

DEPARTMENT OF THE ARMY
UNITED STATES ARMY RESERVE

FISCAL YEAR (FY) 2006/2007
BUDGET ESTIMATES

MILITARY CONSTRUCTION

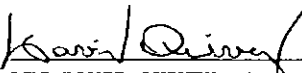


FY 2006
SUBMITTED TO CONGRESS
FEBRUARY 2005

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NO OBJECTION TO SECURITY RELEASE:


LTC DAVID QUIVEY, DAAR-PAE

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

State/ Country	Installation and Location Project Title	Auth of Approp	Approp Amount	New/ Current Mission	DD Form 1391 Page No.
Inside the United States					
California	Fort Hunter-Liggett				
	Shoot-House/After Action Review Fac	1,700	1,700	C	II-I
	Urban Assault Course	<u>1,500</u>	<u>1,500</u>	C	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>	C	II-11
	Subtotal	6,376	6,376		
New Jersey	Fort Dix				
	Shoot-House/After Action Review Facility/ Breach Facility	<u>1,569</u>	<u>1,569</u>	C	II-16
	Subtotal	1,569	1,569		
Pennsylvania	Bellefonte				
	AR Center/Organizational Maintenance Shop/Unheated Storage	8,355	8,355	C	II-21
	Erie				
	AR Center/Organizational Maintenance Shop/Unheated Storage	<u>9,367</u>	<u>9,367</u>	C	II-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>	C	II-39
	Subtotal	5,685	5,685		
Wisconsin	Fort McCoy				
	Modified Record Fire Range	3,038	3,038	C	II-45
	NCO Academy PH I	15,405	15,405	C	II-50
	Public Safety Center/Communications Tower	5,365	5,365	C	II-56
	Shoot-House/After Action Rev Facility/ Breach Facility	1,700	1,700	C	II-62
	Wausau				
	AR Center/Organizational Maintenance Shop/Unheated Storage	<u>11,098</u>	<u>11,098</u>	C	II-67
	Subtotal	36,606	36,606		

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<u>State/ Country</u>	<u>Installation and Location Project Title</u>	<u>Auth of Approp</u>	<u>Approp Amount</u>	<u>New/ Current Mission</u>	DD Form 1391 <u>Page No.</u>
	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		

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

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

Military Construction, Army Reserve Outyear Project Data

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Existing Mission	Existing Footprint	Budgeted Amount	Change From Previous Submission
USAR	2006	2086 Victorville		CA	Land Acquisition	171	0532292A	O	O	0	-1110
USAR	2006	2086 Ft Hunter-Liggett		CA	Shoot-House/AR Fac	178	0532292A	Y	N	1700	1700
USAR	2006	2086 Ft Hunter-Liggett		CA	Urban Assault Course	178	0532292A	Y	N	1500	1500
USAR	2006	2086 New Century		KS	ARC/OMS/AMSA/Unh Strg PH II	171	0532292A	Y	Y	6376	6376
USAR	2006	2086 Omaha		NE	Land Acquisition	171	0532292A	O	O	0	-3119
USAR	2006	2086 Ft Dix		NJ	Shoot-House/AR Fac/Breach Fac	178	0532292A	Y	N	1569	1569
USAR	2006	2086 Bellefonte		PA	ARC/OMS/Unh Strg	171	0532292A	Y	Y	8355	8355
USAR	2006	2086 Erie		PA	ARC/OMS/Unh Strg	171	0532292A	Y	Y	9367	9367
USAR	2006	2086 Greenville		SC	ARC/OMS/AMSA/Unh Strg	171	0502576A	Y	Y	15524	3540
USAR	2006	2086 Grand Prairie		TX	ARC PH II	171	0532292A	Y	Y	5683	-164
USAR	2006	2086 Tacoma		WA	Pier Fac PH II	151	0532292A	Y	Y	0	-7390
USAR	2006	2086 Vancouver		WA	ARC/OMS/AMSA/Unh Strg	171	0532292A	Y	Y	0	-25722
USAR	2006	2086 Ft McCoy		WI	Modified Record Fire Range	171	0532292A	Y	Y	3038	1608
USAR	2006	2086 Ft McCoy		WI	NCO Academy PH I	171	0532292A	Y	Y	15405	-2143
USAR	2006	2086 Ft McCoy		WI	Public Safety Ctr/Commo Tower	730	0532292A	Y	Y	5365	912
USAR	2006	2086 Ft McCoy		WI	Shoot-House/AR Fac/Breach Fac	178	0532292A	Y	N	1700	1700
USAR	2006	2086 Mausau		WI	ARC/OMS/Unh Strg	171	0532292A	Y	N	11098	11098
USAR	2006	2086 Cp Santiago		PR	Modified Record Fire Range	178	0532292A	Y	Y	2000	2000
USAR	2006	2086 Various		ZU	Unspecified	999	0532292A			2879	0
USAR	2006	2086 Various		ZU	Planning and Design	999	0532292A			14416	2976
Total										106077	13053
USAR	2007	2086 Ft Hunter-Liggett		CA	Combat Pistol/MP Firearm Qual Crs	178	0532292A	Y	N	1138	1138
USAR	2007	2086 Moreno Valley (March APB)		CA	AFRC/OMS/AMSA/Unh Strg	171	0532292A	Y	Y	33527	8962
USAR	2007	2086 Victorville		CA	ARC/ASF	171	0532292A	Y	N	0	-23460
USAR	2007	2086 Honolulu		HI	ARC	171	0532292A	Y	N	0	-13721
USAR	2007	2086 Granite City		IL	ARC/OMS/AMSA/Unh Strg	171	0532292A	Y	Y	22626	1857
USAR	2007	2086 Baton Rouge		LA	ARC/OMS/Unh Strg	171	0532292A	Y	Y	10068	10068
USAR	2007	2086 Ft Devens		MA	Urban Assault Course	178	0532292A	Y	N	1500	1500
USAR	2007	2086 Omaha		NE	ARC/OMS/AMSA/Unh Strg w/Land	171	0532292A	Y	Y	23610	3484
USAR	2007	2086 Ft Dix		NJ	Add/Alt Ofcr Education School	171	0532292A	Y	Y	10134	10134
USAR	2007	2086 Morehead City		NC	Pier Facs	151	0532292A	Y	Y	0	-12450
USAR	2007	2086 Raleigh-Durham		NC	ARC/OMS/Unh Strg	171	0532292A	Y	Y	10744	505
USAR	2007	2086 Bellefonte		PA	ARC/OMS/Unh Strg	171	0532292A	Y	Y	0	-11720
USAR	2007	2086 Sioux Falls		SD	AFRC/OMS/AMSA/Unh Strg w/Land	171	0532292A	Y	Y	12641	12641
USAR	2007	2086 Ft McCoy		WI	General Purpose Whse	442	0532292A	Y	Y	13700	13700
USAR	2007	2086 Cp Santiago		PR	Combat Pistol/MP Qual Crs	178	0532292A	Y	N	1841	1841
USAR	2007	2086 Various		ZU	Unspecified	999	0532292A			3042	0
USAR	2007	2086 Various		ZU	Planning and Design	999	0532292A			19509	6381
Total										164080	10860
USAR	2008	2086 Birmingham		AL	Land Acquisition	171	0532292A	O	O	3036	0
USAR	2008	2086 Garden Grove		CA	Add/Alt ARC/OMS/Unh Strg	171	0532292A	Y	Y	17831	1809
USAR	2008	2086 Denver		CO	Add/Alt ARC	171	0532292A	Y	Y	0	-8156

Military Construction, Army Reserve Outyear Project Data

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Existing Mission	Existing Footprint	Budgeted Amount	Change From Previous Submission
USAR	2008	2086 New Haven		CT	Add/Alt ARC/OMS	171	0532292A	Y	Y	6678	6678
USAR	2008	2086 Baton Rouge		LA	Add/Alt ARC/OMS	171	0532292A	Y	Y	0	-8558
USAR	2008	2086 Chicopee		MA	Add/Alt AFRC/OMS	171	0532292A	Y	Y	0	-13666
USAR	2008	2086 Weldon Springs		MO	AFRC/OMS	171	0532292A	Y	Y	26797	-3357
USAR	2008	2086 Weldon Springs		MO	Modified Record Fire Range	178	0532292A	Y	N	4479	4479
USAR	2008	2086 Camden		NJ	ARC/OMS	171	0532292A	Y	Y	0	-2603
USAR	2008	2086 Ft Dix		NJ	Combined Mnt Fac PH I	214	0532292A	Y	Y	16433	16433
USAR	2008	2086 Ft Dix		NJ	Ofc Educ Schl Claims	171	0532292A	Y	Y	0	-10134
USAR	2008	2086 Ft Totten		NJ	ARC/OMS PH I	171	0532292A	Y	Y	16410	2695
USAR	2008	2086 Sioux Falls		SD	ARC/OMS/ANSA	171	0532292A	Y	Y	0	-11023
USAR	2008	2086 Austin		TX	AFRC/OMS/Unh Strg	171	0532292A	Y	Y	14451	14451
USAR	2008	2086 Tyler		TX	ARC/OMS	171	0532292A	Y	Y	7887	431
USAR	2008	2086 Ft Lewis		WA	AFRC/OMS	171	0532292A	Y	N	0	-24436
USAR	2008	2086 Renton		WA	ARC	171	0532292A	Y	Y	8528	8528
USAR	2008	2086 Ft McCoy		WI	RCO Academy PH II	171	0532292A	Y	Y	22732	431
USAR	2008	2086 Ft McCoy		WI	Range Upgrade	179	0532292A	Y	Y	0	-1979
USAR	2008	2086 Menasha		WI	ARC/OMS	171	0532292A	Y	Y	10665	10665
USAR	2008	2086 Mausau		WI	ARC/OMS	171	0532292A	Y	N	0	-10234
USAR	2008	2086 Cagass		PR	ARC/OMS	171	0532292A	Y	N	23258	23258
USAR	2008	2086 Various		ZU	Unspecified	999	0532292A	Y		3489	383
USAR	2008	2086 Various		ZU	Planning and Design	999	0532292A			27103	14965
Total										209577	11060
USAR	2009	2086 Birmingham		AL	Reserve Spt Cmd HQ PH I	171	0532292A	Y	N	35000	35000
USAR	2009	2086 Little Rock		AR	Add/Alt ARC/OMS/Unh Strg	171	0532292A	Y	Y	17547	17547
USAR	2009	2086 Ft Hunter-Liggett		CA	ARFR	178	0532292A	Y	N	1664	1664
USAR	2009	2086 Ft Hunter-Liggett		CA	Multi-purpose Mach Gun Rng	178	0532292A	Y	N	877	877
USAR	2009	2086 Los Alamitos		CA	AFRC/OMS/Unh Strg	171	0532292A	Y	Y	36324	36324
USAR	2009	2086 Ft Collins		CO	ARC/OMS/Unh Strg	171	0532292A	Y	N	7861	7861
USAR	2009	2086 Fairfield		CT	Add/Alt ARC	171	0532292A	Y	Y	0	-4483
USAR	2009	2086 Ft Benning		GA	ARC/OMS	171	0532292A	Y	N	16384	183
USAR	2009	2086 Hayden Lake		ID	Add/Alt ARC	171	0532292A	Y	N	0	-5265
USAR	2009	2086 Joliet		IL	Modified Record Fire Range	178	0532292A	Y	N	2740	2740
USAR	2009	2086 New Century		KS	Alt ARC	171	0532292A	Y	Y	0	-11837
USAR	2009	2086 Ft Campbell		KY	ARC/OMS	172	0532292A	Y	Y	0	-8734
USAR	2009	2086 Bedford		MA	AFRC	171	0532292A	Y	N	0	-26230
USAR	2009	2086 Ft Devens		MA	Modified Record Fire Range	178	0532292A	Y	N	1820	1820
USAR	2009	2086 Saint Joseph		MS	ARC/OMS/ANSA	171	0532292A	Y	Y	0	-10597
USAR	2009	2086 Arnold		MO	ARC/OMS	171	0532292A	Y	Y	13105	183
USAR	2009	2086 Gulfport		MS	Strg Complex PH II	441	0532292A	N	N	0	-13116
USAR	2009	2086 North Platte		NE	ARC/OMS/ANSA/Unh Strg	171	0532292A	Y	Y	5157	5157
USAR	2009	2086 Ft Dix		NJ	Barracks Upg PH I	721	0532292A	Y	Y	6883	6883
USAR	2009	2086 Ft Dix		NJ	Modified Record Fire Range	178	0532292A	Y	Y	2634	2634
USAR	2009	2086 Ft Dix		NJ	MOUT Complex PH I	179	0532292A	Y	N	0	-12765
USAR	2009	2086 Ft Dix		NJ	Strg Complex PH I	441	0532292A	N	N	0	-13106

Military Construction, Army Reserve Outyear Project Data

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Existing Mission	Existing Footprint	Budgeted Amount	Change From Previous Submission
USAR	2009	2086 Ft Drum		NY	AFRC/OMS/Unh Strg	171	0532292A	Y	Y	8343	8343
USAR	2009	2086 Ft Totten		NY	ARC Phase II	171	0532292A	Y	Y	0	-27198
USAR	2009	2086 Shoreham		NY	OMS	241	0532292A	Y	Y	2636	2636
USAR	2009	2086 Uniondale		NY	Add/Alt ARC	171	0532292A	Y	Y	0	-11608
USAR	2009	2086 Wilmington		NC	Add/Alt AFRC/OMS/Unh Strg	171	0532292A	Y	Y	8893	8893
USAR	2009	2086 Beaver Falls		PA	ARC/OMS/Unh Strg	171	0532292A	Y	Y	7228	183
USAR	2009	2086 Bristol		PA	Add/Alt ARC/OMS	171	0532292A	Y	Y	0	-27734
USAR	2009	2086 Letterkenny		PA	Modified Record Fire Range	178	0532292A	Y	N	1740	1740
USAR	2009	2086 Scranton		PA	AFRC/OMS/Unh Strg	171	0532292A	Y	N	37535	37535
USAR	2009	2086 Bristol		RI	Add/Alt ARC	171	0532292A	Y	Y	0	-6309
USAR	2009	2086 Alice		TX	ARC/OMS/Unh Strg	171	0532292A	Y	N	6365	6365
USAR	2009	2086 Corpus Christi		TX	Strg Complex PH I	441	0532292A	N	N	0	-13106
USAR	2009	2086 Ft Bliss		TX	Exgmt Conc Site	214	0532292A	Y	Y	0	-16225
USAR	2009	2086 Marshall		TX	ARC/OMS/Unh Strg	171	0532292A	Y	Y	0	-4829
USAR	2009	2086 Sinton		TX	ARC/OMS/Unh Strg	171	0532292A	Y	N	6037	6037
USAR	2009	2086 Spokane		WA	Add/Alt ARC/OMS/Unh Strg	171	0532292A	Y	Y	14683	14683
USAR	2009	2086 Tacoma		WA	Add/Alt ARC	171	0532292A	Y	Y	0	-8038
USAR	2009	2086 Renton		WA	ARC	171	0532292A	Y	Y	0	-7342
USAR	2009	2086 Yakima		WA	Add/Alt AFRC/OMS/Unh Strg	171	0532292A	Y	N	5973	5973
USAR	2009	2086 Eau Claire		WI	ARC/OMS/AMSA	171	0532292A	Y	Y	0	-13121
USAR	2009	2086 Ft McCoy		WI	Central Issue Facility	441	0532292A	Y	Y	4528	4528
USAR	2009	2086 Ft McCoy		WI	Range Utility Upgrade	171	0532292A	Y	Y	0	-3866
USAR	2009	2086 Ft McCoy		WI	Range Upgrades	179	0532292A	Y	Y	0	-1950
USAR	2009	2086 Ft McCoy		WI	RIS Med Clasm Fac	171	0532292A	Y	Y	7815	7815
USAR	2009	2086 Ft McCoy		WI	Qualification Trng Rng	178	0532292A	Y	Y	4240	4240
USAR	2009	2086 Menasha		WI	ARC/OMS	171	0532292A	Y	Y	0	-13171
USAR	2009	2086 Bayamon		PR	ARC/OMS/Unh Strg	171	0532292A	Y	N	16508	16508
USAR	2009	2086 Puerto Nuevo		PR	Add/Alt ARC/OMS/Unh Strg	171	0532292A	Y	Y	16380	16380
USAR	2009	2086 Various Locations		ZU	Unspecified	999	0532292A	Y	Y	3371	200
USAR	2009	2086 Various Locations		ZU	Planning and Design	999	0532292A	Y	Y	25027	12633
Total											12935
USAR	2010	2086 Montgomery		AL	ARC/OMS/Unh Strg	171	0532292A	Y	Y	4729	4729
USAR	2010	2086 Middletown		CT	Add/Alt ARC/OMS/Unh Strg	171	0532292A	Y	N	15731	15731
USAR	2010	2086 Hayden Lake		ID	ARC/OMS/Unh Strg	171	0532292A	Y	N	6433	6433
USAR	2010	2086 Ft Campbell		KY	ARC/OMS	171	0532292A	Y	Y	9471	9471
USAR	2010	2086 Bedford		MA	AFRC	171	0532292A	Y	N	26230	26230
USAR	2010	2086 Chicopee		MA	Add/Alt AFRC	171	0532292A	Y	Y	13386	13386
USAR	2010	2086 Jackson		MI	ARC/OMS/Unh Strg	171	0532292A	Y	N	8591	8591
USAR	2010	2086 St Joseph		MS	ARC/OMS/AMSA	171	0532292A	Y	Y	10965	10965
USAR	2010	2086 Ft Leonard Wood		MO	AFRC/OMS/Unh Strg	171	0532292A	Y	Y	4674	4674
USAR	2010	2086 Kirksville		MO	ARC/OMS/Unh Strg	171	0532292A	Y	N	6416	6416
USAR	2010	2086 Asheville		NC	ARC/OMS/Unh Strg	171	0532292A	Y	Y	8584	8584

Military Construction, Army Reserve Outyear Project Data

Component	Fiscal Year	Appropriation	Installation	Location	Project Title	Facility Category	Program Element	Existing Mission	Existing Footprint	Budgeted Amount	Change From Previous Submission
USAR	2010	2086 Freeman		NE	Add/Alt ARC/OMS/Unh Strg	171	0532292A	Y	Y	3858	3858
USAR	2010	2086 Camden		NJ	Add/Alt ARC/OMS/Unh Strg	171	0532292A	Y	Y	2948	2948
USAR	2010	2086 Ft Dix		NJ	ECS #27 Expansion	241	0532292A	Y	Y	10052	10052
USAR	2010	2086 Ft Tilden		NY	ARC/OMS/Unh Strg	171	0532292A	Y	Y	14195	14195
USAR	2010	2086 Mattdale		NY	Add/Alt ARC/OMS/Unh Strg	171	0532292A	Y	Y	11008	11008
USAR	2010	2086 Uniondale		NY	Add/Alt ARC	171	0532292A	Y	Y	11976	11976
USAR	2010	2086 Dayton		OH	ARC/OMS/Unh Strg	171	0532292A	Y	Y	8000	8000
USAR	2010	2086 Mansfield		OH	ARC/OMS/Unh Strg	171	0532292A	Y	Y	5077	5077
USAR	2010	2086 Bloomsburg		PA	ARC/OMS/Unh Strg	171	0532292A	Y	Y	8869	8869
USAR	2010	2086 Letterkenny		PA	ARC/OMS/AMSA/Unh Strg	171	0532292A	Y	Y	13722	13722
USAR	2010	2086 Barre		VT	ARC/OMS/Unh Strg	171	0532292A	Y	Y	5172	5172
USAR	2010	2086 Ft Lewis		WA	ARC/OMS	171	0532292A	Y	Y	24804	24804
USAR	2010	2086 Ellsworth		WI	ARC/OMS/Unh Strg	171	0532292A	Y	Y	5957	5957
USAR	2010	2086 Ft McCoy		WI	CACTF	179	0532292A	Y	Y	27500	27500
USAR	2010	2086 Ft McCoy		WI	NCO Academy PH III	171	0532292A	Y	Y	9484	9484
USAR	2010	2086 Weirton		WV	ARC/OMS/Unh Strg	171	0532292A	Y	Y	9276	9276
USAR	2010	2086 Ft Allen		PR	Add/Alt ARC/OMS/Unh Strg	171	0532292A	Y	Y	12977	12977
USAR	2010	2086 Roosevelt Roads		PR	Add/Alt ARC/OMS/NEP	171	0532292A	Y	Y	10655	10655
USAR	2010	2086 Various Locations		ZU	Unspecified					3634	3634
USAR	2010	2086 Various Locations		ZU	Planning and Design					29539	29539
Total											343913
USAR	2011	2086 Cp Parks		CA	AT Barracks	721	0532292A	Y	Y	8112	8112
USAR	2011	2086 Ft Hunter-Liggett		CA	CACTF PH I	179	0532292A	N	N	13441	13441
USAR	2011	2086 Victorville		CA	ARC/Avn Spt Fac	171	0532292A	Y	Y	18271	18271
USAR	2011	2086 Honolulu		HI	ARC	171	0532292A	Y	Y	14397	14397
USAR	2011	2086 Ft Ben Harrison		IN	ARC/OMS/Unh Strg	171	0532292A	Y	Y	12578	12578
USAR	2011	2086 Worcester		MA	ARC/OMS	171	0532292A	Y	Y	11155	11155
USAR	2011	2086 Gulfport		MS	Contrld Hum Strg Complex PH II	442	0532292A	N	N	9000	9000
USAR	2011	2086 Malstrom AFB		MT	ARC/OMS/Unh Strg	171	0532292A	Y	Y	9548	9548
USAR	2011	2086 Ft Dix		NJ	CACTF	179	0532292A	Y	Y	12476	12476
USAR	2011	2086 Ft Dix		NJ	Renovate Barracks (5431)	721	0532292A	Y	Y	5000	5000
USAR	2011	2086 Ft Dix		NJ	Renovate Barracks (5432)	721	0532292A	Y	Y	5000	5000
USAR	2011	2086 Ft Dix		NJ	Renovate MOS School Brks	721	0532292A	Y	Y	19380	19380
USAR	2011	2086 Columbus		OH	ARC/OMS/Unh Strg	171	0532292A	Y	Y	14902	14902
USAR	2011	2086 Orangeburg		SC	ARC/OMS	171	0532292A	Y	Y	7995	7995
USAR	2011	2086 Ellington Field		TX	AFRC/OMS/Unh Strg	171	0532292A	Y	Y	41806	41806
USAR	2011	2086 Ft Bliss		TX	ECS/AMSA	441	0532292A	Y	Y	16133	16133
USAR	2011	2086 Tacoma		WA	Add/Alt ARC	171	0532292A	Y	Y	8714	8714
USAR	2011	2086 Eau Claire		WI	ARC/OMS/AMSA	171	0532292A	Y	Y	14159	14159
USAR	2011	2086 Ft McCoy		WI	AT/MOB Barracks	721	0532292A	Y	Y	10636	10636
USAR	2011	2086 Ft Buchanan		PR	ARC/OMS/Unh Strg	171	0532292A	Y	Y	3495	3495
USAR	2011	2086 Various Locations		ZU	Unspecified					3699	3699
USAR	2011	2086 Various Locations		ZU	Planning and Design					36038	36038
Total											295935

viii

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

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

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

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 05
3. INSTALLATION AND LOCATION Fort Hunter Liggett, CA		4. AREA CONSTR COST INDEX 1.27	
5. FREQUENCY AND TYPE UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week			
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG, Armory, Dublin, CA - 8.05 km USA, Base, Dublin, CA - 9.66 km AR, Center, Dublin, CA - 9.66 km			
7. PROJECTS REQUESTED IN THIS PROGRAM			
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>
			<u>(DESIGN STATUS)</u> <u>START</u> <u>COMPLETE</u>
178	Shoot-House/AAR Facility	352 m2 (3,772 sf)	1,700 07/04 09/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the 17 Mar 2004 Joint Service Reserve Component Facility Board for possible (Date) joint use/expansion. The board recommends unilateral construction.			
9. LAND ACQUISITION REQUIRED None <div style="text-align: right;"> <u>0</u> (Number of Acres) </div>			
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
	<u>FISCAL YEAR</u>	<u>COST (\$000)</u>	
Combat Pistol/MP Qual Course	2007	1,138	
Multipurpose Machinegun Range	2009	877	
Automated Record Fire Range	2009	1,664	
SRM Unfunded Requirements: \$2,110 M			

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3. INSTALLATION AND LOCATION Fort Hunter Liggett, CA		4. PROJECT TITLE Shoot-House/AAR Facility		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 178	7. PROJECT NUMBER CAR 06-11488	8. PROJECT COST (\$000) 1,700	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				1118
Shoot-House (1,700 sf)	m2	158	4,799.95	(759)
Opns/Storage Bldg. (800 sf)	m2	75	1,800.05	(134)
Latrine, Dual Sex (120 sf)	m2	11	4,699.96	(53)
AAR Building (1,152 sf)	m2	108	1,600.06	(172)
<u>SUPPORTING FACILITIES:</u>				413
Site Improvement	LS	-	-	(220)
Telecommunications	LS	-	-	(45)
Electrical Services	LS	-	-	(78)
Service Roads	LS	-	-	(70)
TOTAL CONSTRUCTION COST				1531
Contingencies (5.0%)				77
Supervision and Administration (5.7%)				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	2. DATE Feb 05
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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: (a) Date Design Started..... 07/04 (b) Percent Complete as of January 2005..... 35% (c) Date Design 35% Complete..... 01/05 (d) Date Design Complete..... 09/05 (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 (2) Basis: (a) Standard or Definitive Design..... No (b) Where Design Was Most Recently Used..... N/A (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000) (a) Production of Plans and Specifications..... 164 (b) All Other Design Costs..... 40		

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3. INSTALLATION AND LOCATION Fort Hunter Liggett, CA				4. PROJECT TITLE Urban Assault Course		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 178		7. PROJECT NUMBER CAR 06-11486		8. PROJECT COST (\$000) 1,500
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
<u>PRIMARY FACILITIES:</u>						1028
Operation/Strg Building (800 sf)				m2	75	1,506.95 (112)
Individual&Team Trainer (829 sf)				m2	78	344.45 (27)
Urban Off/Def Tng Bld (3,843 sf)				m2	358	1,345.49 (481)
Squad & Platoon Trainer				EA	1	40,000.00 (40)
Grenadier Gunnery Trainer				EA	1	12,000.00 (12)
Underground Trainer				EA	1	106,000. (106)
Telecommunication/Fiber				LS	-	(250)
<u>SUPPORTING FACILITIES:</u>						323
Site Improvement				LS	-	(150)
Electric Hookup				LS	-	(128)
Paving, Walks, Curbs & Gutters				LS	-	(45)
TOTAL CONSTRUCTION COST						1351
Contingencies (5.0%)						68
Supervision and Administration (5.7%)						81
TOTAL PROJECT COST						1500
Equipment Funded Other Appropriations						(Non-Add) (342)
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>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/Team Trainer, 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</p>						
11. REQUIREMENT: 511 m2 Adequate: 0m2 Substandard: 0 m2						
PROJECT: Construct an Urban Assault Course (UAC). (Current Mission)						

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3. INSTALLATION AND LOCATION Fort Hunter Liggett, CA		
4. PROJECT TITLE Urban Assault Course		5. PROJECT NUMBER CAR 06-11486
11. REQUIREMENT (CONT) <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>		
12. SUPPLEMENTAL DATA a. Estimated design data: (1) Status: (a) Date Design Started..... 07/04 (b) Percent Complete as of January 2005..... 35% (c) Date Design 35% Complete..... 01/05 (d) Date Design Complete..... 09/05		

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05												
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Total:			342											

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 05														
3. INSTALLATION AND LOCATION AR Center, New Century, KS			4. AREA CONSTR COST INDEX 0.95														
5. FREQUENCY AND TYPE UTILIZATION Reservist - 2 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																	
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS AR, Center, Kansas City, KS - 4.83 km ARNG, Armory, Kansas City, KS - 9.66 km ARNG, Armory, Olathe, KS - 12.87 km AR, Center, Olathe, KS - 14.48 km																	
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1"> <thead> <tr> <th rowspan="2">CATEGORY CODE</th> <th rowspan="2">PROJECT TITLE</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST (\$000)</th> <th colspan="2">(DESIGN STATUS)</th> </tr> <tr> <th>START</th> <th>COMPLETE</th> </tr> </thead> <tbody> <tr> <td>214</td> <td>AR Center OMS/AMSA/Unh Strg Ph 2</td> <td>1,784 m2 (19,186 sf)</td> <td>6,376</td> <td>06/04</td> <td>01/05</td> </tr> </tbody> </table>				CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	(DESIGN STATUS)		START	COMPLETE	214	AR Center OMS/AMSA/Unh Strg Ph 2	1,784 m2 (19,186 sf)	6,376	06/04	01/05
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9. LAND ACQUISITION REQUIRED None <u>0</u> (Number of Acres)																	
10. PROJECTS PLANNED IN NEXT FOUR YEARS None																	

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 05																															
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1. COMPONENT AR		FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 05	
3. INSTALLATION AND LOCATION AR Center New Century, KS				4. PROJECT TITLE AR Center OMS/AMSA/Unh Strg Ph 2		
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 214		7. PROJECT NUMBER CAR 06-11858		8. PROJECT COST (\$000) 6,376
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACILITIES:					2914	
Maintenance Building (17,969 sf)		m2	1,670	1,593.38	(	2660)
Unheated Storage (1,217 sf)		m2	114	1,003.95	(	114)
Building Information Systems		LS	-	-	(	111)
Antiterrorism/Force Protection		LS	-	-	(	29)
SUPPORTING FACILITIES:					2630	
Site Improvement		LS	-	-	(	583)
Information Systems		LS	-	-	(	15)
Paving POV/MEP/Roads (10,740 sy)		m2	8,980	54.60	(	491)
Demo Buildings (84,786 sf)		m2	7,877	192.03	(	1513)
Antiterrorism/Force Protection		LS	-	-	(	28)
TOTAL CONSTRUCTION COST					5544	
Contingencies (5.0%)					278	
Supervision and Administration (5.7%)					332	
Design - Build (4.0%)					222	
TOTAL PROJECT COST					6376	
Equipment Funded Other Appropriations				(Non-Add)	(	222)
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>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.</p>						
11. REQUIREMENT:		1,784 m2	Adequate:	0 m2	Substandard: 7,877 m2	

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 05
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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:			

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12. SUPPLEMENTAL DATA (CONT) <div style="margin-left: 40px;"> (1) Status: (a) Date Design Started.....<u>06/04</u> (b) Percent Complete as of January 2005..... <u>35%</u> (c) Date Design 35% Complete.....<u>01/05</u> (d) Date Design Complete.....<u>09/05</u> (e) Parametric Cost Estimating Used to Develop Cost... <u>Yes</u> (f) An energy study and life cycle cost analysis will be documented during the final design. (g) Type of Design Contract.....<u>Design - Build</u> </div> <div style="margin-left: 40px;"> (2) Basis: (a) Standard or Definitive Design..... <u>No</u> (b) Where Design Was Most Recently Used..... <u>N/A</u> </div> <div style="margin-left: 40px;"> (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000) (a) Production of Plans and Specifications..... <u>113</u> (b) All Other Design Costs..... <u>454</u> (c) Total..... <u>567</u> (d) Contract..... <u>397</u> (e) In-house..... <u>170</u> </div> <div style="margin-left: 40px;"> (4) Construction Award.....<u>01/06</u> (5) Construction Start.....<u>02/06</u> (6) Construction Completion.....<u>08/07</u> </div>																						
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Point of Contact: MAJ Nguyen, 703-601-1940																						

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 05
3. INSTALLATION AND LOCATION Fort Dix, NJ			4. AREA CONSTR COST INDEX 1.15
5. FREQUENCY AND TYPE UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week			
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAF, Base, McGuire AFB, NJ - 1.61 km USA, Base, Fort Monmouth, NJ - 88.51 km USN, Base, Lakehurst, NJ - 32.19 km USNR, Center, Willow Grove, NJ - 112.65 km			
7. PROJECTS REQUESTED IN THIS PROGRAM			
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u> <u>(DESIGN STATUS)</u> <u>START</u> <u>COMPLETE</u>
178	Shoot-House/AAR/Breach Fac	376 m2 (4,016 sf)	1,569 07/04 09/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the <u>19 Mar 2004</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.			
9. LAND ACQUISITION REQUIRED None <u>0</u> (Number of Acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
	<u>FISCAL YEAR</u>	<u>COST (\$000)</u>	
Add/Alt Officer Educ School Clssrms	2007	10,134	
Combined Maintenance Facility	2008	16,433	
Barracks Upgrade/Classroom Ph II	2009	6,883	
Modified Record Fire Range	2009	2,634	
ECS #27 Expansion	2010	10,052	
SRM Unfunded Requirements: \$5,439 M			

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	AUTHORIZED	ACTUAL																												
Totals	0	0																												
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3. INSTALLATION AND LOCATION Fort Dix, NJ			4. PROJECT TITLE Shoot-House/AAR/Breach Fac	
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 178	7. PROJECT NUMBER CAR 06-11673	8. PROJECT COST (\$000) 1,569	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				<u>1105</u>
Shoot-House (1,700 sf)	m2	158	3,229.17	(510)
AAR Building (1,152 sf)	m2	108	1,157.12	(124)
Ops/Storage Bldg (800 sf)	m2	75	1,265.73	(95)
Breach Facility	EA	1	270,000.	(270)
Latrine, Dual Sex w/water(364sf)	m2	34	3,121.54	(106)
<u>SUPPORTING FACILITIES:</u>				<u>308</u>
Site Improvement	LS	-	-	(130)
Telecommunications/Fiber	LS	-	-	(28)
Electrical Services	LS	-	-	(50)
Service Roads/Parking	LS	-	-	(100)
TOTAL CONSTRUCTION COST				1413
Contingencies (5.0%)				71
Supervision and Administration (5.7%)				85
TOTAL PROJECT COST				1569
Equipment Funded Other Appropriations			(Non-Add)	(1048)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>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.</p>				
11. REQUIREMENT: 376 m2 Adequate: 0 m2 Substandard: 0 m2				
PROJECT: Construct a Shoot-House, After Action Review (AAR) Building and Breach Facility. (Current Mission)				

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05
3. INSTALLATION AND LOCATION Fort Dix, NJ		
4. PROJECT TITLE Shoot-House/AAR/Breach Fac		5. PROJECT NUMBER CAR 06-11673
<p>11. REQUIREMENT (CONT)</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>		
<p>12. SUPPLEMENTAL DATA</p> <p>a. Estimated design data: (1) Status:</p>		

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3. INSTALLATION AND LOCATION AR Center, Bellefonte, PA				4. AREA CONSTR COST INDEX 1.08	
5. FREQUENCY AND TYPE UTILIZATION					
Reservist - 3 weekends/month 2 nights/week					
Full-Time Personnel - 5 days/week					
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
ARNG, Armory, Bellefonte, PA - 1.61 km					
AR, Center, State College, PA - 24.14 km					
ARNG, Armory, State College, PA - 25.75 km					
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>(DESIGN STATUS)</u>	
				<u>START</u>	<u>COMPLETE</u>
171	AR Center/OMS/Unh Storage	3,177 m2 (34,186 sf)	8,355	07/04	10/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION					
Facilities identified in item 6 have been examined by the 26 Aug 2004					
Joint Service Reserve Component Facility Board for possible (Date)					
joint use/expansion. The board recommends unilateral construction.					
9. LAND ACQUISITION REQUIRED					
None				0	
				(Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
		<u>FISCAL YEAR</u>	<u>COST (\$000)</u>		
None					

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3. INSTALLATION AND LOCATION AR Center Bellefonte, PA			4. PROJECT TITLE AR Center/OMS/Unh Storage	
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 06-01820	8. PROJECT COST (\$000) 8,355	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				5470
Training Building (26,662 sf)	m2	2,477	1,580.36	(3915)
Maintenance Building (6,611 sf)	m2	615	2,054.08	(1262)
Unheated Storage (913 sf)	m2	85	1,141.30	(97)
Building Information Systems	LS	-	-	(82)
Antiterrorism/Force Protection	LS	-	-	(114)
<u>SUPPORTING FACILITIES:</u>				2057
Site Improvement	LS	-	-	(1686)
Paving - POV/MEP (5,010 sy)	m2	4,189	64.82	(272)
Information Systems	LS	-	-	(39)
Antiterrorism/Force Protection	LS	-	-	(60)
TOTAL CONSTRUCTION COST				7527
Contingencies (5.0%)				377
Supervision and Administration (5.7%)				451
TOTAL PROJECT COST				8355
Equipment Funded Other Appropriations			(Non-Add)	(897)
10. DESCRIPTION OF PROPOSED CONSTRUCTION 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. Berms, 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: 0 m2 Substandard: 7,192 m2 PROJECT: Construct a 150-member ARC, OMS, and an unheated storage building. (Current Mission)				

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<p>11. REQUIREMENT (CONT)</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>		

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3. INSTALLATION AND LOCATION AR Center Bellefonte, PA			
4. PROJECT TITLE AR Center/OMS/Unh Storage			5. PROJECT NUMBER CAR 06-01820
12. SUPPLEMENTAL DATA (CONT)			
Kitchen Equipment	OMAR	2006	110
Physical Fitness	OMAR	2007	63
Dehumidifier	OMAR	2006	1
Total:			897
Point of Contact: MAJ San Nicolas, 703-601-1939			

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 05
3. INSTALLATION AND LOCATION AR Center, Erie, PA		4. AREA CONSTR COST INDEX 1.05	
5. FREQUENCY AND TYPE UTILIZATION			
Reservist	-	3 weekends/month	3 nights/week
Full-Time Personnel	-	5 days/week	
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS			
USNR, Center, Erie, PA - 1.61 km			
USAR, Center, Erie, PA - 4.83 km			
ARNG, Center, Erie, PA - 12.87 km			
USAR, Center, Meadville, PA - 67.59 km			
USAR, Center, Farrell, PA - 173.81 km			
7. PROJECTS REQUESTED IN THIS PROGRAM			
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u> <u>(DESIGN STATUS)</u> <u>START</u> <u>COMPLETE</u>
171	AR Center/OMS/Unh Strg	4,243 m2 (45,661 sf)	9,367 06/04 09/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION			
Facilities identified in item 6 have been examined by the <u>24 Aug 2004</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.			
9. LAND ACQUISITION REQUIRED			
None			<u>0</u> (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
		<u>FISCAL YEAR</u>	<u>COST (\$000)</u>
None			

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 05																																													
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1. COMPONENT AR		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 05	
3. INSTALLATION AND LOCATION AR Center Erie, PA			4. PROJECT TITLE AR Center/OMS/Unh Strg		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 06-10966	8. PROJECT COST (\$000) 9,367		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITIES:</u>				<u>6653</u>	
Training Building (38,483 sf)	m2	3,576	1,495.32	(	5346)
Maintenance Building (4,899 sf)	m2	455	2,108.33	(	932)
Unheated Storage (2,279 sf)	m2	212	1,109.54	(	235)
Building Information Systems	LS	-	-	(	77)
Antiterrorism/Force Protection	LS	-	-	(	63)
<u>SUPPORTING FACILITIES:</u>				<u>1492</u>	
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					
<p>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.</p>					

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

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4. PROJECT TITLE AR Center/OMS/Unh Strg		5. PROJECT NUMBER CAR 06-10966
11. REQUIREMENT (CONT) 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 Started..... <u>06/04</u> (b) Percent Complete as of January 2005..... <u>35%</u> (c) Date Design 35% Complete..... <u>01/05</u> (d) Date Design Complete..... <u>09/05</u> (e) Parametric Cost Estimating Used to Develop Cost.. <u>Yes</u> (f) An energy study and life cycle cost analysis will be documented during the final design. (g) Type of Design Contract..... <u>Design - Build</u> (2) Basis: (a) Standard or Definitive Design..... <u>No</u> (b) Where Design Was Most Recently Used..... <u>N/A</u> (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000) (a) Production of Plans and Specifications..... <u>787</u> (b) All Other Design Costs..... <u>56</u> (c) Total..... <u>843</u> (d) Contract..... <u>63</u> (e) In-house..... <u>780</u> (4) Construction Award..... <u>10/05</u> (5) Construction Start..... <u>11/05</u> (6) Construction Completion..... <u>09/07</u>		

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12. SUPPLEMENTAL DATA (CONT)			
b. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated or Requested</u>	<u>Cost (\$000)</u>
IT Equipment	OMAR	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	50
Total:			1422
Point of Contact: MAJ San Nicolas, 703-601-1939			

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Feb 05
3. INSTALLATION AND LOCATION AR Center, Greenville, SC				4. AREA CONSTR COST INDEX 0.88
5. FREQUENCY AND TYPE UTILIZATION				
Reservist - 3 weekends/month 3 nights/week				
Full-Time Personnel - 5 days/week				
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS				
ARNG, Armory, Greenville, SC - 1.61 km				
AR, Center, Greenville, SC - 11.27 km				
ARNG, Armory, Williamson, SC - 19.31 km				
ARNG, Armory, Greer, SC - 20.92 km				
7. PROJECTS REQUESTED IN THIS PROGRAM				
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>(DESIGN STATUS)</u> <u>START</u> <u>COMPLETE</u>
171	AR Center/OMS/AMSA/Unh Strg	8,247 m2 (88,761 sf)	15,524	11/03 07/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION				
Facilities identified in item 6 have been examined by the 16 Oct 2004				
Joint Service Reserve Component Facility Board for possible (Date)				
joint use/expansion. The board recommends unilateral construction.				
9. LAND ACQUISITION REQUIRED				
None				0 (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
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5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 06-11312	8. PROJECT COST (\$000) 15,524		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITIES:</u>				10837	
Training Building (67,110 sf)	m2	6,235	1,219.98	(	7607)
Maintenance Building (18,157 sf)	m2	1,687	1,475.95	(	2490)
Unheated Storage (3,494 sf)	m2	325	925.59	(	301)
Building Information Systems	LS	-	-	(	331)
Antiterrorism/Force Protection	LS	-	-	(	108)
<u>SUPPORTING FACILITIES:</u>				3149	
Site Improvement	LS	-	-	(	1478)
Information Systems	LS	-	-	(	25)
Paving POV/MEP (16,895 sy)	m2	14,126	31.08	(	440)
Buildings Demolition (34,852 sf)	m2	3,238	117.33	(	380)
Washrack/OWS/Loading Ramp	LS	-	-	(	250)
Temporary Lease	LS	-	-	(	544)
Antiterrorism/Force Protection	LS	-	-	(	32)
TOTAL CONSTRUCTION COST				13986	
Contingencies (5.0%)				700	
Supervision and Administration (5.7%)				838	
TOTAL PROJECT COST				15524	
Equipment Funded Other Appropriations			(Non-Add)	(	2008)
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
<p>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</p>					

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 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
10. DESCRIPTION OF PROPOSED CONSTRUCTION (CONT)		
<p>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.</p>		
11. REQUIREMENT: 8,247 m2 Adequate: 0 m2 Substandard: 8,598 m2		
<p>PROJECT: Construct a 600-member ARC, OMS/AMSA, and an unheated storage building. (Current Mission)</p> <p>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.</p> <p>CURRENT SITUATION: The current utilization rate is 161% at Mahon ARC, 185% at Kukowski ARC, and 110% at Pickens ARC.</p> <p>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.</p> <p>Kukowski ARC (34,852 SF): The Kukowski ARC was built in 1975. The building is inadequate for expansion because it does not meet the minimum DoD anti-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.</p>		

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 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) <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>		
12. SUPPLEMENTAL DATA a. Estimated design data: (1) Status: (a) Date Design Started..... 11/03 (b) Percent Complete as of January 2005..... 35% (c) Date Design 35% Complete..... 09/04 (d) Date Design Complete..... 07/05 (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 (2) Basis: (a) Standard or Definitive Design..... No (b) Where Design Was Most Recently Used..... N/A (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)		

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05																																																				
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4. PROJECT TITLE AR Center/OMS/AMSA/Unh Strg		5. PROJECT NUMBER CAR 06-11312																																																				
12. SUPPLEMENTAL DATA (CONT) <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 80%;">(a) Production of Plans and Specifications.....</td> <td style="text-align: right;">1339</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td style="text-align: right;">573</td> </tr> <tr> <td>(c) Total.....</td> <td style="text-align: right;">1912</td> </tr> <tr> <td>(d) Contract.....</td> <td style="text-align: right;">1530</td> </tr> <tr> <td>(e) In-house.....</td> <td style="text-align: right;">382</td> </tr> <tr> <td>(4) Construction Award.....</td> <td style="text-align: right;">12/05</td> </tr> <tr> <td>(5) Construction Start.....</td> <td style="text-align: right;">01/06</td> </tr> <tr> <td>(6) Construction Completion.....</td> <td style="text-align: right;">07/07</td> </tr> </table> b. Equipment associated with this project which will be provided from other appropriations: <table style="width: 100%; margin-top: 20px;"> <thead> <tr> <th style="text-align: left;">Equipment Nomenclature</th> <th style="text-align: left;">Procuring Appropriation</th> <th style="text-align: left;">Fiscal Year Appropriated or Requested</th> <th style="text-align: right;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>IT Equipment</td> <td>OMAR</td> <td>2007</td> <td style="text-align: right;">522</td> </tr> <tr> <td>Furniture</td> <td>OMAR</td> <td>2007</td> <td style="text-align: right;">562</td> </tr> <tr> <td>Caging</td> <td>OMAR</td> <td>2006</td> <td style="text-align: right;">430</td> </tr> <tr> <td>Dehumidifier</td> <td>OMAR</td> <td>2006</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Physical Fitness</td> <td>OMAR</td> <td>2007</td> <td style="text-align: right;">78</td> </tr> <tr> <td>Kitchen</td> <td>OMAR</td> <td>2006</td> <td style="text-align: right;">200</td> </tr> <tr> <td>Shelving</td> <td>OMAR</td> <td>2006</td> <td style="text-align: right;">215</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total:</td> <td style="text-align: right;">2008</td> </tr> </tbody> </table> Point of Contact: MAJ Nguyen, 703-601-1940			(a) Production of Plans and Specifications.....	1339	(b) All Other Design Costs.....	573	(c) Total.....	1912	(d) Contract.....	1530	(e) In-house.....	382	(4) Construction Award.....	12/05	(5) Construction Start.....	01/06	(6) Construction Completion.....	07/07	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
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1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 05		
3. INSTALLATION AND LOCATION Reserve Complex, Grand Prairie, TX			4. AREA CONSTR COST INDEX 0.90		
5. FREQUENCY AND TYPE UTILIZATION					
Reservist - 3 weekends/month 2 nights/week					
Full-Time Personnel - 5 days/week					
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USMCR, Center, Grand Prairie, TX - 1.61 km ARNG, Armory, Grand Praire, TX - 1.61 km AR, Center, Dallas, TX - 12.87 km USN, Base, Dallas, TX - 19.31 km					
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>(DESIGN STATUS)</u> <u>START</u> <u>COMPLETE</u>	
171	AR Center-Ph II	2,173 m2 (23,380 sf)	5,685	06/03	05/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the 06 Aug 2004 Joint Service Reserve Component Facility Board for possible (Date) joint use/expansion. The board recommends unilateral construction.					
9. LAND ACQUISITION REQUIRED None				0 (Number of Acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS		<u>FISCAL YEAR</u>	<u>COST (\$000)</u>		
None					

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE Feb 05		
3. INSTALLATION AND LOCATION Reserve Complex, Grand Prairie, TX					4. AREA CONSTR COST INDEX 0.90		
11. PERSONNEL STRENGTH AS OF 1 Dec 2004							
	<div style="display: flex; justify-content: space-around;"> <div>PERMANENT</div> <div>GUARD/RES</div> </div>						
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZE	101	23	59	19	1478	244	1234
ACTUAL	104	24	58	22	1602	185	1417
12. RESERVE UNIT DATA							
ASGD/AUTH		108%		STRENGTH			
UNIT DESIGNATION	AUTHORIZED		ACTUAL				
3/381ST, 2BDE, AC/RC	15		15				
2/381ST, 4TH BDE, AC/RC	22		22				
2/354 FA BN 1 BDE 95 DIV	106		79				
4 BDE (CSS) 95 DIV (IT)	39		47				
7/95 IN BN(PS) 4BDE (AUG)	134		119				
95 AUG OD DET 4 BDE	127		129				
RTD OFC GRAND PRAIRIE	5		0				
416TH AUG TM (DALLAS)	7		7				
UNITS NOT SHOWN	1023		1184				
Totals	1,478		1,602				
Total Units Not Shown = 19							
13. MAJOR EQUIPMENT AND AIRCRAFT							
TYPE	AUTHORIZED		ACTUAL				
Wheeled Vehicles	234		221				
Trailers	128		145				
Tracked Vehicles	5		5				
Totals	367		371				
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES							
	(\$000)						
Air Pollution	0						
Water Pollution	0						
Safety and Occupational Health	0						

1. COMPONENT AR		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 05	
3. INSTALLATION AND LOCATION Reserve Complex Grand Prairie, TX			4. PROJECT TITLE AR Center-Ph II		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 06-11444	8. PROJECT COST (\$000) 5,685		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITIES:</u>				3149	
Training Building (23,380 sf)	m2	2,173	1,337.31	(	2905)
Building Information Systems	LS	-	-	(	212)
Antiterrorism/Force Protection	LS	-	-	(	32)
<u>SUPPORTING FACILITIES:</u>				1972	
Site Improvement	LS	-	-	(	788)
Information Systems	LS	-	-	(	95)
Utility Upgrades	LS	-	-	(	516)
Paving (2,200 sy)	m2	1,839	54.51	(	101)
Demolition (20,920 sf)	m2	1,944	231.42	(	450)
Antiterrorism/Force Protection	LS	-	-	(	22)
TOTAL CONSTRUCTION COST				5121	
Contingencies (5.0%)				257	
Supervision and Administration (5.7%)				307	
TOTAL PROJECT COST				5685	
Equipment Funded Other Appropriations			(Non-Add)	(	830)
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
<p>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.</p>					

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 05
3. INSTALLATION AND LOCATION Reserve Complex Grand Prairie, TX			
4. PROJECT TITLE AR Center-Ph II		5. PROJECT NUMBER CAR 06-11444	
11. REQUIREMENT: 2,173 m2 Adequate: 0 m2 Substandard: 1,944 m2			
PROJECT: Construct Phase II of an ARC. (Current Mission)			
<p>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.</p> <p>CURRENT SITUATION: The 90th Regional Readiness Command acquired the Grand Prairie Armed Forces Complex from the U.S. Navy in 1999. Acquisition 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.</p> <p>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.</p> <p>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,</p>			

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05
3. INSTALLATION AND LOCATION Reserve Complex Grand Prairie, TX		
4. PROJECT TITLE AR Center-Ph II		5. PROJECT NUMBER CAR 06-11444
11. REQUIREMENT (CONT) and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project was considered for joint use potential. This facility will be available for use by other components.		
12. SUPPLEMENTAL DATA 12. SUPPLEMENTAL DATA: a. Estimated design data: (1) Status: (a) Date Design Started.....06/03 (b) Percent Complete as of January 2005..... 65% (c) Date Design 35% Complete.....06/04 (d) Date Design Complete.....05/05 (e) Parametric Cost Estimating Used to Develop Cost. <u>Yes</u> (f) An energy study and life cycle cost analysis will be documented during the final design. (g) Type of Design Contract..... <u>Design - Bid - Build</u> (2) Basis: (a) Standard or Definitive Design..... <u>No</u> (b) Where Design Was Most Recently Used..... <u>N/A</u> (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000) (a) Production of Plans and Specifications..... <u>455</u> (b) All Other Design Costs..... <u>228</u> (c) Total..... <u>683</u> (d) Contract..... <u>546</u> (e) In-house..... <u>137</u> (4) Construction Award..... <u>11/05</u> (5) Construction Start..... <u>12/05</u> (6) Construction Completion..... <u>03/07</u> b. Equipment associated with this project which will be provided from other appropriations: <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;">Equipment <u>Nomenclature</u></div> <div style="text-align: center;">Procuring <u>Appropriation</u></div> <div style="text-align: center;">Fiscal Year Appropriated or <u>Requested</u></div> <div style="text-align: center;">Cost <u>(\$000)</u></div> </div>		

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 05
3. INSTALLATION AND LOCATION Reserve Complex Grand Prairie, TX			
4. PROJECT TITLE AR Center-Ph II			5. PROJECT NUMBER CAR 06-11444
12. SUPPLEMENTAL DATA (CONT)			
IT Equipment	OMAR	2007	426
Furniture	OMAR	2007	404
Total:			830
Point of Contact: MAJ San Nicolas, 703-601-1939			

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 05																																
3. INSTALLATION AND LOCATION Fort McCoy, WI		4. AREA CONSTR COST INDEX 1.16																																
11. PERSONNEL STRENGTH AS OF N/A <table style="width: 100%; margin-top: 20px;"> <thead> <tr> <th></th> <th colspan="4" style="text-align: center;">PERMANENT</th> <th colspan="3" style="text-align: center;">GUARD/RES</th> </tr> <tr> <th></th> <th style="text-align: center;">TOTAL</th> <th style="text-align: center;">OFFICER</th> <th style="text-align: center;">ENLISTED</th> <th style="text-align: center;">CIVILIAN</th> <th style="text-align: center;">TOTAL</th> <th style="text-align: center;">OFFICER</th> <th style="text-align: center;">ENLISTED</th> </tr> </thead> <tbody> <tr> <td>AUTHORIZE</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>				PERMANENT				GUARD/RES				TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL	OFFICER	ENLISTED	AUTHORIZE	0	0	0	0	0	0	0	ACTUAL	0	0	0	0	0	0	0
	PERMANENT				GUARD/RES																													
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AUTHORIZE	0	0	0	0	0	0	0																											
ACTUAL	0	0	0	0	0	0	0																											
12. RESERVE UNIT DATA <div style="margin-top: 10px;"> ASGD/AUTH 0% <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th></th> <th colspan="2" style="text-align: center;">STRENGTH</th> </tr> <tr> <th style="text-align: left;">UNIT DESIGNATION</th> <th style="text-align: center;">AUTHORIZED</th> <th style="text-align: center;">ACTUAL</th> </tr> </thead> <tbody> <tr> <td>Totals</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table> </div> <p style="margin-top: 20px;">Project is not strength dependent.</p>				STRENGTH		UNIT DESIGNATION	AUTHORIZED	ACTUAL	Totals	0	0																							
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1. COMPONENT AR		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 05	
3. INSTALLATION AND LOCATION Fort McCoy, WI			4. PROJECT TITLE Modified Record Fire Range		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 178	7. PROJECT NUMBER CAR 06-11542	8. PROJECT COST (\$000) 3,038		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITIES:</u>				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	-	-	(	48)
Downrange Electrical	LS	-	-	(	150)
Bleacher Enclosure	EA	1	28,000.00	(	28)
One Man Walk-In Foxholes	EA	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)
<u>SUPPORTING FACILITIES:</u>				871	
Site Improvement	LS	-	-	(	282)
Maintenance Trails (12,050 sy)	m2	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	
Equipment Funded Other Appropriations			(Non-Add)	(	620)
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 AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05
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)		
<p>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.</p>		
<p>11. REQUIREMENT: 296 m2 Adequate: 0 m2 Substandard: 186 m2</p>		
<p>PROJECT: Construct a Modified Record Fire Range. (Current Mission)</p>		
<p>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.</p>		
<p>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 gunfire or muzzle flashes.</p>		
<p>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.</p>		
<p>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.</p>		
<p>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.</p>		
12. SUPPLEMENTAL DATA		
<p>a. Estimated design data:</p> <p>(1) Status:</p>		

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05																
3. INSTALLATION AND LOCATION Fort McCoy, WI																		
4. PROJECT TITLE Modified Record Fire Range		5. PROJECT NUMBER CAR 06-11542																
12. SUPPLEMENTAL DATA (CONT) <div style="margin-left: 40px;"> (a) Date Design Started..... 07/04 (b) Percent Complete as of January 2005..... 35% (c) Date Design 35% Complete..... 01/05 (d) Date Design Complete..... 09/05 (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..... <u>Design - Bid - Build</u> </div> <div style="margin-left: 20px;"> (2) Basis: <div style="margin-left: 40px;"> (a) Standard or Definitive Design..... No (b) Where Design Was Most Recently Used..... N/A </div> </div> <div style="margin-left: 20px;"> (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000) <div style="margin-left: 40px;"> (a) Production of Plans and Specifications..... 206 (b) All Other Design Costs..... 100 (c) Total..... 306 (d) Contract..... 231 (e) In-house..... 75 </div> </div> <div style="margin-left: 20px;"> (4) Construction Award..... 01/06 (5) Construction Start..... 02/06 (6) Construction Completion..... 02/07 </div>																		
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Point of Contact: MAJ Nguyen, 703-601-1940																		

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 05
3. INSTALLATION AND LOCATION Fort McCoy, WI			4. AREA CONSTR COST INDEX 1.16
5. FREQUENCY AND TYPE UTILIZATION Reservist - 3 weekends/month 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, WI - 33.80 km			
7. PROJECTS REQUESTED IN THIS PROGRAM			
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u> <u>(DESIGN STATUS)</u> <u>START</u> <u>COMPLETE</u>
171	NCO Academy Ph I	6,454 m2 (69,442 sf)	15,405 01/02 09/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the <u>16 Oct 2004</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.			
9. LAND ACQUISITION REQUIRED None <u>0</u> (Number of Acres)			
10. PROJECTS PLANNED IN NEXT FOUR YEARS		<u>FISCAL YEAR</u>	<u>COST (\$000)</u>
General Purpose Warehouse		2007	13,700
NCO Academy Ph II		2008	22,732
RTS Medical Classroom Facility		2009	7,815
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1. COMPONENT AR		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 05	
3. INSTALLATION AND LOCATION Fort McCoy, WI			4. PROJECT TITLE NCO Academy Ph I		
5. PROGRAM ELEMENT 0533292A	6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 06-11422	8. PROJECT COST (\$000) 15,405		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITIES:</u>				<u>11816</u>	
Training Building (36,042 sf)	m2	3,349	1,617.60	(	5417)
PLDC Barracks (31,414 sf)	m2	2,919	1,947.30	(	5684)
Maintenance Bldg Add (1,594 sf)	m2	149	2,340.29	(	347)
Maintenance Bldg Alt (392 sf)	m2	37	1,350.87	(	50)
Building Information Systems	LS	-	-	(	201)
Antiterrorism/Force Protection	LS	-	-	(	117)
<u>SUPPORTING FACILITIES:</u>				<u>2064</u>	
Site Improvement	LS	-	-	(	1181)
Information Systems	LS	-	-	(	105)
Paving (5,923 sy)	m2	4,952	59.80	(	297)
Concrete Drill Pad (503 sy)	m2	421	30.46	(	13)
Demolition (29,920 sf)	m2	2,780	161.46	(	449)
Antiterrorism/Force Protection	LS	-	-	(	19)
TOTAL CONSTRUCTION COST				13880	
Contingencies (5.0%)				694	
Supervision and Administration (5.7%)				831	
TOTAL PROJECT COST				15405	
Equipment Funded Other Appropriations			(Non-Add)	(	2390)
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
<p>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</p>					

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 05
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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			

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05
3. INSTALLATION AND LOCATION Fort McCoy, WI		
4. PROJECT TITLE NCO Academy Ph I		5. PROJECT NUMBER 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 Started..... 01/02 (b) Percent Complete as of January 2005..... 35% (c) Date Design 35% Complete..... 06/04 (d) Date Design Complete..... 09/05 (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 (2) Basis: (a) Standard or Definitive Design..... No (b) Where Design Was Most Recently Used..... N/A (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000) (a) Production of Plans and Specifications..... 1232 (b) All Other Design Costs..... 617 (c) Total..... 1849 (d) Contract..... 1479 (e) In-house..... 370 (4) Construction Award..... 12/05 (5) Construction Start..... 01/06 (6) Construction Completion..... 01/08		

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12. SUPPLEMENTAL DATA (CONT)			
b. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated or Requested</u>	<u>Cost (\$000)</u>
IT Equipment	OMAR	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 AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 05
3. INSTALLATION AND LOCATION Fort McCoy, WI		4. AREA CONSTR COST INDEX 1.16	
5. FREQUENCY AND TYPE UTILIZATION Reservist - 3 weekends/month 5 nights/week Full-Time Personnel - 5 days/week			
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7. PROJECTS REQUESTED IN THIS PROGRAM			
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>
730	Public Safety Ctr/Commo Tower	1,725 m2 (18,562 sf)	5,365
			(DESIGN STATUS) <u>START</u> <u>COMPLETE</u> 01/04 09/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the 16 Oct 2004 Joint Service Reserve Component Facility Board for possible (Date) joint use/expansion. The board recommends unilateral construction.			
9. LAND ACQUISITION REQUIRED None			
			0 (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		<u>FISCAL YEAR</u>	<u>COST (\$000)</u>
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1. COMPONENT AR		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Feb 05	
3. INSTALLATION AND LOCATION Fort McCoy, WI			4. PROJECT TITLE Public Safety Ctr/Commo Tower		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 730	7. PROJECT NUMBER CAR 06-11272	8. PROJECT COST (\$000) 5,365		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>					3527
Public Safety Center (16,024 sf)		m2	1,489	1,861.73	(2772)
Detached Garage (2,538 sf)		m2	236	505.47	(120)
Communications Tower		EA	1	519,000.	(519)
Building Information Systems		LS	-	-	(81)
Antiterrorism/Force Protection		LS	-	-	(35)
<u>SUPPORTING FACILITIES:</u>					1306
Site Improvement		LS	-	-	(701)
Information Systems		LS	-	-	(32)
Utilities		LS	-	-	(172)
Paving (5,078 sy)		m2	4,246	37.12	(158)
Demolition (9,254 sf)		m2	860	269.10	(232)
Antiterrorism/Force Protection		LS	-	-	(11)
TOTAL CONSTRUCTION COST					4833
Contingencies (5.0%)					242
Supervision and Administration (5.7%)					290
TOTAL PROJECT COST					5365
Equipment Funded Other Appropriations				(Non-Add)	(765)
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
<p>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</p>					

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 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)			
<p>(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.</p>			
11. REQUIREMENT:	1,725 m2	Adequate: 0 m2	Substandard: 860 m2
<p>PROJECT: Construct a Public Safety Center with communications tower and detached garage. (Current Mission)</p> <p>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.</p> <p>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</p>			

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05														
3. INSTALLATION AND LOCATION Fort McCoy, WI																
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11. REQUIREMENT (CONT) 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.																
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Point of Contact: MAJ San Nicolas, 703-601-1939																																			

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 05	
3. INSTALLATION AND LOCATION Fort McCoy, WI			4. AREA CONSTR COST INDEX 1.16	
5. FREQUENCY AND TYPE UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week				
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG, Armory, Sparta, WI - 4.83 km ARNG, Armory, Tomah, WI - 22.53 km ARNG, Armory, Black River Falls, WI - 33.80 km				
7. PROJECTS REQUESTED IN THIS PROGRAM				
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>(DESIGN STATUS)</u> <u>START</u> <u>COMPLETE</u>
178	Shoot-House/AAR/Breach Fac	375 m2 (4,016 sf)	1,700	07/04 09/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the <u>16 Oct 2004</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.				
9. LAND ACQUISITION REQUIRED None 0 (Number of Acres)				
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
	<u>FISCAL YEAR</u>	<u>COST (\$000)</u>		
General Purpose Warehouse	2007	13,700		
NCO Academy Ph II	2008	22,732		
RTS Medical Classroom Facility	2009	7,815		
Qualification Training Range	2009	4,240		
Central Issue Facility	2009	4,528		
Combined Arms College Training Fac	2010	27,500		
NCO Academy Ph III	2010	9,484		
SRM Unfunded Requirements: \$4,226 M				

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 05																																
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1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Feb 05
3. INSTALLATION AND LOCATION Fort McCoy, WI			4. PROJECT TITLE Shoot-House/AAR/Breach Fac	
5. PROGRAM ELEMENT 0505978A	6. CATEGORY CODE 178	7. PROJECT NUMBER CAR 06-11392	8. PROJECT COST (\$000) 1,700	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				<u>1296</u>
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	EA	1	270,000.	(270)
<u>SUPPORTING FACILITIES:</u>				<u>235</u>
Site Improvement	LS	-	-	(95)
Telecommunications	LS	-	-	(40)
Electrical Services	LS	-	-	(50)
Service Roads	LS	-	-	(50)
TOTAL CONSTRUCTION COST				<u>1531</u>
Contingencies (5.0%)				77
Supervision and Administration (5.7%)				<u>92</u>
TOTAL PROJECT COST				<u>1700</u>
Equipment Funded Other Appropriations			(Non-Add)	(848)
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)				

1. COMPONENT AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05														
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4. PROJECT TITLE Shoot-House/AAR/Breach Fac		5. PROJECT NUMBER CAR 06-11392														
11. REQUIREMENT (CONT) <p>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.</p> <p>CURRENT SITUATION: Fort McCoy does not have a facility to meet these training requirements.</p> <p>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.</p> <p>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.</p> <p>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.</p>																
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1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Feb 05
3. INSTALLATION AND LOCATION AR Center, Wausau, WI				4. AREA CONSTR COST INDEX 1.08
5. FREQUENCY AND TYPE UTILIZATION				
Reservist - 2 weekends/month 1 nights/week				
Full-Time Personnel - 5 days/week				
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS				
USAR, Center, Junction City, WI - 48.28 km				
ARNG, Center, Wausau, WI - 8.05 km				
USAR, Center, Eau Claire, WI - 160.93 km				
USAR, Center, Green Bay, WI - 160.93 km				
USAR, Center, Fort McCoy, WI - 177.03 km				
7. PROJECTS REQUESTED IN THIS PROGRAM				
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>(DESIGN STATUS)</u> <u>START</u> <u>COMPLETE</u>
171	AR Center/OMS/Unh Storage	4,040 m2 (43,468 sf)	11,098	06/04 01/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION				
Facilities identified in item 6 have been examined by the 16 Oct 2004 Joint Service Reserve Component Facility Board for possible (Date) joint use/expansion. The board recommends unilateral construction.				
9. LAND ACQUISITION REQUIRED				
None				0 (Number of Acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
		<u>FISCAL YEAR</u>	<u>COST (\$000)</u>	
None				

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Feb 05																															
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3. INSTALLATION AND LOCATION AR Center Wausau, WI			4. PROJECT TITLE AR Center/OMS/Unh Storage	
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 171	7. PROJECT NUMBER CAR 06-00203	8. PROJECT COST (\$000) 11,098	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				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)
<u>SUPPORTING FACILITIES:</u>				3157
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)
TOTAL CONSTRUCTION COST				9651
Contingencies (5.0%)				483
Supervision and Administration (5.7%)				578
Design - Build (4.0%)				386
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

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4. PROJECT TITLE AR Center/OMS/Unh Storage		5. PROJECT NUMBER CAR 06-00203	
11. REQUIREMENT: 4,040 m2 Adequate: 0 m2 Substandard: 0 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 privately-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 government-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 project in accordance with Executive Order 13121 and			

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11. REQUIREMENT (CONT) 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 Started.....06/04 (b) Percent Complete as of January 2005..... 35% (c) Date Design 35% Complete.....01/05 (d) Date Design Complete.....09/05 (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: (a) Standard or Definitive Design..... No (b) Where Design Was Most Recently Used..... N/A (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000) (a) Production of Plans and Specifications..... 699 (b) All Other Design Costs..... 300 (c) Total..... 999 (d) Contract..... 200 (e) In-house..... 799 (4) Construction Award.....10/05 (5) Construction Start.....11/05 (6) Construction Completion.....09/07 b. Equipment associated with this project which will be provided from other appropriations: <table style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">Equipment Nomenclature</th> <th style="text-align: left;">Procuring Appropriation</th> <th style="text-align: left;">Fiscal Year Appropriated or Requested</th> <th style="text-align: left;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>IT Equipment</td> <td>OMAR</td> <td>2007</td> <td>285</td> </tr> <tr> <td>Furniture</td> <td>OMAR</td> <td>2007</td> <td>395</td> </tr> <tr> <td>Kitchen equipment</td> <td>OMAR</td> <td>2007</td> <td>90</td> </tr> <tr> <td>Cages</td> <td>OMAR</td> <td>2007</td> <td>223</td> </tr> </tbody> </table>			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)	IT Equipment	OMAR	2007	285	Furniture	OMAR	2007	395	Kitchen equipment	OMAR	2007	90	Cages	OMAR	2007	223
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4. PROJECT TITLE AR Center/OMS/Unh Storage			5. PROJECT NUMBER CAR 06-00203
12. SUPPLEMENTAL DATA (CONT)			
Physical Fitness	OMAR	2007	60
Metal lockers	OMAR	2007	16
Dehumidifier	OMAR	2007	1
Shelving	OMAR	2007	136
Total:			<u>1206</u>
Point of Contact: MAJ San Nicolas, 703-601-1939			

1. COMPONENT AR	FY 2006 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Feb 05	
3. INSTALLATION AND LOCATION AR Center, Camp Santiago, PR			4. AREA CONSTR COST INDEX 1.36	
5. FREQUENCY AND TYPE UTILIZATION Reservist - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week				
6. OTHER ACTIVE GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS AR, Center, Ramey, PR - 3.22 km ARNG, Armory, Ramey, PR - 4.83 km AR, Center, Aguadilla, PR - 12.87 km				
7. PROJECTS REQUESTED IN THIS PROGRAM				
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>(DESIGN STATUS)</u> <u>START</u> <u>COMPLETE</u>
178	Modified Record Fire Range	296 m2 (3,147 sf)	2,000	07/04 09/05
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in item 6 have been examined by the 19 Sep 2004 Joint Service Reserve Component Facility Board for possible (Date) joint use/expansion. The board recommends unilateral construction.				
9. LAND ACQUISITION REQUIRED None 0 (Number of Acres)				
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
		<u>FISCAL YEAR</u>	<u>COST (\$000)</u>	
None				

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1. COMPONENT	FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
				Feb 05
3. INSTALLATION AND LOCATION			4. PROJECT TITLE	
AR Center Camp Santiago, PR			Modified Record Fire Range	
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)	
0532292A	178	CAR 06-11825	2,000	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>				<u>1083</u>
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/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	1,364.66	(17)
Bleacher Enclosure	EA	1	28,000.00	(28)
Covered Mess (797 sf)	m2	75	958.85	(71)
One Man Walk-In Foxholes	EA	8	2,853.12	(23)
Lane Markers	EA	10	100.00	(1)
Range Fan Marker's	EA	2	100.00	(1)
Target Emplacements	EA	72	5,500.00	(396)
Downrange Electrical	LS	-	-	(100)
<u>SUPPORTING FACILITIES:</u>				<u>718</u>
Site Improvement	LS	-	-	(180)
Maintenance Trails (11,000 sy)	m2	9,197	31.10	(286)
Electrical Utilities	LS	-	-	(200)
Water & Sewers	LS	-	-	(52)
TOTAL CONSTRUCTION COST				1801
Contingencies (5.0%)				91
Supervision and Administration (5.7%)				108
TOTAL PROJECT COST				2000
Equipment Funded 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 AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Feb 05
3. INSTALLATION AND LOCATION AR Center Camp Santiago, PR		
4. PROJECT TITLE Modified Record Fire Range		5. PROJECT NUMBER CAR 06-11825
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)		
<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>		
12. SUPPLEMENTAL DATA		

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3. INSTALLATION AND LOCATION AR Center Camp Santiago, PR																						
4. PROJECT TITLE Modified Record Fire Range		5. PROJECT NUMBER CAR 06-11825																				
12. SUPPLEMENTAL DATA a. Estimated design data: (1) Status: (a) Date Design Started..... 07/04 (b) Percent Complete as of January 2005..... 35% (c) Date Design 35% Complete..... 01/05 (d) Date Design Complete..... 09/05 (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..... <u>Design - Bid - Build</u> (2) Basis: (a) Standard or Definitive Design..... No (b) Where Design Was Most Recently Used..... N/A (3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000) (a) Production of Plans and Specifications..... 255 (b) All Other Design Costs..... 63 (c) Total..... 318 (d) Contract..... 306 (e) In-house..... 12 (4) Construction Award..... 01/06 (5) Construction Start..... 02/06 (6) Construction Completion..... 02/07 b. Equipment associated with this project which will be provided from other appropriations: <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Equipment Nomenclature</th> <th style="text-align: left; border-bottom: 1px solid black;">Procuring Appropriation</th> <th style="text-align: left; border-bottom: 1px solid black;">Fiscal Year Appropriated or Requested</th> <th style="text-align: right; border-bottom: 1px solid black;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Targetry</td> <td>OPA</td> <td>2006</td> <td style="text-align: right;">348</td> </tr> <tr> <td>Furniture</td> <td>OMAR</td> <td>2007</td> <td style="text-align: right;">25</td> </tr> <tr> <td>UXO</td> <td>OMAR</td> <td>2007</td> <td style="text-align: right;">200</td> </tr> <tr> <td colspan="3" style="text-align: right;">Total:</td> <td style="text-align: right; border-top: 1px solid black;">573</td> </tr> </tbody> </table> Point of Contact: MAJ Nguyen, 703-601-1940			Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)	Targetry	OPA	2006	348	Furniture	OMAR	2007	25	UXO	OMAR	2007	200	Total:			573
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1. COMPONENT AR		FY 2006 MILITARY CONSTRUCTION PROJECT DATA		2. Date Feb 05	
3. INSTALLATION AND LOCATION Worldwide Unspecified			4. PROJECT TITLE Planning and Design		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 999	7. PROJECT NUMBER N/A	8. PROJECT COST (\$000) 14,416		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
Planning and Design		LS			14,416
10. DESCRIPTION OF PROPOSED CONSTRUCTION This item provides for parametric, concept, and final design of major and unspecified minor military construction projects; value engineering; and the development of standards and criteria for Army Reserve projects.					
11. 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 AR	FY 2006 MILITARY CONSTRUCTION PROJECT DATA			2. Date Feb 05
3. INSTALLATION AND LOCATION Worldwide Unspecified		4. PROJECT TITLE Unspecified Minor Construction		
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 999	7. PROJECT NUMBER N/A	8. PROJECT COST (\$000) 2,979	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
Unspecified Minor Construction	LS			2,979
10. DESCRIPTION OF PROPOSED CONSTRUCTION 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				