRUCTION PROJECT DATA** Feb 05 3. INSTALLATION AND LOCATION AR Center Greenville, SC 4. PROJECT TITLE 5. PROJECT NUMBER AR Center/OMS/AMSA/Unh Strg CAR 06-11312

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION (CONT)

vehicle unloading areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distance cannot be maintained. The existing ARC, OMS/AMSA, and unheated storage buildings at the site will be demolished to make room for the new buildings.

Air conditioning: 788 kw/224 tons.

11. REQUIREMENT:

8,247 m2

Adequate: 0 m2 Substandard: 8,598 m2

PROJECT: Construct a 600-member ARC, OMS/AMSA, and an unheated storage building. (Current Mission)

REQUIREMENT: This project will provide a 600-member ARC with administrative offices, assembly area, kitchen, arms vault, classrooms, special training, medical section, supply storage, drafting rooms, soils testing laboratory, library, unit and individual storage areas, physical fitness facility and locker rooms for all assigned units. This training center will provide the required spaces for units to train as collective entities and to develop teamwork and unit cohesion. The new ARC will consolidate all assigned units in the Greenville, SC and Clemson, SC metropolitan areas to the Kukowski ARC site. The OMS/AMSA will provide the required administrative, tool and parts storage, and shop space to accomplish required maintenance for the assigned military equipment. This project will provide the required military equipment and privately-owned vehicle parking areas.

CURRENT SITUATION: The current utilization rate is 161% at Mahon ARC, 185% at Kukowski ARC, and 110% at Pickens ARC.

Mahon ARC (25,860 SF): The units and functions at Mahon ARC are housed in inadequate facilities. These facilities consist of three buildings located on 3.39 acres of land. A small unheated storage facility was constructed in 1994. However, the ARC main building and the OMS/AMSA main building were both constructed in 1957. The overall condition of this ARC is extremely poor. Accelerated community growth over the last 45 years has rendered this location inefficient, not conducive to recruiting and retention, and dangerous, caused particularly by high traffic volumes on entrance/exit streets. Upon completion of the new ARC, this facility will be excessed and the land lease will be terminated.

Kukowski ARC (34,852 SF): The Kukowski ARC was built in 1975. building is inadequate for expansion because it does not meet the minimum DoD anit-terrorism force protection standoff distance requirements for a primary gathering place. The existing OMS does not provide sufficient setback, nor is it sited to provide optimal vehicle circulation for an AMSA operation. This facility is located on 7.49 acres of land in the Donaldson Center Industrial Air Park. Structures on this site will be demolished to allow for the new construction.

FORM DD FORM 1391c Page 2 of 4 II-36

1. COMPONENT
AR

FY 2006 MILITARY CONSTRUCTION PROJECT DATA
Feb 05

3. INSTALLATION AND LOCATION
AR Center
Greenville, SC

4. PROJECT TITLE
AR Center/OMS/AMSA/Unh Strg

5. PROJECT NUMBER
CAR 06-11312

## 11. REQUIREMENT (CONT)

Pickens ARC (31,894 SF): The ARC facilities at Clemson, SC are substandard and overcrowded. This ARC is deemed beyond repair and will be excessed upon completion of the new ARC.

IMPACT IF NOT PROVIDED: Units currently assigned to Kukowski ARC will continue to operate in facilities not properly configured to allow the most effective training to complete mission requirements. Those assigned units at Mahon ARC and Pickens ARC will continue to train for their missions in substandard, unsafe training facilities. This will continue to have negative training and retention effects on personnel assigned to these units.

ADDITIONAL INFORMATION: This project was coordinated with the 81st 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 is 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.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

#### 12. SUPPLEMENTAL DATA

a.	Estimated	design	data:
1	(1) Stati	18 :	

11/03
35%
09/04
07/05
Build
No
N/A

(3) Total Cost (c) = (a) + (b) or (d) + (e) :

(\$000)

1, COMPONEN	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	Feb 05
3. INSTALLATI	ON AND LOCATION	·
AR Cent		
Greenvi	le,SC	
4. PROJECT T	·	5. PROJECT NUMBER
AR Cent	CAR 06-11312	
12. SUPPLEM	ENTAL DATA (CONT)	
	(a) Production of Plans and Specifications	
	(b) All Other Design Costs	
	(c) Total	
	(d) Contract	
	(e) In-house	- 200
	(e) III-IIOu3e	
(4)	Construction Award	· · · · · — <del>· · · ·</del>
(4) (5)		12/05

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)
IT Equipment	OMAR	2007 .	522
Furniture	OMAR	2007	562
Caging	OMAR	2006	430
Dehumidifier	OMAR	2006	1
Physical Fitness	OMAR	2007	78
Kitchen	OMAR	2006	200
Shelving	OMAR	2006	215
		. Total:	2008

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

1. COMPONENT	=	ARD AND RESE			2. DATE Feb 05
3. INSTALLATION A	<del></del>				4. AREA CONSTR COST INDEX
Reserve Com	plex, Grand Prairie,	TX			0.90
<del></del> .,		<del></del> .			0.30
5. FREQUENCY AND	TYPE UTILIZATION				
Reservist	-	3 weekends/mor	nth	2 n	ights/week
Full-Time P	ersonnel -	5 days/week			
6. OTHER ACTIVE.G	GUARD/RESERVE INSTALLATIONS W	ITHIN 15 MILE RADIUS	<del></del>		<u> </u>
	er, Grand Prairie, T				
ARNG, Armor	y, Grand Praire, TX	- 1.61 km			
	Dallas, TX - 12.87				
USN, Base,	Dallas, TX - 19.31 k	m			
7 000 FOTO DEOL	JESTED IN THIS PROGRAM		· · · · · · · · · · · · · · · · · · ·		
7. PROJECTS REQU	JESTED IN THIS PROGRAM				(======================================
CATEGORY CODE	PROJECT TITLE	SCOF		OST (000)	(DESIGN STATUS) START COMPLETE
171	AR Center-Ph II		173 m2 5		
		(23,	380 sf)		
Facilities Joint Serv	FORCES FACILITIES BOARD RECO identified in item 6 ice Reserve Component expansion. The board	have been exa Facility Boar	d for pos	sible	(Date)
9. LAND ACQUISITI	ON REQUIRED				·- <u>-</u>
None					0
					(Number of Acres)
10. PROJECTS PLA	NNED IN NEXT FOUR YEARS	FISCAL YEAR	COST (\$000)		
None					

1. COMPONENT	F			ND RESERV	/E	2. DATE	
AR		MILITAR	Y CONS	TRUCTION		Feb (	
3. INSTALLATION AN	ID LOCATION						CONSTR
Reserve Comp	olex, Gran	d Prairie,	, TX				0.90
11. PERSONNEL STR	ENGTH AS OF	1 Dec 2004	1	·			
		PERMAN	ENT		GUA	ARD/RES	
	TOTAL		NLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZE	101	23	59	19	1478	244	1234
ACTUAL	104	24	58	22	1602	185	1417
12. RESERVE UNIT (	DATA	. —	· <del>-</del>				
	ASGD	/AUTH 10	18%	ST	RENGTH		
UNIT DESK	SNATION			AUTHORIZE	D	ACTUAL	
3/381ST, 2B				1		15	
2/381ST,4TH				2 10		22 79	
2/354 FA BN 4 BDE (CSS)					9	47	
7/95 IN BN(	•			13		119	
95 AUG OD D	-	,		12	7	129	
RTD OFC GRA	ND PRAIRI	E			5	0	
416TH AUG T	M (DALLAS	)			7	7	
UNITS NOT S	SHOWN			102	3	1184	
Totals				1,47	8	1,602	
Total Units	Not Show	n = 19					
13. MAJOR EQUIPM	ENT AND AIRCR	AFT	<u> </u>		1.1	•	
TYPE				AUTHORIZED		ACTUAL	
Wheeled Veh	icles			234	1	221	
Trailers				128	3	145	
Tracked Veh	icles			5	<u> </u>	5	
Totals				367	·	371	
14. OUTSTANDING	POLLUTION AND	SAFETY DEFICIE	ENCIES	<del>_</del>			
					(\$000		
Air Polluti						0	
Water Pollu		7 77 3 1 1	_			0	
Safety and	Occupatio	nal Health	ח			0	

1. COMPONENT	EV 24	006 MILITARY CONS	TDUCT	ON DDO IECT I	DATA	2. DATE
AR	F Y Z (	JUO MILITART CONS	IKUCII	ON PROJECT	DATA	Feb 05
3. INSTALLATION A	ND LOCAT	ION		4. PROJECT TITLE		
Reserve Com Grand Prair	-			AR Center-	Ph II	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJEC	CT COST (\$000)
0532292A		171	CAR	06-11444	5,685	

9. COST ESTIMA	TES	•		
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITIES:				3149
Training Building (23,380 sf)	m2	2,173	1,337.31	( 2905)
Building Information Systems	LS	-	<b>→</b>	( 212)
Antiterrorism/Force Protection	LS	-	-	( 32)
SUPPORTING FACILITIES:				<u> 1972</u>
Site Improvement	LS	-	-	( 788)
Informaton Systems	LS	_	-	( 95)
Utility Upgrades	LS	-	-	( 516)
Paving (2,200 sy)	<b>m</b> 2	1,839	54.51	( 101)
Demolition (20,920 sf)	m2	1,944	231.42	( 450)
Antiterrorism/Force Protection	LS	-	-	( 22)
TOTAL CONSTRUCTION COST				5121
				257
Contingencies (5.0%)				307
Supervision and Administration (5.7%)				
TOTAL PROJECT COST				5685
Equipment Funded Other Appropriations			(Non-Add)	( 830)

Construct Phase II of an Army Reserve Center (ARC) at the 1,400-member Grand Prairie Armed Forces Reserve Center (AFRC). The project includes demolition of buildings 11 and 48 containing 1,944 square meters (20,920 square feet) to clear the footprint for new construction. Buildings will be of permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, HVAC systems, mechanical & electrical systems, and security systems. Supporting facilities include paving, fencing, security lighting, general site improvements, and extension of utilities. 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: 274 kw/78 tons.

1. COMPONENT	FY 2006 MILITARY CO	ONETBUCTIO	N DDO IECT DATA	2. DATE
AR	FT 2000 WILLIART CO	ONSTRUCTIO	IN PROJECT DATA	Feb 05
3. INSTALLATION A	ND LOCATION			·
Reserve Com	plex			
Grand Prair	ie,TX			
4. PROJECT TITLE				5. PROJECT NUMBER
AR Center-E	h II			CAR 06-11444
11. REQUIREMENT	2,173 m2	Adequate:	0 m2	Substandard: 1,944 m2

0 m22,173 m2

PROJECT: Construct Phase II of an ARC. (Current Mission)

REQUIREMENTS: Phase II will provide facilities necessary to conduct and support training of 1,400 Army Reserve soldiers. It allows a Training Division to support Military Occupational Specialty (MOS) school training. The project provides for the construction of one new building. The Army Reserve building will provide educational areas for all units at the complex, but emphasis will be for classroom areas for the MOS schools taught by the Training Division. Phase I provided training/maintenance facilities for units stationed at the complex.

CURRENT SITUATION: The 90th Regional Readiness Command acquired the Grand Prairie Armed Forces Complex from the U.S. Navy in 1999. Acqusition of the complex allowed the Army Reserve to cancel three leased facilities at a savings of \$461,198 per year and return one government-owned facility on leased land to Fort Worth. The 95th Training Division has the mission of providing individual soldier skill training. Currently, most of the two-week annual training phases are taught at Fort Riley. The 95th Training Division has difficulty obtaining quality training facilities at this installation due to competition with active duty units.

IMPACT IF NOT PROVIDED: The units will not be able to properly train and be prepared to meet their readiness and mobilization objectives without adequate facilities. Additionally, the 95th Training Division will continue to compete for facilities that affect their ability to provide quality, meaningful training. This project will allow the 95th Training Division to conduct the majority of their training in quality, clean, state-of-the-art facilities. Movement of the schools to Grand Prairie will also ultimately save money through lower lodging, meal, and travel costs.

ADDITIONAL: This project was coordinated with the 90th 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 estimates have not been used to develop project cost. Sustainable principles will be integrated into the design, development,

<del></del>		
1. COMPONENT	EV 2006 MILITARY CONCERNATION PRO JECT DATA	2. DATE
AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	Feb 05
3. INSTALLATION A	ND LOCATION	<del></del>
Reserve Com		
Grand Prain		T
4. PROJECT TITLE AR Center-I		5. PROJECT NUMBER CAR 06-11444
	•• ••	07.11.11
11. REQUIREMENT (	CONT)	. <b></b> .
and constru	ction of the project in accordance with Executi	ve Order
	ther applicable laws and Executive Orders.	.ve Oldel
	The area of the ar	
JOINT USE C	ERTIFICATION: The Deputy Assistant Secretary of	of the Army
(Installati	ons and Housing) certifies that this project wa	s considered
	se potential. This facility will be available	for use by other
components.		
12. SUPPLEMENTA	L DATA	
	MENTAL DATA:	
	imated design data:	
(1) (a		06/02
(b		
(°C		
(d		
(e	) Parametric Cost Estimating Used to Develop C	ost. <u>Yes</u>
(f	) An energy study and life cycle cost analysis	will
	be documented during the final design	
(g		d - Build
(2) Bas		37
(a (b		
•	al Cost (c) = $(a) + (b)$ or $(d) + (e)$ :	(\$000)
(a, (a		• • • •
(b		
(c	) Total	683
(d	) Contract	546
(e		
	struction Award	
	struction Start	
(6) Con	struction Completion	<u>03/07</u>
	nt associated with this project which will be project.	covided from
other ag	opropriations:	
	Fiscal Year	
Equipme		Cost
Nomenclat	ture Appropriation Requested	(\$000)

				2. DATE
1. COMPONENT FY 200	6 MILITARY CONS	STRUCTION PRO	JECT DATA	1
AR				Feb 05
3. INSTALLATION AND LOCATIO	DN			
Reserve Complex Grand Prairie,TX				
4. PROJECT TITLE	•			5. PROJECT NUMBER CAR 06-11444
AR Center-Ph II				CAR 06-11444
12. SUPPLEMENTAL DATA (COI			· <del></del>	· · -
IT Equipment	OMAR	21	007	426
Furniture	OMAR		007	404
			Tota	al: 830
Point of Contact:	MAJ San Nicolas	, 703-601-1939		
•				
				:
				į
		•		

1. COMPONENT	FY 2006 C	<b>SUARD AND RES</b>	SERVE	2. DATE
AR	MILITAI	RY CONSTRUCT	ION	Feb 05
3. INSTALLATION AN	DLOCATION			4. AREA CONSTR COST INDEX
Fort McCoy,	WI			1.16
5. FREQUENCY AND	TYPE LITH IZATION		<del></del>	
o. The doction 7 the				
Reservist	-	3 weekends/m	onth 2	nights/week
Full-Time Pe	ersonnel -	5 days/week		
			·	
	JARD/RESERVE INSTALLATION			
•	/, Sparta, WI - 4.			
_	, Tomah, WI - 22.			
ARNG, Armory	, Black River Fal	ls, WI - 33.80	km	
7. PROJECTS REQUE	ESTED IN THIS PROGRAM			
CATEGORY CODE	PROJECT TITLE	sco	COST OPE (\$000)	(DESIGN STATUS) START COMPLET
178 M	odified Record Fi		296 m2 3,038	07/04 09/05
		(:	3,147 sf)	
	FORCES FACILITIES BOARD RE			
	FORCES FACILITIES BOARD RE		amined by the	16 Oct 2004
Facilities i		6 have been ex-		
Facilities i	identified in item ce Reserve Compone	6 have been example of the facility Boa	rd for possibl	.e (Date)
Facilities i	identified in item	6 have been example of the facility Boa	rd for possibl	.e (Date)
Facilities i	identified in item ce Reserve Compone xpansion. The boar	6 have been example of the facility Boa	rd for possibl	.e (Date)
Facilities i Joint Servic joint use/e	identified in item ce Reserve Compone xpansion. The boar	6 have been example of the facility Boa	rd for possibl	e (Date) ruction.
Facilities in Joint Service joint use/ex	identified in item ce Reserve Compone xpansion. The boar	6 have been example of the facility Boa	rd for possibl	e (Date) ruction.
Facilities in Joint Service joint use/exposers 9. LAND ACQUISITION None	identified in item ce Reserve Compone xpansion. The boar	6 have been exempt Facility Board recommends uni	rd for possibl	e (Date) ruction.
Facilities in Joint Service joint use/exposers 9. LAND ACQUISITION None	identified in item ce Reserve Compone xpansion. The boar	6 have been example of the facility Boa	rd for possibl	e (Date) ruction.
Joint Service joint use/expoint use/expoin	identified in item ce Reserve Compone xpansion. The boar NREQUIRED	6 have been exempt Facility Board recommends uni	rd for possibl	e (Date) ruction.
Facilities if Joint Service joint use/ex  9. LAND ACQUISITIO None  10. PROJECTS PLAN General Purp	identified in item ce Reserve Compone xpansion. The boar NREQUIRED  NREQUIRED  DOSE Warehouse	6 have been exempt Facility Board recommends uni	rd for possibl	e (Date) ruction.
Facilities if Joint Service joint use/ex  9. LAND ACQUISITIO None  10. PROJECTS PLAN General Purp NCO Academy	identified in item ce Reserve Compone xpansion. The boar NREQUIRED  NREQUIRED  DOSE Warehouse	6 have been example of have been example of the following states of the follow	COST (\$000)	e (Date) ruction.
Joint Service joint use/expoint use/expoin	identified in item ce Reserve Compone xpansion. The boar NREQUIRED  NED IN NEXT FOUR YEARS  cose Warehouse Ph II	6 have been example of have been example of the following states of the follow	COST (\$000)  13,700 22,732	e (Date) ruction.
Joint Service joint use/expoint use/expoin	identified in item ce Reserve Compone xpansion. The boar NREQUIRED  NED IN NEXT FOUR YEARS  cose Warehouse Ph II Classroom Facilit on Training Range te Facility	FISCAL YEAR  2007 2008 y 2009 2009 2009	COST (\$000)  13,700 22,732 7,815	e (Date) ruction.
Joint Service joint use/expoint use/expoin	MEDIN NEXTFOUR YEARS  OOSE Warehouse Ph II Classroom Facility On Training Range	FISCAL YEAR  2007 2008 y 2009 2009 2009	COST (\$000)  13,700 22,732 7,815 4,240	e (Date) ruction.
Joint Service joint use/expoint use/expoin	NED IN NEXT FOUR YEARS  OSE Warehouse Ph II Classroom Facility In Training Range Is College Training	FISCAL YEAR  2007 2008 y 2009 2009 2009	COST (\$000) 13,700 22,732 7,815 4,240 4,528	e (Date) ruction.
Joint Service joint use/expoint use/expoin	NED IN NEXT FOUR YEARS  OSE Warehouse Ph II Classroom Facility In Training Range Is College Training	FISCAL YEAR  2007 2008 y 2009 2009 g Fac 2010	COST (\$000) 13,700 22,732 7,815 4,240 4,528 27,500	e (Date) ruction.
Joint Service joint use/expoint use/expoin	NED IN NEXT FOUR YEARS  OSE Warehouse Ph II Classroom Facility In Training Range Is College Training	FISCAL YEAR  2007 2008 y 2009 2009 g Fac 2010	COST (\$000) 13,700 22,732 7,815 4,240 4,528 27,500	e (Date) ruction.
Joint Service joint use/expoint use/expoin	NED IN NEXT FOUR YEARS  OSE Warehouse Ph II Classroom Facility In Training Range Is College Training	FISCAL YEAR  2007 2008 y 2009 2009 g Fac 2010	COST (\$000) 13,700 22,732 7,815 4,240 4,528 27,500	e (Date) ruction.
Joint Service joint use/expoint use/expoin	NED IN NEXT FOUR YEARS  OSE Warehouse Ph II Classroom Facility In Training Range Is College Training	FISCAL YEAR  2007 2008 y 2009 2009 g Fac 2010	COST (\$000) 13,700 22,732 7,815 4,240 4,528 27,500	e (Date) ruction.
Joint Service joint use/expoint use/expoin	NED IN NEXT FOUR YEARS  OSE Warehouse Ph II Classroom Facility In Training Range Is College Training	FISCAL YEAR  2007 2008 y 2009 2009 g Fac 2010	COST (\$000) 13,700 22,732 7,815 4,240 4,528 27,500	e (Date) ruction.
Joint Service joint use/expoint use/expoin	NED IN NEXT FOUR YEARS  OSE Warehouse Ph II Classroom Facility In Training Range Is College Training	FISCAL YEAR  2007 2008 y 2009 2009 g Fac 2010	COST (\$000) 13,700 22,732 7,815 4,240 4,528 27,500	e (Date) ruction.

1. COMPONENT				AND RESERV	/E	2. DATI	
AR 3. INSTALLATION AN	ID LOCATION	WILHAR	Y CON	STRUCTION		Feb	
						cos	A CONSTR FINDEX
Fort McCoy,		<del></del>					1.16
11. PERSONNEL STE	RENGTH AS OF	N/A					
		PERMAN	ENT		GUA:	RD/RES	
	TOTAL		NLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED
AUTHORIZE	0		0	0	0	0	0
ACTUAL		0	0	0		0	0
12. RESERVE UNIT D	DATA	·-· -					<del>_</del>
	ASG	%0 HTUA\C		STF	RENGTH		
UNIT DESIG	INATION			AUTHORIZED	······································	CTUAL	
Totals						0	
Project is r	not stren	gth depend	ent.				
13. MAJOR EQUIPME	INT AND AIRCE	AET		<del></del>	<del></del>		
	INT AND AIRCR	AFI					
TYPE				AUTHORIZED	AC	CTUAL	
Tracked Vehi	icles			0		0	
Totals				0		0	
14. OUTSTANDING P	OLLUTION AND	SAFETY DEFICIE	NCIES		-		
					(\$000)		
Air Pollutio	n				0		
Water Pollut	ion				0		•
Safety and C	occupation	nal Health			0		

1. COMPONENT	EV 20	006 MILITARY CONS	TDUCT	ION DDO IECT	DATA	2. DATE
AR	F1 <b>2</b> 1	JOO MILITARY CONS	IRUCI	ION PROJECT	DATA	Feb 05
3. INSTALLATION AN	D LOCATI	ON		4. PROJECT TITLE		
Fort McCoy,	ΝI			Modified Re	ecord Fi	ire Range
5. PROGRAM ELEMI	ENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJEC	T COST (\$000)
0532292A		178	CAR	06-11542	3,038	

9. COST ESTIMATES

9. COST ESTIMA	ILES				
ITEM	U/M	QUANTITY	UNIT COST		COST (\$000)
PRIMARY FACILITIES:				_	1866
Control Tower (259 sf)	m2	24	6,720.02	(	162)
Range Opns/Storage Bldg (797 sf)	m2	75	1,008.04	(	75)
Gen Instr. Bldg (800 sf)	m2	75	1,092.97	(	82)
Ammo Storage Bldg (130 sf)	m2	13	2,649.54	(	32)
Covered Mess (797 sf)	m2	75	958.85	(	71)
Lartine,Dual Sex,w/water(364 sf)	m2	34	3,740.78	(	127)
Range Opns & Cntrl Area Sitework	LS	<b>→</b>	-	(	48)
Downrange Electrical	LS	-	-	(	150)
Bleacher Enclosure	EA	1	28,000.00	(	28)
One Man Walk-In Foxholes	EΑ	16	2,853.12	(	46)
Secondary Power/Data Distro Sys	LS	-	-	(	250)
Lane Markers	EA	18	100.00	(	2)
Range Fan Marker's	EA	2	100.00	{	1)
Target Emplacements (144 Total)	EA	144	5,500.00	(	792)
SUPPORTING FACILITIES:					871
Site Improvement	LS		_	(	282)
Maintenance Trails (12,050 sy)	<b>m</b> 2	10,075	31.10	(	314)
Electrical Service	LS	-	-	(	275)
		•		_	
TOTAL CONSTRUCTION COST					2737
Contingencies (5.0%)					137
Supervision and Administration (5.7%)					164
TOTAL PROJECT COST				_	3038
					3038
Equipment Funded Other Appropriations			(Non-Add)	(	620)
	l l	•			

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a Modified Record Fire Range consisting of 16 lanes. Each lane is 20 meters wide and displays 9 stationary targets from 50 to 300 meters downrange. Primary facilities include all construction within the perimeter of the range complex and consist of control tower, latrine, operations/storage building, two general instruction buildings, ammunition breakdown building, bleacher enclosure, covered mess, maintenance trails, parking areas, fighting positions, target emplacements, secondary power and data distribution system, communications, and site improvements. Support facilities include all

1. COMPONENT

# **FY 2006 MILITARY CONSTRUCTION PROJECT DATA**

2. DATE

Feb 05

AR

3. INSTALLATION AND LOCATION

Fort McCoy, WI

4. PROJECT TITLE

Modified Record Fire Range

5. PROJECT NUMBER CAR 06-11542

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION (CONT)

construction outside the perimeter of the range complex, which consists of constructing an entrance road, clearing, grubbing, grading, drainage, primary power, and communication lines. Air conditioning: 0 kw/0 tons.

11. REQUIREMENT:

296 m2

Adequate: 0 m2

Substandard: 186 m2

PROJECT: Construct a Modified Record Fire Range. (Current Mission)

REQUIREMENT: This project will provide realistic rifle marksmanship training for the 350 Reserve and Active Component units which train at Fort McCoy annually. The majority of the 122,000 soldiers that train annually at Fort McCoy are assigned the M-16 rifle as their individual weapon. This range will provide realistic training and qualification for those soldiers.

CURRENT SITUATION: The existing record fire range is substandard and cannot accommodate the numbers of soldiers requiring training on these weapons. The existing range is outdated requiring soldiers within the same unit to grade marksmanship scores which leads to bias in scoring and provides commander inaccurate information regarding unit readiness. The existing range does not adequately simulate realistic battlefield conditions as a range equipped with the automated target system would provide. The existing range does not have the ability to simulate hostile qunfire or muzzle flashes.

IMPACT IF NOT PROVIDED: If this project is not approved, individual marksmanship training and qualification of reserve component soldiers from the North Central United States will continue to qualify on a substandard and unrealistic range.

ADDITIONAL: This project has been 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 estimates were used to develop project cost.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint project use potential. This facility will be available for use by other components.

#### 12. SUPPLEMENTAL DATA

- a. Estimated design data:
  - (1) Status:

	EV 0000	MILITARY CONCTRI	ICTION DOO IECT DATA	2. DATE
R	FY 2006	MILITARY CONSTRU	JCTION PROJECT DATA	Feb 05
NSTALLATION AN	D LOCATION			<b></b>
rt McCoy,				
ROJECTITLE odified Re	cord Fire	e Range		5. PROJECT NUMBER CAR 06-11542
Jairrea Re	cold lii.	c Range		Ont 00 11312
SUPPLEMENTAL	DATA (CONT)			
(a				07/04
(b	) Perce	nt Complete as of J	January 2005	
(c			2	
(d			ng Hand to Davidon Co	
(e (f			ng Used to Develop Co e cycle cost analysis	
(1		cumented during the	——————————————————————————————————————	
(g	) Туре	of Design Contract.	<u>Design - B</u>	Bid - Build
(2) Bas				
(a	-		Design	
(b (3) To	•	(c) = (a) + (b) or	ecently Used (d) + (e) :	( <del>\$000)</del>
(3) 10 (a			Specifications	• • • • •
d)			· · · · · · · · · · · · · · · · · · ·	
(c	) Total			306
(d	•	act		231
(e	) In-ho	act use		<u>231</u> <u>75</u>
(e (4) Co	) In-ho nstructi	act use on Award		231 75 01/06
(e (4) Co (5) Co	) In-ho nstructi nstructi	act use on Award on Start		231 75 01/06 02/06
(e (4) Co (5) Co	) In-ho nstructi nstructi	act use on Award on Start		231 75 01/06 02/06
(e (4) Co (5) Co	) In-ho nstructi nstructi	act use on Award on Start		231 75 01/06 02/06
(e (4) Co (5) Co	) In-ho nstructi nstructi	act use on Award on Start		231 75 01/06 02/06
(e (4) Co (5) Co (6) Co	) In-ho nstructi nstructi nstructi	actuseon Awardon Starton Completion		231 75 01/06 02/06 02/07
(e (4) Co (5) Co (6) Co	) In-ho nstructi nstructi nstructi	actuseon Awardon Starton Completion		231 75 01/06 02/06 02/07
(e (4) Co (5) Co (6) Co	) In-ho nstructi nstructi nstructi	actuseon Awardon Starton Completion	ject which will be pro	231 75 01/06 02/06 02/07
(e (4) Co (5) Co (6) Co	) In-ho nstructi nstructi nstructi	act	ject which will be pro	$ \begin{array}{ccc}  & & & & \\  & & & & \\  & & & & \\  & & & &$
(e (4) Co (5) Co (6) Co . Equipmen other ap	) In-ho nstructi nstructi nstructi nt associ	act	ject which will be pro	231 75 01/06 02/06 02/07
(e (4) Co (5) Co (6) Co  . Equipmer other ar Equipme	) In-ho nstructi nstructi nstructi nt associ	act	ject which will be pro Fiscal Year Appropriated or Requested	$     \begin{array}{r}                                     $
(e (4) Co (5) Co (6) Co  . Equipment other and Equipment Nomenclar	) In-ho nstructi nstructi nstructi nt associ	act	ject which will be pro Fiscal Year Appropriated or Requested 2006	$     \begin{array}{c}                                     $
(e (4) Co (5) Co (6) Co  . Equipment other and Equipment Nomenclar	) In-ho nstructi nstructi nstructi nt associ	act	ject which will be professional Year Appropriated or Requested 2006 2007	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
(e (4) Co (5) Co (6) Co  . Equipment other and Equipment Nomenclar	) In-ho nstructi nstructi nstructi nt associ	act	ject which will be pro Fiscal Year Appropriated or Requested 2006	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
(e (4) Co (5) Co (6) Co  . Equipmer other ar Equipmer Nomenclar Targetry Furniture	) In-ho nstructi nstructi nstructi nt assoc: opropriat	act	ject which will be professional Year Appropriated or Requested 2006 2007	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
(e (4) Co (5) Co (6) Co co co Equipment other and Equipment of the Equipme	) In-ho nstructi nstructi nstructi nt assoc: opropriat	act	ject which will be professional Year Appropriated or Requested 2006 2007	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
(e (4) Co (5) Co (6) Co co co Equipment other and Equipment of the Equipme	) In-ho nstructi nstructi nstructi nt assoc: opropriat	act	ject which will be professional Year Appropriated or Requested 2006 2007	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
(e (4) Co (5) Co (6) Co co co Equipment other and Equipment of the Equipme	) In-ho nstructi nstructi nstructi nt assoc: opropriat	act	ject which will be professional Year Appropriated or Requested 2006 2007	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
(e (4) Co (5) Co (6) Co c. Equipment other ap	) In-ho nstructi nstructi nstructi nt assoc: opropriat	act	ject which will be professional Year Appropriated or Requested 2006 2007	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
(e (4) Co (5) Co (6) Co co co Equipment other and Equipment of the Equipme	) In-ho nstructi nstructi nstructi nt assoc: opropriat	act	ject which will be professional Year Appropriated or Requested 2006 2007	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
(e (4) Co (5) Co (6) Co  . Equipmer other ar Equipmer Nomenclar Targetry Furniture	) In-ho nstructi nstructi nstructi nt assoc: opropriat	act	ject which will be professional Year Appropriated or Requested 2006 2007	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

1. COMPONENT FY 2006 GUAR			2. DATE
AR MILITARY CO	ONSTRUCTIO	N	Feb 05
3. INSTALLATION AND LOCATION			4. AREA CONSTR COST INDEX
Fort McCoy, WI			1.16
5. FREQUENCY AND TYPE UTILIZATION		"	
Reservist - 3	weekends/mont	h 5	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, W.			
, , , , , , , , , , , , , , , , , , , ,			
7. PROJECTS REQUESTED IN THIS PROGRAM			
CATEGORY CODE PROJECT TITLE	CORE	COST	(DESIGN STATUS)
	SCOPE C `A5	(\$000)	START COMPLET
171 NCO Academy Ph I		4 m2 15,409	5 01/02 09/05
	(69, 4	42 sf)	
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMEN			16 Och 2004
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMEN Facilities identified in item 6 has Joint Service Reserve Component Fac joint use/expansion. The board rec	ve been examin cility Board	for possibl	e (Date)
Facilities identified in item 6 had Joint Service Reserve Component Facilities joint use/expansion. The board received	ve been examin cility Board	for possibl	e (Date)
Facilities identified in item 6 has Joint Service Reserve Component Facilities joint use/expansion. The board reconstruction REQUIRED	ve been examin cility Board	for possibl	e (Date)
Facilities identified in item 6 had Joint Service Reserve Component Facilities joint use/expansion. The board received	ve been examin cility Board	for possibl	e (Date)
Facilities identified in item 6 had Joint Service Reserve Component Facilities Joint use/expansion. The board reconstruction REQUIRED	ve been examin cility Board	for possibl	e (Date) ruction.
Facilities identified in item 6 had Joint Service Reserve Component Facilities Joint use/expansion. The board reconstruction REQUIRED  None	ve been examin cility Board	for possibl	e (Date) ruction.
Facilities identified in item 6 had Joint Service Reserve Component Facilities Joint use/expansion. The board reconstruction REQUIRED  None	ve been examinated on the cility Board on the commends unilated for the commends of the circumstance of th	for possibleral consti	e (Date) cuction.
Facilities identified in item 6 has Joint Service Reserve Component Fa- joint use/expansion. The board rec- 9. LAND ACQUISITION REQUIRED None  10. PROJECTS PLANNED IN NEXT FOUR YEARS	ve been examinocility Board ommends unilat	cost (\$000)	e (Date) cuction.
Facilities identified in item 6 has Joint Service Reserve Component Fa- joint use/expansion. The board rec- 9. LAND ACQUISITION REQUIRED None  10. PROJECTS PLANNED IN NEXT FOUR YEARS General Purpose Warehouse	ve been examinated been examinated been examinated been examinated by the second been examined by the second bee	cost (\$000)	e (Date) cuction.
Facilities identified in item 6 has Joint Service Reserve Component Fac joint use/expansion. The board rec  9. LAND ACQUISITION REQUIRED  None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse  NCO Academy Ph II	ve been examinated process of the second commends unilated process of the second commends unitarily and the seco	cost (\$000) 13,700 22,732	e (Date) cuction.
Facilities identified in item 6 has Joint Service Reserve Component Fa- joint use/expansion. The board rec- 9. LAND ACQUISITION REQUIRED None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range	ve been examinated processing the second commends unilated processing the second process of the second process	cost (\$000) 13,700 22,732 7,815	e (Date) cuction.
Facilities identified in item 6 has Joint Service Reserve Component Fa- joint use/expansion. The board rec- 9. LAND ACQUISITION REQUIRED None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range Central Issue Facility	FISCAL YEAR 2007 2008 2009	COST (\$000)  13,700 22,732 7,815 4,240	e (Date) ruction.
Facilities identified in item 6 has Joint Service Reserve Component Facility joint use/expansion. The board rece 9. LAND ACQUISITION REQUIRED None  10. PROJECTS PLANNED IN NEXT FOUR YEARS General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility	FISCAL YEAR 2007 2008 2009 2009	COST (\$000)  13,700 22,732 7,815 4,240 4,528	e (Date) ruction.
Facilities identified in item 6 has Joint Service Reserve Component Facility joint use/expansion. The board reco  9.LAND ACQUISITION REQUIRED  None  10.PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse  NCO Academy Ph II  RTS Medical Classroom Facility Qualification Training Range Central Issue Facility Combined Arms College Training Fac	FISCAL YEAR 2007 2008 2009 2009 2010	COST (\$000) 13,700 22,732 7,815 4,240 4,528 27,500	e (Date) ruction.
Facilities identified in item 6 has Joint Service Reserve Component Facility joint use/expansion. The board reco 9. LAND ACQUISITION REQUIRED None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range Central Issue Facility Combined Arms College Training Fac	FISCAL YEAR 2007 2008 2009 2009 2010	COST (\$000) 13,700 22,732 7,815 4,240 4,528 27,500	e (Date) ruction.
Facilities identified in item 6 has Joint Service Reserve Component Facility joint use/expansion. The board reco 9. LAND ACQUISITION REQUIRED None  10. PROJECTS PLANNED IN NEXT FOUR YEARS General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range Central Issue Facility Combined Arms College Training Fac	FISCAL YEAR 2007 2008 2009 2009 2010	COST (\$000) 13,700 22,732 7,815 4,240 4,528 27,500	e (Date) cuction.

AR MILITARY CONSTRUCTION  3. INSTALLATION AND LOCATION Fort McCoy, WI  11. PERSONNEL STRENGTH AS OF N/A  PERMANENT OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED	
FORT McCoy, WI COST INDEX  11. PERSONNEL STRENGTH AS OF N/A  PERMANENT GUARD/RES	
11. PERSONNEL STRENGTH AS OF N/A  PERMANENT GUARD/RES	- 1
PERMANENT GUARD/RES	
TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED	
	<u>'</u> _ ;
AUTHORIZE 0 0 0 0 0 0 0	_
ACTUAL 0 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	
Tracked Vehicles 0 0	
Totals 0 0	
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES	
(\$000)	
Air Pollution 0	
Water Pollution 0	
Safety and Occupational Health 0	
	ı

1. COMPONENT	EV 26	FY 2006 MILITARY CONSTRUCTION PROJECT DATA					2. DATE
AR	' ' ' '						Feb 05
3. INSTALLATION AN	ND LOCATION 4. PROJECT TITLE						
Fort McCoy,	ΝI	NCO Academy Ph I					
5. PROGRAM ELEMI	ENT	6. CATEGORY CODE		7. PROJECT NUMBER 8. PROJECT			T COST (\$000)
0533292A		171		CAR 06-11422 15,405			1

9. COST ESTIMATES

9. COST ESTIMATES							
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)			
PRIMARY FACILITIES:				11816			
Training Building (36,042 sf) PLDC Barracks (31,414 sf) Maintenance Bldg Add (1,594 sf) Maintenance Bldg Alt (392 sf) Building Information Systems Antiterrorism/Force Protection  SUPPORTING FACILITIES: Site Improvement Information Systems Paving (5,923 sy) Concrete Drill Pad (503 sy) Demolition (29,920 sf) Antiterrorism/Force Protection  TOTAL CONSTRUCTION COST Contingencies (5.0%) Supervision and Administration (5.7%)  TOTAL PROJECT COST	m2 m2 m2 LS LS LS LS m2 m2 LS	3,349 2,919 149 37 4,952 421 2,780	1,617.60 1,947.30 2,340.29 1,350.87 59.80 30.46 161.46	( 5417) ( 5684) ( 347) ( 50) ( 201) ( 117) 2064 ( 1181) ( 105) ( 297) ( 13)			
Equipment Funded Other Appropriations			(Non-Add)	( 2390)			

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct Phase I, Non-Commissioned Officer (NCO) Academy, consisting of a training building, barracks, and an addition/alteration to an existing Organizational Maintenance Shop (OMS) in support of the Primary Leadership Development Course (PLDC). The training building will consist of administrative offices, classrooms, instructor offices, storage, inprocessing room, medical offices, arms vault, and latrines. The barracks space will include cadre room, plus two-person configured barracks, computer lab, laundry room, dayroom, storage, and latrines and showers. Buildings will be permanent construction with reinforced concrete foundations and concrete floor slabs, structural steel frame, masonry veneer walls, standing seam metal roof or other approved roof system, heating, ventilation and air conditioning (HVAC) systems, mechanical systems, security systems (fire alarm connected via radio and intrusion alarms). In addition, the NCO

1. COMPONENT
AR

FY 2006 MILITARY CONSTRUCTION PROJECT DATA
Feb 05

3. INSTALLATION AND LOCATION
Fort McCoy, WI

4. PROJECT TITLE
NCO Academy Ph I

5. PROJECT NUMBER
CAR 06-11422

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION (CONT)

Academy buildings will be equipped with smoke/fire detection and sprinkler systems. The OMS addition/alteration will be of pre-engineered construction to match existing and include a new office space, a workbay, tool and parts storage, storage area, equipment alcove area, controlled waste storage, and flammable storage. Supporting facilities include site preparation, site improvement, concrete pad, paving, landscaping, and utilities. 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: 698 kw/199 tons.

11. REQUIREMENT:

6,454 m2

Adequate:

0 m2

Substandard: .2,780 m2

PROJECT: Construction of Phase I, NCO Academy. (Current Mission)

REQUIREMENT: This project will provide required facilities to support a maximum student load of 128 in the PLDC at the Fort McCoy NCO Academy. Space includes classrooms, computer lab, administrative support offices, instructor offices, barracks, storage, latrines and showers, laundry room and dayroom. In addition, project will provide required expansion of existing maintenance facility and NCO Academy administrative space. The following buildings have been identified for demolition and include: Bldg 1352 (5,000 sf), Bldg 1355 (5,000 sf), Bldg 1459 (3,000 sf), Bldg 1460 (3,000 sf), Bldg 1461 (3,000 sf), Bldg 1462 (3,000 sf), Bldg 1464 (2,640 sf), Bldg 1465 (2,640 sf) and Bldg 1466 (2,640 sf). A total of 2,780 square meters (29,920 square feet) will be demolished consistent with the equivalent square footage offset requirement.

CURRENT SITUATION: Current Fort McCoy NCO Academy functions are housed in 60 year old, World War II, wooden buildings. These facilities have well exceeded their economic life spans and do not meet Army standards for student classrooms or barracks. Army classroom facilities have separate spaces or rooms for instructor preparation, providing private space for grading papers, writing lesson plans, and counseling students. Fort McCoy NCO Academy classroom buildings, however, do not have this separate space, and many classroom facilities use workstation dividers in lieu of sufficient instructor office space.

IMPACT IF NOT PROVIDED: The substandard, decentralized and overcrowded condition of these facilities will continue to have a negative impact on the morale and training of soldiers as well as the instructors. Additionally, the condition of the NCO Academy facilities has a negative impact on course accreditation. Continued facility

DD FORM 1391c

Page 2 of 4 II-53

1. COMPONENT	EV COOR MULTA DV CONCEDUCTION DDO ICCE DATA	2. DATE
AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	
3. INSTALLATION AN	LOCATION	
Fort McCoy, W	I	
4. PROJECT TITLE	· · · · · · · · · · · · · · · · · · ·	5. PROJECT NUMBER
NCO Academy	Ph I	CAR 06-11422

#### 11. REQUIREMENT (CONT)

deficiencies could result in a loss of accreditation for the Academy.

ADDITIONAL: This project was coordinated with the Fort McCoy 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 is 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.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

## 12. SUPPLEMENTAL DATA

- a. Estimated design data:
- (1) Status: (a) Date Design Sta (b) Percent Complet

(f) An energy study and life cycle cost analysis will be documented during the final design.

(g) Type of Design Contract..... Design - Bid - Build

(2) Basis:

1. COMPONENT	TV 2000 MILITARY CONSTRUCTION DRO IECT DATA	2. DATE					
AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	Feb 05					
3. INSTALLATION AND LOCATION							
Fort McCoy,							
4. PROJECT TITLE		5. PROJECT NUMBER					
		CAR 06-11422					

# 12. SUPPLEMENTAL DATA (CONT)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)
IT Equipment	OMAR	2007	593
Furniture	OMAR	2008	1,541
Dehumidifier	OMAR	2007	2
Caging	OMAR	2007	171
Shelving	OMAR	2007	83
		Total:	2390

Point of Contact: MAJ San Nicolas, 703-601-1939

1. COMPONENT FY 2006 GUAR	D AND RESERVE		2. DATE
AR MILITARY CO	ONSTRUCTION		Feb 05
3. INSTALLATION AND LOCATION			4. AREA CONSTR COST INDEX
Fort McCoy, WI			1.16
5. FREQUENCY AND TYPE UTILIZATION			
Reservist - 3	weekends/month	5 n	ights/week
	days/week	0.7	ingree, week
ruii iime ieisoimei	dayo, week		
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN			
ARNG, Armory, Sparta, WI - 4.83 km			
ARNG, Armory, Tomah, WI - 22.53 km			•
ARNG, Armory, Black River Falls, W	I - 33.80 km		
7. PROJECTS REQUESTED IN THIS PROGRAM			
CATEGORY CODE PROJECT TITLE	SCOPE	COST	(DESIGN STATUS)
		(\$000)	
730 Public Safety Ctr/Commo T	·	-	01/04 09/05
	(18,562 sf	: )	
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMEN		<del></del>	
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENT Facilities identified in item 6 ha		y the	16 Oct 2004
	ve been examined b		
Facilities identified in item 6 ha	ve been examined b cility Board for p	ossible	(Date)
Facilities identified in item 6 ha Joint Service Reserve Component Fa	ve been examined b cility Board for p	ossible	(Date)
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec	ve been examined b cility Board for p	ossible	(Date)
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec	ve been examined b cility Board for p	ossible	(Date)
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec	ve been examined be cility Board for permends unilateral	constr	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec 9. LAND ACQUISITION REQUIRED None	ve been examined be cility Board for permends unilateral	constr	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec  9. LAND ACQUISITION REQUIRED  None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse	ve been examined be cility Board for percommends unilateral FISCAL CONTRACT (\$0.000)	constr	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec  9. LAND ACQUISITION REQUIRED  None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II	re been examined be acility Board for prommends unilateral for prompt for	constr	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec  9. LAND ACQUISITION REQUIRED  None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility	FISCAL COYEAR (\$0 2007 13, 2008 22, 2009 7,	constr	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec  9. LAND ACQUISITION REQUIRED  None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range	FISCAL COYEAR (\$0 2007 13, 2008 22, 2009 7, 2009 4,	constr constr 00) 700 732 815 240	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec  9. LAND ACQUISITION REQUIRED  None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range Central Issue Facility	FISCAL CO YEAR (\$0 2009 4, 2009 4, 2009 4,	ossible constr 00) 700 732 815 240 528	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec  9.LAND ACQUISITION REQUIRED  None  10.PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range Central Issue Facility Combined Arms College Training Fac	FISCAL CO YEAR (\$0 2009 4, 2009 27, 2010 27,	constr 00) 700 732 815 240 528 500	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec  9. LAND ACQUISITION REQUIRED  None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range Central Issue Facility Combined Arms College Training Fac	FISCAL CO YEAR (\$0 2009 4, 2009 27, 2010 27,	ossible constr 00) 700 732 815 240 528	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec  9. LAND ACQUISITION REQUIRED  None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range Central Issue Facility	FISCAL CO YEAR (\$0 2009 4, 2009 27, 2010 27,	constr 00) 700 732 815 240 528 500	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec  9. LAND ACQUISITION REQUIRED  None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range Central Issue Facility Combined Arms College Training Fac	FISCAL CO YEAR (\$0 2009 4, 2009 27, 2010 27,	constr 00) 700 732 815 240 528 500	(Date) uction.
Facilities identified in item 6 ha Joint Service Reserve Component Fa joint use/expansion. The board rec  9. LAND ACQUISITION REQUIRED  None  10. PROJECTS PLANNED IN NEXT FOUR YEARS  General Purpose Warehouse NCO Academy Ph II RTS Medical Classroom Facility Qualification Training Range Central Issue Facility Combined Arms College Training Fac	FISCAL CO YEAR (\$0 2009 4, 2009 27, 2010 27,	constr 00) 700 732 815 240 528 500	(Date) uction.

1. COMPONENT		FY 2006 G	UARD A	ND RESERV	/E	2. DAT	E
AR		MILITAR	RY CON	STRUCTION		Feb	05
3. INSTALLATION AN	D LOCATION						A CONSTR T INDEX
Fort McCoy,	WI					000	1.16
11. PERSONNEL STR	RENGTH AS OF	N/A					
	PERMANENT GUARI						
	TOTAL	OFFICER I	ENLISTED	CIVILIAN	TOTAL (	OFFICER	ENLISTED
AUTHORIZE	0	0	0	0	0	0	0
ACTUAL	0	0	0	0		0	0
12. RESERVE UNIT D	DATA						
ASGD/AUTH 0% STRENGTH							
UNIT DESIG	SNATION			AUTHORIZE	) A	CTUAL	
Totals				(	<u> </u>	0	
Project is not strength dependent.							
110,000 10 1	ioc ocien	gen depend					
13. MAJOR EQUIPME	ENT AND AIRCR	AFT					
TYPE				AUTHORIZED	AC	TUAL	
Tracked Vehi	icles			0		0	
Totals				0		0	
14. OUTSTANDING P	OLLUTION AND	SAFETY DEFICIE	NCIES			•	
					(\$000)		
Air Pollutio					0		
Water Pollut		3 77 313			0		
Safety and (	occupatio/	nal Health			0		

1. COMPONENT	EV 26	OC MUITADY CONC	2. DATE			
AR		006 MILITARY CONS	Feb 05			
3. INSTALLATION AN	3. INSTALLATION AND LOCATION 4. PROJECT TITLE					
Fort McCoy,	ΝI	Public Safety Ctr/				'Commo Tower
5. PROGRAM ELEMI	ENT	T 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT			T COST (\$000)	
0532292A		730	CAR	06-11272	5,365	

Ω	CCCT	<b>ESTIMATES</b>

9. COST ESTIMATES							
U/M	QUANTITY	UNIT COST	COST (\$000)				
			3527				
m2	1,489	1,861.73	( 2772)				
m2	236	505.47	( 120)				
EA	1	519,000.	( 519)				
LS	-	-	( 81)				
LS	-	-	( 35)				
			<u>1306</u>				
LS	-	-	( 701)				
LS	-	-	( 32)				
LS	-	-	( 172)				
m2	4,246	37.12	( 158)				
m2	860	269.10	( 232)				
LS	-	-	( 11)				
			4833				
			242				
}			290				
			5365				
			3303				
		(Non-Add)	( 765)				
	m2 m2 EA LS LS LS LS m2	m2 1,489 m2 236 EA 1 LS -	m2 1,489 1,861.73 m2 236 505.47 EA 1 519,000. LS LS LS - 37.12 m2 4,246 37.12 m2 860 269.10 LS				

Construct a Public Safety Center with communications tower and detached garage to shelter approximately 10 vehicles. Public Safety Center interior will consist of a standard police station and Criminal Investigation Division (CID) internal functions consisting of offices, classrooms, briefing rooms, holding cells, a communications room, file storage, general storage, arms room, physical security room, computer server room, evidence room, investigative room, etc. Permanent construction will include a foundation with reinforced concrete piers, concrete floor slabs, structural steel frame, masonry veneer walls, standing seam metal roof, heating, ventilation and air conditioning (HVAC) system, mechanical systems, emergency generator and security systems including fire alarms. Supporting facilities include a communications tower with associated emergency generator and shelter, telecommunication equipment, site improvements, paving, fencing, exterior lighting, landscaping, and utilities. Force protection

1. COMPONENT
AR

FY 2006 MILITARY CONSTRUCTION PROJECT DATA
Feb 05

3. INSTALLATION AND LOCATION
Fort McCoy, WI

4. PROJECT TITLE
Public Safety Ctr/Commo Tower

5. PROJECT NUMBER
CAR 06-11272

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION (CONT)

(physical security) measures will be incorporated into the design including maximum feasible standoff distance from roads and parking areas. Berms, heavy landscaping, and bollards will be used to prevent access when standoff distance cannot be maintained. Air Conditioning: 162 kw/46 tons.

11. REQUIREMENT: 1,725 m2 Adequate: 0 m2 Substandard: 860 m2

PROJECT: Construct a Public Safety Center with communications tower and detached garage. (Current Mission)

REQUIREMENT: This project will provide a Public Safety Center to accommodate the Fort McCoy Protective Service Divison (PSD) personnel and a detachment of the U.S. Army Criminal Investigation Division (CID). Under a recent reorganization, both the fire department and the police department are now subordinate to the PSD, which falls under the Directorate of Training, Mobilization, and Security. The PSD now has oversight of the Physical Security Branch (8 personnel), Intrusion Detection System Central Monitoring Station (4 personnel), the Law Enforcement Branch (83 personnel), and the Fire and Emergency Services Branch (36 personnel). The new facility will house all functions except the Fire and Emergency Services Branch, which is located in the adjacent building 1680. To provide all emergency services in one location, this facility will be constructed adjacent to the current fire station (building 1680). The new communications tower and its support systems will be located on the highest point on the installation, increasing radio coverage area to an estimated 95% of the installation for essential administrative, security, fire and Land Mobile Radio Systems (LMRS). LMRS have become such a vital part of the installation operations that the increased coverage, along with the additional tower capacity, is essential to maintain Fort McCoy's training capability. The tower would also have the capability of being used for any future radio systems, including Base Support Trunked Radio System (BSTRS) and any future non-tactical or administrative radio systems needed for the installation or its customers. Its existing antenna sites exceed capacity. As a power projection platform, the additional tower will provide a multiple antenna site for contingency purposes. The following buildings were identified for demolition: Bldg 2158 (214 m2/2,304 sf), Bldg 445 (251 m2/2,700 sf), Bldg 856 (233 m2/2,500 sf), and Bldg 1253 (163 m2/1,750 sf). A total of 860 square meters (9,254 square footage) is scheduled for demolition.

CURRENT SITUATION: The PSD currently occupies three World War II wood, buildings. The layout of these buildings was not designed for housing a police station operation and is inefficient. The Fort McCoy Fire Department which is part of the PSD organization is located in Building

1. COMPONENT
AR

FY 2006 MILITARY CONSTRUCTION PROJECT DATA
Feb 05

3. INSTALLATION AND LOCATION
Fort McCoy, WI

4. PROJECT TITLE
5. PROJECT NUMBER

11, REQUIREMENT (CONT)

Public Safety Ctr/Commo Tower

1680, some distance from the rest of the PSD. The new building will be adjacent to the Fire Department. The current Fort McCoy radio system is in need of replacement so that it can provide service to all elements that require use of the radio system.

IMPACT IF NOT PROVIDED: The PSD will continue to operate in an inefficient and uneconomical manner from WWII buildings which are not suitable for police station operations. The Fire Department, an element of the PSD, will continue to be separated from the other parts of the organization. Radio communications will continue to operate at less than desirable efficiency. Training units and security and fire personnel will continue to experience "dead" spots in radio coverage because the existing antenna sites are not at a high enough elevation to allow line of sight radio coverage in all training areas. Future radio systems will have to be installed in less than ideal locations, most likely on utility poles at lower elevations where their effectiveness will be limited.

ADDITIONAL: This project was coordinated with the Fort McCoy 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 is 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.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

## 12. SUPPLEMENTAL DATA

- a. Estimated design data:
  - (1) Status:

	Date Design Started	
(b)	Percent Complete as of January 2005	35%

- (e) Parametric Cost Estimating Used to Develop Cost.. Yes
- (f) An energy study and life cycle cost analysis will be documented during the final design.
- (q) Type of Design Contract..... Design Bid Build

CAR 06-11272

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05
3. INSTALLATION A	AND LOCATION	
Fort McCoy,	,WI	
4.PROJECT TITLE Public Safe	ety Ctr/Commo Tower	5. PROJECT NUMBER CAR 06-11272
12. SUPPLEMENTA	AL DATA (CONT)	•
(3) To (3) (4) (6) (4) Co (5) Co	asis:  a) Standard or Definitive Design  b) Where Design Was Most Recently Used  c) tal Cost (c) = (a) + (b) or (d) + (e) :  a) Production of Plans and Specifications  b) All Other Design Costs  c) Total  d) Contract  e) In-house  construction Award  construction Completion	N/A (\$000) 430 214 644 515 129 12/05 01/06

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)
IT Equipment	OMAR	2007	154
Furniture	OMAR	2007	537
Cages	OMAR	2006	40
Dehumidifier	OMAR	2007	2
Lockers	OMAR	2006	16
Shelving	OMAR	2006	16
		Total:	765

Point of Contact: MAJ San Nicolas, 703-601-1939

<b>.</b>	GUARD AND RESER	I
AR MILITA	RY CONSTRUCTION	N Feb 05
3. INSTALLATION AND LOCATION		4. AREA CONSTR COST INDEX
Fort McCoy, WI		1.16
5. FREQUENCY AND TYPE UTILIZATION		1.10
·		
Reservist -	3 weekends/month	h 2 nights/week
Full-Time Personnel -	5 days/week	
6. OTHER ACTIVE.GUARD/RESERVE INSTALLATION	NS WITHIN 15 MILE RADIUS	
ARNG, Armory, Sparta, WI - 4.	.83 km	
ARNG, Armory, Tomah, WI - 22.	.53 km	
ARNG, Armory, Black River Fal	lls, WI - 33.80 km	
7. PROJECTS REQUESTED IN THIS PROGRAM		
CATEGORY CODE PROJECT TITLE	SCOPE	COST (DESIGN STATUS) (\$000) START COMPLE
178 Shoot-House/AAR/Br		5 m2 1,700 07/04 09/0
170 Shoot house, AAR, BI	(4,016	• • • • • • • • • • • • •
8. STATE RESERVE FORCES FACILITIES BOARD RI	ECOMMENDATION	
Facilities identified in item	n 6 have been examin	ned by the $\frac{16}{10}$ Oct $\frac{2004}{100}$
Joint Service Reserve Compone	ent Facility Board .	for possible (Date)
joint use/expansion. The boar	rd recommends unilat	eral construction.
9. LAND ACQUISITION REQUIRED		, , , , , , , , , , , , , , , , , , ,
None		0
		(Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS	FISCAL	COST
	YEAR	(\$000)
General Purpose Warehouse	2007	13,700
NCO Academy Ph II	2008	22,732
RTS Medical Classroom Facilit Qualification Training Range	y 2009 2009	7,815
Central Issue Facility	2009	4,240 4,528
Combined Arms College Training		27,500
NCO Academy Ph III	2010	9,484
-		•
SRM Unfunded Requirements:	\$4,226 M	

1. COMPONENT				ND RESERV	E	2. DAT	
AR  3. INSTALLATION ANI	D.L.OCATION	MILITAK	Y CONS	TRUCTION	3.18.18	Feb	A CONSTR
							TINDEX
Fort McCoy,							1.16
11. PERSONNEL STR	ENGTH AS OF	N/A					
		PERMANI	ENT		GUAF	RD/RES	
	TOTAL		NLISTED	CIVILIAN	TOTAL C	OFFICER	ENLISTED
AUTHORIZE	0		0		0	0	0
ACTUAL -	0	0	0	<u> </u>		0	0
12. RESERVE UNIT D	ATA						
	ASG	O/AUTH 0%		STR	ENGTH		
UNIT DESIG	NATION			AUTHORIZED	A	CTUAL	
Totals				0		0	
Project is n	ot stren	gth depende	ent.				
13. MAJOR EQUIPME	NT AND AIRCR	AFT			·		
TYPE				AUTHORIZED	AC	TUAL	
Tracked Vehi	.cles			0		0	
Totals			-	0		0	
14. OUTSTANDING P	OLLUTION AND	SAFETY DEFICIEN	NCIES				
					(\$000)		
Air Pollutio	n				0		
Water Pollut	ion				0		
Safety and C	ccupatio	nal Health		0			

1. COMPONENT	, anne mil itady cone	2006 MILITARY CONSTRUCTION PROJECT DATA				
AR	ZUUD WILITART CONS					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
Fort McCoy, WI Shoot-House/AAF				e/AAR/Bi	reach Fac	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJEC	T COST (\$000)	
0505978A	178	CAR	06-11392	1,700		

9. COST ESTIMATES

9. COST ESTIMA	1153			
ITEM	U/M	QUANTITY	UNIT COST	COST . (\$000)
PRIMARY FACILITIES:				1296
Shoothouse (1,700 sf)	m2	158	4,305.57	( 680)
AAR Building (1,152 sf)	m2	108	1,157.12	( 124)
Ops/Storage building (800 sf)	m2	75	1,265.73	( 95)
Latrine, Dual Sex w/water(364 sf)	m2	. 34	3,740.78	( 127)
Breach Facility	EΑ	1	270,000.	( 270)
SUPPORTING FACILITIES:				235
Site Improvement	LS	-	-	( 95)
Telecommunications	LS	-	-	( 40)
Electrical Services	LS	-	-	( 50)
Service Roads	LS	_	-	( 50)
TOTAL CONSTRUCTION COST				1531
Contingencies (5.0%)				77
Supervision and Administration (5.7%)				92
TOTAL PROJECT COST				1700
TOTAL TROOBET COST				1700
Equipment Funded Other Appropriations			(Non-Add)	( 848)
			·	, 010/
				·
i	1	ī		<i>1</i>

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a live fire Shoot-House, After Action Review (AAR) Facility, and Breach Facility. The Shoot-House will allow soldiers to conduct live fire training under simulated close combat conditions. The AAR facility will be divided into separate rooms to conduct simultaneous AAR's, a master control room, and a storage/maintenance area. The AAR building will have full audio-visual recording and replay capability. The breach facility will be constructed to three standard breach stations for wall breaching, door breaching, and window breaching that enables the use of mechanical, thermal, ballistic, and explosive breaching techniques. Supporting facilities include all construction outside of the perimeter of the range complex, which consists of constructing an entrance road, telecommunications with fiber for the range complex systems, clearing, grubbing, grading, drainage, electrical services, and parking. Air conditioning: 0 kw/0 tons.

11. REQUIREMENT: 375 m2 Adequate: 0 m2 Substandard: 0 m2

PROJECT: Construct a Shoot-House, After Action Review (AAR) Building, and Breach Facility. (Current Mission)

DD FORM 1391

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE			
AR		Feb 05			
[ *************************************	INSTALLATION AND LOCATION Fort McCoy, WI				
4. PROJECT TITLE Shoot-House	/AAR/Breach Fac	5. PROJECT NUMBER CAR 06-11392			

## 11. REQUIREMENT (CONT)

REQUIREMENT: This project will provide a Shoot-House, AAR Building, and Breach Facility at Fort McCoy. Organizational changes of the 32d Brigade to a Light Infantry-Enhanced requires soldiers to conduct live fire training under close combat conditions in an urban environment. Soldiers are able to train on techniques to breach walls, windows, and doors. They also learn to employ mechanical, thermal, ballistic, and explosive techniques.

CURRENT SITUATION: Fort McCoy does not have a facility to meet these training requirements.

IMPACT IF NOT PROVIDED: Without this project, Fort McCoy will not have any facilities to train Army Reserve soldiers on techniques to breach doors, windows, and walls using the proper mechanical, thermal, ballistic and/or explosive.

ADDITIONAL: This project was coordinated with the Fort McCoy 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 is 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.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.

## 12. SUPPLEMENTAL DATA

- a. Estimated design data:
  - (1) Status:

(a)	Percent Complete as of Dandary 2005	138
(1- X	Percent Complete as of January 2005	1 5 9
(a)	Date Design Started	07/04

- (e) Parametric Cost Estimating Used to Develop Cost.. Yes
- (f) An energy study and life cycle cost analysis will be documented during the final design.
- (g) Type of Design Contract..... Design Bid Build

			1
1. COMPONENT	EV 2006 MILITARY CONS	STRUCTION PROJECT DATA	2. DATE
AR	1 . ZUUV MILITAINI OOM	JINGO HON I NOULOI DAIA	Feb 05
3. INSTALLATION AN	D LOCATION		
Fort McCoy,	VI.		
4. PROJECT TITLE			5. PROJECT NUMBER
Shoot-House,	'AAR/Breach Fac		CAR 06-11392
12. SUPPLEMENTAL	DATA (CONT)		<del></del>
	sis:		
(a		tve Design	
(b (3) To	)   Where Design Was Mos tal Cost (c) = (a) + (b	st Recently Used	N/A (\$000)
(3) 10 (a	Production of Plans	and Specifications	164
(b		sts	
(c (d		, , , , , , , , , , , , , , , , , , ,	204 196
(e	In-house		8
· - /			
(0)			<del></del>
, , , , , ,	<b>r</b>		
	propriations: nt Procuring	project which will be pro Fiscal Year Appropriated or n Requested	Cost (\$000)
Targetry &	Instrum OPA	2006	818
Furniture	OMAR	2007	30
		Tota	al: 848
		2 (01 1012	
Point of Co	ontact: MAJ Nguyen, 70	3-601-1940	

1. COMPONENT	FY 2006 GUARD AN	D RESERVE		2. DATE
AR	MILITARY CONST	RUCTION		Feb 05
3. INSTALLATION A	ND LOCATION			4. AREA CONSTR COST INDEX
AR Center, Wa	ausau, WI			1.08
5. FREQUENCY AND	TYPE UTILIZATION			
Reservist	- 2 weel	cends/month	7	nights/week
			1	nights/week
Full-Time P	ersonnel – 5 days	s/week		
6 OTHER ACTIVE C	UARD/RESERVE INSTALLATIONS WITHIN 15 M	U.E. DADUIG		
	r, Junction City, WI - 48.2			
	r, Wausau, WI - 8.05 km	<i>y</i> 1		
	r, Eau Claire, WI - 160.93 1	km		
	r, Green Bay, WI - 160.93 km			
	r, Fort McCoy, WI - 177.03			
obinty odnied	ry role necoy, wi	SIII		
7. PROJECTS REQU	ESTED IN THIS PROGRAM			
CATEGORY			COST	(DESIGN STATUS)
CODE	PROJECT TITLE	SCOPE	(\$000)	START COMPLETE
171	AR Center/OMS/Unh Storage		2 11,098	06/04 01/05
		(43,468 s	sf)	
8, STATE RESERVE	FORCES FACILITIES BOARD RECOMMENDATION	<u></u>		
	identified in item 6 have be		by the 1	6 Oct 2004
	ce Reserve Component Facilit			
joint use/e	xpansion. The board recommen	- ndsunilatera	l constr	uction.
	·			
9. LAND ACQUISITIO	N REQUIRED			
None				0
				(Number of Acres)
10 PROJECTS PLAN	NNED IN NEXT FOUR YEARS FISC	AI C	COST	
10.1 NOSEGIOTEA	YEA	-	\$000)	
None				
				·

1. COMPONENT				ND RESERVE	=	2. DAT	E
AR		MILITAR	Y CONS	STRUCTION _		Feb	
3. INSTALLATION AND LOCATION				A CONSTR T INDEX			
AR Center,Wa	usau, WI						1.08
11. PERSONNEL STI	RENGTH AS OF	15 Nov 200	4				
		PERMANI	F.NT		GUA	ARD/RES	
	TOTAL	OFFICER EN		CIVILIAN		OFFICER	ENLISTED
AUTHORIZE	12	1	7	4	192	11	181
ACTUAL	12	1	7	4	159	10	149
12. RESERVE UNIT	DATA						
	ASGI	O/AUTH 83	9	STR	ENGTH		
UNIT DESIG	NOITAN			AUTHORIZED		ACTUAL	
DET 1 376 F	IN SUP UN	IIT		21		21	
DET 2 376 F				21		20	
DET 3 376 F				21		6	
HHD 376 FIN				30 99		18 94	
397 ENGR BN	,			192		159	
Totals						133	
13. MAJOR EQUIPM	ENT AND AIRC	RAFT					
TYPE				AUTHORIZED	A	CTUAL	
Wheeled Veh	icles			33		21	
Trailers				38		25	
Tracked Veh	icles			15		9	
Totals				86		55	
14. OUTSTANDING	POLILUTION AN	D SAFETY DEFICI	ENCIES				· ·
					(\$000	)	
Air Polluti					(		
Water Pollu					(		
Safety and	Occupatio	nal Health			(	)	

1. COMPONENT	FV 0	006 MILITARY CONSTRUCTION PROJECT DATA				2. DATE
AR	FY 20					Feb 05
3. INSTALLATION AN	3. INSTALLATION AND LOCATION 4. PROJECT TITLE					
AR Center Wausau,WI	AR Center/OMS/Unn Storage			Storage		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJ	7. PROJECT NUMBER 8. F		T COST (\$000)
0532292A		171	CAR	CAR 06-00203		3

9. COST ESTIMATES							
ITEM	U/M	QUANTITY	UNIT COST		COST (\$000)		
PRIMARY FACILITIES:				_	6494		
Training Building (39,347 sf)	m2	3,656	1,534.72	(	5611)		
Maintenance Building (2,904 sf)	m2	270	2,168.61	,	586)		
Unheated Storage (1,217 sf)	m2	114	1,141.30	(	130)		
Building Information Systems	LS	-	-	(	102)		
Antiterrorism/Force Protection	LS		-	(	65)		
SUPPORTING FACILITIES:				_	31 <u>57</u>		
Site Improvement	LS	-	-	(	1762)		
Information Systems	LS		-	(	118)		
Paving POV/MEP/Roads (6,140 sf)	m2	5,134	54.00	{	278)		
Wash Platform	LS	-	-	(	65)		
Land Acquisition	LS	-	-	(	900)		
Antiterrorism/Force Protection	LS	_	_	(	34)		
imerecized and record				_			
TOTAL CONSTRUCTION COST		ļ ,			9651		
Contingencies (5.0%)					483		
Supervision and Administration (5.7%)	1	ì			578		
Design - Build (4.0%)					386		
					11000		
TOTAL PROJECT COST					11098		
Equipment Funded Other Appropriations	:		(Non-Add)	(	1206)		

# 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a 200-member Army Reserve Center (ARC) and an Organizational Maintenance Shop (OMS) with attached unheated storage. The buildings will be permanent construction with reinforced concrete foundations and floors, structural steel frames, insulated masonry veneer exterior walls, and metal roofing. Facility will have simple and efficient mechanical and electrical systems. Supporting facilities will include paving, fencing, site improvements, 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: 387 kw/110 tons.

11. REQUIREMENT: 4,040 m2 Adequate: 0 m2 Substandard: 0 m2

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AR		
3.INSTALLATION AN AR Center Wausau,WI	D LOCATION	
4. PROJECT TITLE AR Center/C	MS/Unh Storage	5. PROJECT NUMBER CAR 06-00203

11. REQUIREMENT:

4,040 m2

Adequate:

0 m2

Substandard: ()

PROJECT: Construct a 200-member ARC, OMS, and an unheated storage building. (Current Mission)

REQUIREMENT: This project will provide a 200-member training facility with administrative areas, classrooms, library, learning center, assembly hall, arms vault, kitchen, and unit storage areas for two Army Reserve units. The maintenance shop will provide space for training to accomplish organizational maintenance on equipment. Adequate off street parking will be provided for assigned military and privatel-owned vehicles.

CURRENT SITUATION: Two AR units (204 personnel) are currently located in an overcrowded, 15,356 square foot (60-member) Reserve Center in Wausau. Additional space of 7,200 square feet is leased to store unit equipment. The Reserve Center is 44 years old and requires extensive renovation and expansion to support current operations. The assembly area is used as a storage and office area. The assembly area is simultaneously used for classes, creating a difficult and noisy training environment. The center is located adjacent to residential areas. The noise generated by vehicular maintenance activities and associated traffic has a negative impact on these residences. The existing four acre site is too small to accommodate the required military equipment and privately owned vehicles. Personnel must park on public streets, often in front of the adjacent homes. No suitable adjacent or nearby land is available for purchase to provide off-street parking. These conditions preclude the possibility of expansion on site. Upon completion of this project the government-owned facilities will be excessed and the lease will be terminated.

IMPACT IF NOT PROVIDED: The units will continue to train in substandard facilities, negatively impacting unit readiness and their ability to meet mobilization objectives. Acquisition of additional or replacement leased facilities will be required to relieve overcrowding in the existing governmen-owned facilities.

ADDITIONAL: This project was coordinated with the 88th 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 is based on Modular Design System project engineering. Sustainable principles will be integrated into the design, development, and construction of the projec in accordance with Executive Order 13121 and

1. COMPONENT	1. COMPONENT FY 2006 MILITARY CONSTRUCTION PROJECT DATA		
AR		Feb 05	
3.INSTALLATION A AR Center Wausau,WI	ND LOCATION		
4. PROJECT TITLE AR Center/	DMS/Unh Storage	5. PROJECT NUMBER CAR 06-00203	
11. REQUIREMENT	CONT)		
other appli	cable laws and Executive Orders.		
	CERTIFICATION: The Deputy Assistant Secretary of on and Housing) certifies that this project has		

considered for joint use potential. This facility will be available for

# 12. SUPPLEMENTAL DATA

a. Estimated design data:

use by other components.

(1) Status:

(a)	Date Design Started <u>06</u> /	<u>U4</u>	
(b)	Percent Complete as of January 2005 3	<u> 58</u>	
101	Date Design 35% Complete 01/	'ሰ5	

- (e) Parametric Cost Estimating Used to Develop Cost. Yes
- f) An energy study and life cycle cost analysis will be documented during the final design.
- (g) Type of Design Contract..... Design Build
- (2) Basis:
- (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)

- (6) Construction Completion......<u>09/07</u>
- b. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Cost (\$000)	
IT Equipment	OMAR	2007	285
Furniture	OMAR	2007	395
Kitchen equipment	OMAR	2007	90
Cages	OMAR	2007	223

00101

1. COMPONENT	TV 0000 MILITARY O	ONOTRUCTION PRO IECT DATA	2. DATE	
AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA			
3. INSTALLATION AND	LOCATION			
AR Center Wausau,WI				
4. PROJECT TITLE AR Center/OM	S/Unh Storage		5. PROJECT NUMBER CAR 06-00203	
12, SUPPLEMENTAL D	ATA (CONT)			
Physical Fit	tness OMAR	2007	60	
Metal locke:	rs OMAR	2007	16	
Dehumidifie:	c OMAR	2007	1	
Shelving	OMAR	2007	136	
		Tota	al: 1206	

Point of Contact: MAJ San Nicolas, 703-601-1939

1. COMPONENT	FY 2006 GUARD AND	RESERVE	2. DATE
AR	MILITARY CONST	RUCTION	Feb 05
3. INSTALLATION A	ID LOCATION		4. AREA CONSTR COST INDEX
AR Center,	Camp Santiago, PR		1.36
5. FREQUENCY ANI	TYPE UTILIZATION		
Reservist	- 3 weeken	nds/month 2 n	ights/week
Full-Time F	ersonnel – 5 days/w	reek	
		•	
	UARD/RESERVE INSTALLATIONS WITHIN 15 MILE F	RADIUS	
•	r, Ramey, PR - 3.22 km		
	y, Ramey, PR - 4.83 km r, Aguadilla, PR - 12.87 km		
AR, Cente	i, Aguadilla, FR - 12.0, Am		
7. PROJECTS REQU	ESTED IN THIS PROGRAM	-	
CATEGORY	DDO ISCT TITLE	COST	(DESIGN STATUS)
CODE	PROJECT TITLE	SCOPE (\$000) 296 m2 2,000	START         COMPLETE           07/04         09/05
178	Modified Record Fire Range	(3,147 sf)	07704 09703
0 STATE DESERVE	FORCES FACILITIES BOARD RECOMMENDATION	<u></u>	
	identified in item 6 have been	en examined by the $^{1}$	.9 Sep 2004
Joint Serv	ce Reserve Component Facility	y Board for possible	(Date)
joint use/	expansion. The board recommend	dsunilateral constr	uction.
<u></u>			
9, LAND ACQUISIT	ON REQUIRED		0
None			(Number of Acres)
		_	
10. PROJECTS PLA	NNED IN NEXT FOUR YEARS FISCAL YEAR		
None			
None			

1. COMPONENT				ND RESERV	/E	2. DAT			
AR		MILITAR'	Y CONS	TRUCTION		Feb			
3. INSTALLATION AN	ID LOCATION						A CONSTR T INDEX		
AR Center, C	Camp Sant:	ago, PR					1.36		
11. PERSONNEL ST	RENGTH AS OF	N/A							
		PERMANI	ENT		GUARD/RES				
	TOTAL.	OFFICER E	NLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED		
AUTHORIZE	0	0	0	0	0	0	0		
ACTUAL	0	0	0	0		0	0		
12. RESERVE UNIT I	DATA	<u></u>			<u>.</u>		· <del></del>		
	ASGI	O/AUTH 0%		STE	RENGTH				
UNIT DESIGNATION			AUTHORIZE	) A	CTUAL				
Totals				(	)	0			
Project is	not stren	gth depende	ent.						
13. MAJOR EQUIPM	ENT AND AIRCR	AFT		-					
TYPE				AUTHORIZED	AG	CTUAL			
Tracked Veh	icles			0		0			
Totals				0		0			
14. OUTSTANDING	POLLUTION AND	SAFETY DEFICIE	NCIES						
				(\$000)					
Air Polluti	on			0					
Water Pollu				0					
Safety and	Occupatio	nal Health		0					

1. COMPONENT	EV 04	2006 MILITARY CONSTRUCTION PROJECT DA			DATA	2. DATE	
	FY 20	JUB MILITARY CONS	IRUCI	ION PROJECT	DATA	Feb 05	
3. INSTALLATION A	B. INSTALLATION AND LOCATION 4. PROJECT TITLE						
AR Center Camp Santia	ago, PR			Modified Record Fire Range			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJI	7. PROJECT NUMBER 8. PROJE		T COST (\$000)	
0532292A		178	CAR	CAR 06-11825 2,000			

, 000223211				•		
	9. COST ESTI	MATES				
	ITEM	U/M	QUANTITY	UNIT COST		COST (\$000)
PRIMARY FACILITI	ES:				_	1083
Control Tower	(259 sf)	m2	24	6,720.02	(	162)
Latrine, Dual	Sex,w/water (364 sf)	m2	34	3,740.78	(	127)
Range Opns/Sto	rage Bldg (797 sf)	m2	75	1,008.04	(	75)
Gen Instr. Bld	g (800 sf)	m2	75	1,092.97	(	82)
Ammo Storage B	ldg (130 sf)	m2	13	1,364.66	(	17)
Bleacher Enclo	sure	EA	1	28,000.00	(	28)
Covered Mess (	797 sf)	m2	75	958.85	(	71)
One Man Walk-I	n Foxholes	EA	8	2,853.12	{	23)
Lane Markers		EA	10	100.00	(	1)
Range Fan Mark	er's	EA	2	100.00	(	1)
Target Emplace		EA	72	5,500.00	(	396)
Downrange Elec	trical	. LS	-	-	(	100)
SUPPORTING FACII	LITIES:				_	718
Site Improveme	nt	LS	-	-	(	180)
Maintenance Tr	ails (11,000 sy)	m2	9,197	31.10	(	286)
Electrical Uti	lities	LS	-	-	(	200)
Water & Sewers		LS	-		(	52)
TOTAL CONSTRUCT	ION COST				_	1001
Contingencies						1801 91
	d Administration (5.79	<sub>&amp; 1</sub>				108
Supervision an	MANUFICIALIST (5.7	٥, ا	! !		-	100
TOTAL PROJECT CO	OST	l				2000
Equipment Funded	d Other Appropriations			(Non-Add)	(	573)

# 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a Modified Record Fire Range consisting of 8 lanes. Each lane is 20 meters wide and displays 9 stationary targets from 50 to 300 meters downrange. Primary facilities include all construction within the perimeter of the range complex and consist of control tower, latrine, operations/storage building, general instruction building, ammunition breakdown building, bleacher enclosure, covered mess, maintenance trails, parking areas, fighting positions, target emplacements, secondary power and data distribution system, communications, and site improvements. Support facilities include all construction outside the perimeter of the range complex, which consists

1. COMPONENT

# FY 2006 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

ΑF

3. INSTALLATION AND LOCATION

AR Center

Camp Santiago, PR

4. PROJECT TITLE

Modified Record Fire Range

5. PROJECT NUMBER CAR 06-11825

Feb 05

## 10. DESCRIPTION OF PROPOSED CONSTRUCTION (CONT)

of constructing entrance road, clearing, grubbing, grading, drainage, primary power, and communication lines. Air conditioning required for Control Tower and Operations/Storage Building. Air conditioning: 11 kw/3 tons.

11. REQUIREMENT:

296 m2

Adequate:

0 m2

Substandard: 0 m2

PROJECT: Construct a standard Modified Record Fire Range. (Current Mission)

REQUIREMENT: This project will provide realistic rifle marksmanship training annually for all assigned Reserve units at the Ramey AR Center. There are over 800 soldiers that train annually with the M-16 rifle as their individual weapon. This range will provide realistic training and qualification for those soldiers.

CURRENT SITUATION: The existing record fire range is located at Camp Santiago, PR (more than 2 hours away), and it belongs to the PRARNG. The existing range cannot accommodate the numbers of soldiers requiring training on their assigned weapons. The existing range is outdated requiring soldiers within the same unit to grade marksmanship scores which leads to bias in scoring and provides commander inaccurate information regarding unit readiness. The existing range does not adequately simulate realistic battlefield conditions as a range equipped with the automated target system would provide. The existing range does not have the ability to simulate hostile gunfire or muzzle flashes.

IMPACT IF NOT PROVIDED: If this project is not approved, individual marksmanship training and qualification of reserve component soldiers from Puerto Rico will continue to qualify on a substandard and unrealistic range.

ADDITIONAL: This project has been coordinated with the 65th 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 estimates were used to develop project cost.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint project use potential. This facility will be available for use by other components.

12. SUPPLEMENTAL DATA

1. COMPONENT FY 2006 MILITARY CONSTRUCTION PE				OTION DDG IEGT DATA	2. DATE
AR		FY 2006	MILITARY CONSTRU	CTION PROJECT DATA	Feb 05
3. INS	TALLATIO	ON AND LOCATION			
	Cente				
		tiago,PR		<del> </del>	5 DDG (507 )   1 10 DD
	OJECT TI	T <b>LE</b> l Record Fire	Pango	•	5. PROJECT NUMBER CAR 06-11825
MOC	irrec	Recold File	: Nange		
12. S	UPPLEME	NTAL DATA			
a.	Esti	mated design	data:		
	(1)	Status:			
				anuary 2005	
				ng Used to Develop Co	
		• •		cycle cost analysis	
		• •	cumented during the	4	
		(g) Type o	of Design Contract.	Design - B	id - Build
	(2)	Basis:			
				esign	
			-	cently Used	
	(3)		(c) = (a) + (b)  or		( <del>\$000)</del>
				Specifications	
			=		
		• •			
					· —
	(4)	Constructio	on Award		$\dots \overline{01/06}$
	(5)	Construction	n Start		
	(6)	Construction	on Completion		$02/07$
b.				ect which will be pro	ovided from
b.		oment associa r appropriat		ect which will be pro	ovided from
b.				ect which will be pro Fiscal Year	ovided from
b.	othe:			Fiscal Year Appropriated or	Cost
	othe: Equi	r appropriat.	ions:	Fiscal Year	
_	othe: Equi Nomen	r appropriat.  pment  clature	ions: Procuring	Fiscal Year Appropriated or	Cost (\$000)
– Tá	othe: Equi	pment	ions: Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost

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

573

Total:

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA					2. Date	
AR						Feb 05	
3. INSTALLATION AN	ID LOCAT	ON		4. PROJECT TITLE	=		
Worldwide Unspecified				Planning and Design			
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJECT COST (\$000)		
0532292A		999	N/A		14,416		
0.0007 FOTHATES							

9. COST ESTIMATES						
ITEM	<b>U/M</b>	QUANTITY	UNIT COST	COST (\$000)		
Planning and Design	rs			14,416		

# 10. DESCRIPTION OF PROPOSED CONSTRUTION

This item provides for parametric, concept, and final design of major and unspecified minor military construction projects; value engineering; and the development of standards and criteria for Army Reserve projects.

## 11. REQUIREMENT:

This funding is required to provide design and engineering services for Military Construction, Army Reserve (MCAR), and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard (conventional) functional layouts. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contractors, and administrative support functions. These funds are required for accomplishment of correction, review, reproduction and advertisement of projects in the FY 06 program; for advancement to final design of projects in FY 07; for initiation of design of projects in FY 08; and for initiation of preconcept design activities for projects in FY 09. 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.

Point of Contact: Mr Sugimura 703-601-1938

1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA				2. Date Feb 05	
3. INSTALLATION AND LOCATION				4. PROJECT TITLE Unspecified Minor Construction		
Worldwide Unspecified  5. PROGRAM ELEMENT 6. CATEGORY CODE		7. PROJ	7. PROJECT NUMBER		8. PROJECT COST (\$000)	
0532292A		999	N/A		2,979	

9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
Unspecified Minor Construction	LS			2,979	
		•			
			ļ		
			]		

# 10. DESCRIPTION OF PROPOSED CONSTRUTION

Provides for Unspecified Minor construction projects which have a funding cost of \$1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under 10 USC 18233a(a)(1). The funded cost limit can be \$3,000,000 if the project is intended solely to correct a deficiency that is life, health, or safety threatening.

# 11. REQUIREMENT:

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.

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.

Point of Contact: Mr Sugimura 703-601-1938