

DEPARTMENT OF THE ARMY
UNITED STATES ARMY RESERVE

FY 2002 AMENDED BUDGET SUBMISSION

MILITARY CONSTRUCTION



JUSTIFICATION DATA SUBMITTED TO CONGRESS

JUNE 2001

TABLE OF CONTENTS

	<u>Page</u>
Table of Contents	i
State List and Summary Data	ii-iii
Air and Water Pollution Abatement	vi
Energy Conservation Investment Program	v
Section I - Budget Appendix Extract	
Language	I-1
Special Considerations	I-2
Section II - Installation and Project Justification Data DD Forms 1390/1391	
Major Construction	II-1
Unspecified Minor Construction	II-49
Planning and Design	II-50

DISCLAIMER: This administration has not addressed FY 2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change.

NO OBJECTION TO SECURITY RELEASE:

MR. ERIC LOUGHNER, DAAR-EN

Department of the Army
 Military Construction, Army Reserve - FY 2002
 Index of Locations
 (Dollars in Thousands)

State/ Country	Installation and Location Project Title	Auth		New/ Current Mission	DD Form 1391 Page No.
		of Approp	Approp Amount		
Inside the United States					
Arizona	Mesa USAR Center/Organizational Maintenance Shop/Unheated Storage	<u>10,900</u>	<u>10,900</u>	C	II-3
	Subtotal	10,900	10,900		
Colorado	Fort Carson Alteration to AFR Center//New USAR Center/Storage	<u>9,394</u>	<u>9,394</u>	C	II-8
	Subtotal	9,394	9,394		
Kentucky	Fort Knox USAR Center	<u>14,846</u>	<u>14,846</u>	C	II-14
	Subtotal	14,846	14,846		
New Hampshire	Rochester USAR Ctr/Organizational Maintenance Shop/ Storage	<u>9,122</u>	<u>9,122</u>	C	II-19
	Subtotal	9,122	9,122		
New Jersey	Fort Dix Barracks Modernization	<u>12,000</u>	<u>12,000</u>	C	II-24
	Subtotal	12,000	12,000		
Ohio	Cleveland Land Acquisition	<u>1,200</u>	<u>1,200</u>	C	II-29
	Subtotal	1,200	1,200		
Texas	Red River Army Depot USAR Ctr/Organizational Maintenance Shop/ Area Maintenance Support Activity/Storage	<u>1,862</u>	<u>1,862</u>	C	II-34
	Subtotal	1,862	1,862		
Washington	Fort Lewis USAR Ctr/Organizational Maintenance Shop/ Aviation Support Facility/Storage	<u>21,978</u>	<u>21,978</u>	C	II-40
	Subtotal	21,978	21,978		
Outside the United States					
American Samoa	Tafuna USAR Center/Organizational Maintenance Shop/Unheated Storage/Land	<u>19,703</u>	<u>19,703</u>	C	II-45
	Subtotal Outside the United States	19,703	19,703		

Department of the Army
 Military Construction, Army Reserve - FY 2002
 Index of Locations
 (Dollars in Thousands)

<u>State/ Country</u>	<u>Installation and Location Project Title</u>	Auth of <u>Approp</u>	Approp <u>Amount</u>	New/ Current <u>Mission</u>	DD Form 1391 Page <u>No.</u>
	Subtotal Major Construction	101,005	101,005		
Support	Unspecified Minor Construction	2,375	2,375	NA	II-49
	Planning and Design	<u>8,024</u>	<u>8,024</u>	NA	II-50
	Grand Total Authorization/TOA	111,404	111,404		
	Total New Mission	0	0		
	Total Current Mission	101,005	101,005		

Department of the Army
Military Construction, Army Reserve - FY 2002
Index of Locations
Air and Water Pollution Abatement
(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				

Department of the Army
 Military Construction, Army Reserve - FY 2002
 Index of Locations
 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				

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, (\$108,738,000) \$111,404,000 to remain available until September 30, (2005) 2006.

MILITARY CONSTRUCTION, ARMY RESERVE

FY 2002

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 2002 budget.

Congressional Reporting Requirements

Maintenance and Repair of Real Property: Senate Appropriations Committee Report 100-200, page 24 (Non-MILCON Construction Activities); and Appropriations Conference Report 100-498, page 1006 (Non-MILCON Construction activities).

<u>Appropriation</u>	<u>(\$000)</u>
Operation and Maintenance, Army Reserve	
- Maintenance and Repair	15.5
- Minor Construction	0.0

SECTION II

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01															
3. INSTALLATION AND LOCATION USAR Center, Mesa, AZ				4. AREA CONSTR COST INDEX 0.98															
5. FREQUENCY AND TYPE UTILIZATION Reservists - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR, Center, Phoenix, AZ - 51 kilometers ARNG, Armory, Phoenix, AZ - 51 kilometers USAR, Center, Tuscon, AZ - 185 kilometers																			
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;">CATEGORY CODE</th> <th rowspan="2" style="text-align: left;">PROJECT TITLE</th> <th rowspan="2" style="text-align: left;">SCOPE</th> <th rowspan="2" style="text-align: left;">COST (\$000)</th> <th colspan="2" style="text-align: center;">DESIGN STATUS</th> </tr> <tr> <th style="text-align: center;">START</th> <th style="text-align: center;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">17140</td> <td style="text-align: left;">USAR Center/OMS/UNH STRG</td> <td style="text-align: left;">6,919 m2 (74,468 sf)</td> <td style="text-align: left;">10,900</td> <td style="text-align: center;">07/99</td> <td style="text-align: center;">04/01</td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS		START	COMPLETE	17140	USAR Center/OMS/UNH STRG	6,919 m2 (74,468 sf)	10,900	07/99	04/01
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS															
				START	COMPLETE														
17140	USAR Center/OMS/UNH STRG	6,919 m2 (74,468 sf)	10,900	07/99	04/01														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>19 Apr 2000</u> Joint Service Reserve Component Facility Board for possible (Date) 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 None																			

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01
3. INSTALLATION AND LOCATION USAR Center, Mesa, AZ		4. AREA CONSTR COST INDEX 0.98
11. PERSONNEL STRENGTH AS OF: 01 May 2001		
	PERMANENT	GUARD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZE	44 23 15 6	624 162 462
ACTUAL	44 23 15 6	612 133 479
12. RESERVE UNIT DATA ASGD/AUTH 98%		
		STRENGTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
6253 USAH (-)	195	247
164 HHC CORPS SPT GP	123	155
1391ST LSB DET 1 3D BDE 9	15	15
877 POSTAL PLT 1	18	17
877 POSTAL PLT 2	18	6
877 POSTAL PLT 3	18	6
877TH POSTAL CO HQ DET	5	4
751ST QM CO	117	66
363 AUG BN (LANES)	115	96
Totals	624	612
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
Wheeled Vehicles	93	93
Trailers	66	66
Totals	159	159
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
		(\$000)
Air Pollution		0
Water Pollution		0
Safety and Occupational Health		0

1. COMPONENT USAR		FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01	
3. INSTALLATION AND LOCATION USAR Center Mesa, AZ			4. PROJECT TITLE USAR Center/OMS/UNH STRG			
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 02-10878	8. PROJECT COST (\$000) 10,900			
9. COST ESTIMATES						
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)		
<u>PRIMARY FACILITIES:</u>				8062		
Training Building (65,916 sf)	m2	6,124	1154.80	(7072)		
Maintenance Building (5,745 sf)	m2	534	1303.37	(696)		
Unheated Storage (2,807 sf)	m2	261	819.92	(214)		
Antiterrorism/Force Protection	LS	-	-	(80)		
<u>SUPPORTING FACILITIES:</u>				1759		
Site Improvement	LS	-	-	(1209)		
Telecommunications	LS	-	-	(346)		
Paving/Walk/Curb & Gutter	LS	-	-	(192)		
Antiterrorism/Force Protection	LS	-	-	(12)		
TOTAL CONSTRUCTION COST				9821		
Contingencies (5.0 %)				491		
Supervision and Administration (5.7 %)				588		
TOTAL PROJECT COST				10900		
Equipment Funded Other Appropriation			(Non-Add)	(1097)		
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>Construct a new two-story 600-member U.S. Army Reserve Center (USARC), an Organizational Maintenance Shop (OMS), and an unheated storage building. The USARC will be permanent construction with reinforced concrete foundations and floor slabs, structural steel frames, masonry veneer walls, standing seam metal roofs, and mechanical and electrical systems. Solar water heating system will be incorporated for energy efficiency. The new buildings will be equipped with smoke/fire detection and sprinkler systems. Supporting facilities will include site improvements, privately owned vehicle (POV) parking, military equipment parking (MEP), washrack with oil/water separator, and extension of utilities to service the project. 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 to prevent access when standoff distance cannot be maintained. Air Conditioning: 588 kw.</p>						
11. REQUIREMENT: 6,919 m2 Adequate: 0 m2 Substandard: 0m2						
PROJECT: Construct a new two-story 600-member USARC/OMS, and an unheated storage building. (Current Mission)						
REQUIREMENT: This project will provide a 600-Member USARC with adequate administrative areas, classrooms, library, learning center, assembly hall, arms vault, kitchen, locker rooms, physical readiness area and other support areas. The project will also provide an OMS with three workbays,						

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01
3. INSTALLATION AND LOCATION USAR Center Mesa, AZ		
4. PROJECT TITLE USAR Center/OMS/UNH STRG	5. PROJECT NUMBER CAR 02-10878	
<p>11. REQUIREMENT (CONT)</p> <p>maintenance administrative space, parts and tool storage, battery storage, flammable material storage, and hazardous waste storage. An unheated storage facility will also be provided.</p> <p>CURRENT SITUATION: The property was transferred to the USAR from the U.S. Air Force (USAF) on 17 Sep 95 as a result of Base Realignment and Closure (BRAC) of 1990. The transferred property had one usable building (Building 602) and two unusable buildings (Buildings 524 and 689). The two unusable buildings were demolished and were replaced with prefabricated butler buildings which are currently used as classrooms and storage. Building 602 was constructed in 1950 and has few private offices (i.e., mostly open space area). There are currently 10 paved stalls available for POV parking at the site. Unit personnel must park in unpaved lots or along the side of the street on drill weekends. There is no assembly hall or kitchen for unit training on drill weekends. Unit weapons are stored 32 miles away at the Barnes Hall USARC in Phoenix, AZ. Unit mechanics must travel to the Barnes Hall USARC to perform routine maintenance or work outdoors in the unpaved MEP area. The parts, tools, and supplies for maintenance activities are in temporary containers.</p> <p>IMPACT IF NOT PROVIDED: The dispersed, substandard, and overcrowded conditions will continue to have negative impact on the readiness and mobilization posture/objectives of the affected USAR units. Units will have no assembly hall, kitchen, or place to secure, store, and maintain their equipment and vehicles. Without the maintenance facility, routine services and repairs of equipment and vehicles cannot be accomplished. Lack of adequate facilities will continue to significantly impact training and morale.</p> <p>ADDITIONAL: This project has been coordinated with the Regional Support Command physical security plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates were not used to develop project costs.</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. Mission requirements, operational considerations, and location are incompatible with other components.</p>		

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01																																								
3. INSTALLATION AND LOCATION USAR CENTER MESA, AZ																																										
4. PROJECT TITLE USAR Center/OMS/UNH STRG		5. PROJECT NUMBER CAR 02-10878																																								
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started.....<u>07/99</u></p> <p>(b) Percent Complete as of January 2001..... <u>45%</u></p> <p>(c) Date Design 35% Complete.....<u>08/00</u></p> <p>(d) Date Design Complete.....<u>04/01</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost. <u>No</u></p> <p>(f) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(g) Type of Design Contract.....<u>Design - Bid - Build</u></p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design..... <u>No</u></p> <p>(b) Where Design Was Most Recently Used... <u>N/A</u></p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>520</u></p> <p>(b) All Other Design Costs..... <u>170</u></p> <p>(c) Total..... <u>690</u></p> <p>(d) Contract..... <u>587</u></p> <p>(e) In-house..... <u>103</u></p> <p>(4) Construction Award.....<u>11/01</u></p> <p>(5) Construction Start.....<u>12/01</u></p> <p>(6) Construction Completion.....<u>10/03</u></p> <p>b. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: left;"><u>Procuring Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr><td>Shelving</td><td>OMAR</td><td>2003</td><td style="text-align: right;">112</td></tr> <tr><td>Physical Ed Equip</td><td>OMAR</td><td>2003</td><td style="text-align: right;">30</td></tr> <tr><td>Lockers</td><td>OMAR</td><td>2003</td><td style="text-align: right;">41</td></tr> <tr><td>Wire Mesh Cages</td><td>OMAR</td><td>2003</td><td style="text-align: right;">203</td></tr> <tr><td>Furniture</td><td>OMAR</td><td>2003</td><td style="text-align: right;">400</td></tr> <tr><td>Kitchen Equipment</td><td>OMAR</td><td>2003</td><td style="text-align: right;">76</td></tr> <tr><td>Dehumidifier</td><td>OMAR</td><td>2003</td><td style="text-align: right;">1</td></tr> <tr><td>IT SPT Equipment</td><td>OMAR</td><td>2003</td><td style="text-align: right;">234</td></tr> <tr><td colspan="3" style="text-align: right;">TOTAL:</td><td style="text-align: right;">1097</td></tr> </tbody> </table> <p style="text-align: center;">Point of Contract: LTC McBride, 703-601-3413</p>			<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Shelving	OMAR	2003	112	Physical Ed Equip	OMAR	2003	30	Lockers	OMAR	2003	41	Wire Mesh Cages	OMAR	2003	203	Furniture	OMAR	2003	400	Kitchen Equipment	OMAR	2003	76	Dehumidifier	OMAR	2003	1	IT SPT Equipment	OMAR	2003	234	TOTAL:			1097
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>																																							
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IT SPT Equipment	OMAR	2003	234																																							
TOTAL:			1097																																							

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01															
3. INSTALLATION AND LOCATION Fort Carson, CO				4. AREA CONSTR COST INDEX 1.06															
5. FREQUENCY AND TYPE UTILIZATION Reservists - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USA, Fort Carson, CO - 2 kilometers USAF, Base, Colorado Springs - 16 kilometers USAF, Base, Colorado Springs - 24 kilometers USAF, Base, Colorado Springs - 24 kilometers																			
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;">CATEGORY CODE</th> <th rowspan="2" style="text-align: left;">PROJECT TITLE</th> <th rowspan="2" style="text-align: left;">SCOPE</th> <th rowspan="2" style="text-align: left;">COST (\$000)</th> <th colspan="2" style="text-align: center;">DESIGN STATUS</th> </tr> <tr> <th style="text-align: center;">START</th> <th style="text-align: center;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">17141</td> <td style="text-align: left;">Alt AFRC/New USARC/Storage</td> <td style="text-align: left;">5,764 m2 (62,042 sf)</td> <td style="text-align: left;">9,394</td> <td style="text-align: center;">03/99</td> <td style="text-align: center;">07/01</td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS		START	COMPLETE	17141	Alt AFRC/New USARC/Storage	5,764 m2 (62,042 sf)	9,394	03/99	07/01
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS															
				START	COMPLETE														
17141	Alt AFRC/New USARC/Storage	5,764 m2 (62,042 sf)	9,394	03/99	07/01														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>16 Aug 2000</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 None																			

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01
3. INSTALLATION AND LOCATION Fort Carson, CO		4. AREA CONSTR COST INDEX 1.06
11. PERSONNEL STRENGTH AS OF: 07 May 2001		
	PERMANENT	GUARD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZE	19 1 15 3	667 62 605
ACTUAL	19 1 15 3	498 61 437
12. RESERVE UNIT DATA ASGD/AUTH 75%		
		STRENGTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
5025 USAR GARRISON UNIT	296	272
858TH QM CO	194	72
368TH MI BN (TAREX ELE TM)	6	8
423RD TRANSPORTATION CO	169	145
150TH JAG TM 9 (MIL JUDGE)	2	1
Totals	667	498
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
Wheeled Vehicles	150	150
Trailers	158	158
Tracked Vehicles	2	2
Totals	310	310
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
		(\$000)
Air Pollution		0
Water Pollution		0
Safety and Occupational Health		0

1. COMPONENT USAR		FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01		
3. INSTALLATION AND LOCATION Fort Carson, CO			4. PROJECT TITLE Alt AFRC/New USARC/Storage				
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 17141	7. PROJECT NUMBER CAR 02-10363		8. PROJECT COST (\$000) 9,394		
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>							7003
Tng Bldg Alteration (14,542 sf)				m2	1,351	1059.96 (	1432)
Training Building (44,694 sf)				m2	4,152	1269.51 (	5271)
Unheated Storage (2,806 sf)				m2	261	885.06 (	231)
Antiterrorism/Force Protection				LS	-	-	(69)
<u>SUPPORTING FACILITIES:</u>							1461
Site Improvement				LS	-	-	(1205)
Telecommunications				LS	-	-	(244)
Antiterrorism/Force Protection				LS	-	-	(12)
TOTAL CONSTRUCTION COST							8464
Contingencies (5.0 %)							423
Supervision and Administration (5.7 %)							507
TOTAL PROJECT COST							9394
Equipment Funded Other Appropriation						(Non-Add)	(1739)
10. DESCRIPTION OF PROPOSED CONSTRUCTION							
<p>This project will alter the existing U.S. Army Reserve portion of the Duncan-Selix Armed Forces Reserve Center (AFRC), construct a new two-story U.S. Army Reserve Center (USARC), and an unheated storage building at Fort Carson, Colorado. The USARC will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, HVAC systems, electrical systems, and security systems (fire alarm connected via radio and security system telephone lines for intrusion alarms) to match the existing AFRC structure. In addition, the USARC will be equipped with smoke/fire detection and sprinkler systems. Special foundations with radon barrier will be required. The AFRC alteration will bring the existing building to current standards. Supporting facilities will include privately owned vehicle (POV) parking area, site preparation, site improvements, and extension of utilities to serve the project. 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 to prevent access when standoff distance cannot be maintained. Air Conditioning: 422 kw.</p>							
11. REQUIREMENT: 5,764 m2 Adequate: 0 m2 Substandard: 0 m2							
PROJECT: Alter existing U.S. Army Reserve portion of the AFRC, construct a new two-story USARC, and an unheated storage building. (Current Mission)							

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01
3. INSTALLATION AND LOCATION Fort Carson, CO		
4. PROJECT TITLE Alt AFRC/New USARC/Storage		5. PROJECT NUMBER CAR 02-10363
<p>11. REQUIREMENT (CONT)</p> <p>REQUIREMENT: This project will provide adequate training facilities for a garrison support unit, a quartermaster company, a transportation company, a legal detachment, and one military intelligence team. The project will provide required administrative, classroom, library, learning center, arms vault, unit and individual equipment storage, and assembly areas. Support areas include upgrade of the existing kitchen.</p> <p>CURRENT SITUATION: Recent activations/relocations have created serious space problems for USAR units at the Duncan-Selix AFRC. The facility does not meet minimal functional and operational requirements of the USAR units. The existing facility was designed and constructed for two USAR units. This facility currently has five USAR units assigned. Two USAR units have Force Support Package missions. There are critical shortages in every category of space in this facility (training, administrative, and storage). Space is so limited that the assembly hall must be used to support administrative and classroom activities on drill weekends in addition to assembly and dining activities. Training has become ineffective due to excessive noise and space limitations caused by the overcrowded conditions. Extensive growth in the Colorado Springs area has led to the activation/relocation of additional units into the already overcrowded AFRC facility. Based on the demographic data available, restationing units to another center in Colorado is not a viable option. Fort Carson provides the only site for stationing these units. Temporary space for USAR units has been requested from the installation to relieve overcrowding at the AFRC and support activation of the additional USAR units. Administrative space in active component barracks buildings will be made available on a temporary basis by the installation. Locating USAR units from the AFRC, in diverted space, provides command and control obstacles, increases the workload of the facility manager, and creates parking shortages for reservists and barracks occupants on drill weekends.</p> <p>IMPACT IF NOT PROVIDED: USAR personnel will continue occupying overcrowded facilities, with a poor training/working environment, which significantly impacts upon unit readiness, retention, and morale. The addition of new units into the already overcrowded facility exasperates existing space deficiencies, and it will degrade exponentially over the next two years. The USAR units cannot perform proper training or administrative support to standards. Unit readiness and mobilization capabilities will be significantly reduced because of training conducted in the undersized and inefficient facilities.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis has been prepared and</p>		

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01																																				
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<p>11. REQUIREMENT (CONT)</p> <p>utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates were not used to develop project costs.</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. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>																																						
<p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="padding-left: 20px;">(a) Date Design Started.....</td><td style="text-align: right;"><u>03/99</u></td></tr> <tr><td style="padding-left: 20px;">(b) Percent Complete as of January 2001.....</td><td style="text-align: right;"><u>45%</u></td></tr> <tr><td style="padding-left: 20px;">(c) Date Design 35% Complete.....</td><td style="text-align: right;"><u>09/00</u></td></tr> <tr><td style="padding-left: 20px;">(d) Date Design Complete.....</td><td style="text-align: right;"><u>07/01</u></td></tr> <tr><td style="padding-left: 20px;">(e) Parametric Cost Estimating Used to Develop Cost.</td><td style="text-align: right;"><u>No</u></td></tr> <tr><td style="padding-left: 20px;">(f) An energy study and life cycle cost analysis will be documented during the final design.</td><td></td></tr> <tr><td style="padding-left: 20px;">(g) Type of Design Contract.....</td><td style="text-align: right;"><u>Design - Bid - Build</u></td></tr> </table> <p>(2) Basis:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="padding-left: 20px;">(a) Standard or Definitive Design.....</td><td style="text-align: right;"><u>No</u></td></tr> <tr><td style="padding-left: 20px;">(b) Where Design Was Most Recently Used...</td><td style="text-align: right;"><u>N/A</u></td></tr> </table> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="padding-left: 20px;">(a) Production of Plans and Specifications.....</td><td style="text-align: right;"><u>550</u></td></tr> <tr><td style="padding-left: 20px;">(b) All Other Design Costs.....</td><td style="text-align: right;"><u>170</u></td></tr> <tr><td style="padding-left: 20px;">(c) Total.....</td><td style="text-align: right;"><u>720</u></td></tr> <tr><td style="padding-left: 20px;">(d) Contract.....</td><td style="text-align: right;"><u>624</u></td></tr> <tr><td style="padding-left: 20px;">(e) In-house.....</td><td style="text-align: right;"><u>96</u></td></tr> </table> <p>(4) Construction Award.....<u>12/01</u></p> <p>(5) Construction Start.....<u>03/02</u></p> <p>(6) Construction Completion.....<u>05/04</u></p> <p>b. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width: 100%; border-collapse: collapse; margin-top: 20px;"> <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: left; border-bottom: 1px solid black;">Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>Furniture</td> <td>OMAR</td> <td>2004</td> <td>510</td> </tr> </tbody> </table>			(a) Date Design Started.....	<u>03/99</u>	(b) Percent Complete as of January 2001.....	<u>45%</u>	(c) Date Design 35% Complete.....	<u>09/00</u>	(d) Date Design Complete.....	<u>07/01</u>	(e) Parametric Cost Estimating Used to Develop Cost.	<u>No</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>	(a) Standard or Definitive Design.....	<u>No</u>	(b) Where Design Was Most Recently Used...	<u>N/A</u>	(a) Production of Plans and Specifications.....	<u>550</u>	(b) All Other Design Costs.....	<u>170</u>	(c) Total.....	<u>720</u>	(d) Contract.....	<u>624</u>	(e) In-house.....	<u>96</u>	Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost (\$000)	Furniture	OMAR	2004	510
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1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01	
3. INSTALLATION AND LOCATION Fort Carson, CO			
4. PROJECT TITLE Alt AFRC/New USARC/Storage		5. PROJECT NUMBER CAR 02-10363	
12. SUPPLEMENTAL DATA: (Continued)			
b. Equipment associated with this project which will be provided from other appropriations: (Cont'd)			
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Shelving	OMAR	2004	269
Dehumidifier	OMAR	2004	1
Metal Lockers	OMAR	2004	156
Wire Partitions	OMAR	2004	477
Kitchen Equipment	OMAR	2004	156
IT Equipment	OMAR	2004	170
TOTAL:			1739
Point of Contact:		LTC McBride, 703-601-3418	

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01															
3. INSTALLATION AND LOCATION Fort Knox, KY				4. AREA CONSTR COST INDEX 1.05															
5. FREQUENCY AND TYPE UTILIZATION Reservists - 3 weekends/month 2 nights/week Full-Time Personnel - 5 days/week																			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USA, Fort Knox, KY - 0 kilometers USAR, Center, Fort Knox, KY - 3 kilometers USAR, Center, Fort Knox, KY - 5 kilometers USAR, Center, Fort Knox, KY - 5 kilometers USAR, Center, Fort Knox, KY - 6 kilometers																			
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CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS															
				START	COMPLETE														
17140	USAR Center	8,902 m2 (95,819 sf)	14,846	03/98	11/01														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>21 Mar 2001</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> <i>(Number of Acres)</i>															
10. PROJECTS PLANNED IN NEXT FOUR YEARS None																			

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01							
3. INSTALLATION AND LOCATION Fort Knox, KY		4. AREA CONSTR COST INDEX 1.05							
11. PERSONNEL STRENGTH AS OF: 07 May 2001									
	PERMANENT	GUARD/RESERVE							
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TOTAL	OFFICER	ENLISTED	CIVILIAN						
TOTAL	OFFICER	ENLISTED							
AUTHORIZE	85 24 47 14	967 188 779							
ACTUAL	56 13 34 9	791 137 654							
12. RESERVE UNIT DATA ASGD/AUTH 82%									
	STRENGTH								
UNIT DESIGNATION	AUTHORIZED	ACTUAL							
8TH BN, 229 AVN REG, CO C	27	21							
8TH BN, 229 AV REGT, HHC	133	127							
DSSCH/6BDE/100DIV	34	30							
2ND BN/399TH RGT/7TH BDE	204	193							
7TH TSB BN (CS/CSS) 3/345	19	19							
416 AUG TM EVAL (FT KNOX)	5	5							
8TH BN, 229 AVN REG, CO A	27	19							
1/341 BN LOG SPT 4 BDE 85	50	42							
7 BDE (TS)	28	29							
8th BN, 229 AVN REG, CO B	27	19							
8th BN, 229 AVN REG, CO D	97	78							
3/337 BN (TS)/(CS/CSS) 4B	169	116							
1 BN/399TH REGT/7TH BDE	147	93							
Totals	967	791							
13. MAJOR EQUIPMENT AND AIRCRAFT									
TYPE	AUTHORIZED	ACTUAL							
Wheeled Vehicles	199	199							
Trailers	72	72							
Tracked Vehicles	19	19							
Totals	290	290							
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES									
	(\$000)								
Air Pollution	0								
Water Pollution	0								
Safety and Occupational Health	0								

1. COMPONENT USAR		FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01			
3. INSTALLATION AND LOCATION Fort Knox, KY			4. PROJECT TITLE USAR Center					
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 02-01630		8. PROJECT COST (\$000) 14,846			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>								11124
Training Building (95,819 sf)					m2	8,902	1237.25	(11014)
Antiterrorism/Force Protection					LS	-	-	(110)
<u>SUPPORTING FACILITIES:</u>								2252
Site Improvement					LS	-	-	(1669)
Telecommunications					LS	-	-	(566)
Antiterrorism/Force Protection					LS	-	-	(17)
TOTAL CONSTRUCTION COST								13376
Contingencies (5.0 %)								669
Supervision and Administration (5.7 %)								801
TOTAL PROJECT COST								14846
Equipment Funded Other Appropriation							(Non-Add)	(3255)
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
<p>Construct an 1,000-member U.S. Army Reserve Center (USARC). The building will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel framing, masonry veneer exterior walls, standing metal seam roofing, mechanical systems, and electrical systems. The training building will be designed for maximum energy efficiency. Ground source heating and cooling systems will be considered for heating/cooling the building. Supporting facilities will include paving, site improvements and extension of utilities to service the project. The training building will be protected by fire and intrusion alarm system. Mechanical and electrical systems will be controlled by a energy management control system. Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. Air Condition: 600 kw.</p>								
11. REQUIREMENT: 8,902 m2 Adequate: 0m2 Substandard: 0m2								
PROJECT: Construct an 1,000-member USARC. (Current Mission)								
REQUIREMENT: This project will provide a 1,000-member training facility with administrative areas, classrooms, library, learning center, assembly hall, kitchen, arms vault, and unit storage area for twelve individual units located on Fort Knox, four being FSP units. The project will provide adequate parking space for privately owned vehicles.								

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01
3. INSTALLATION AND LOCATION Fort Knox, KY		
4. PROJECT TITLE USAR Center	5. PROJECT NUMBER CAR 02-01630	
<p>11. REQUIREMENT (CONT)</p> <p>CURRENT SITUATION: Units are currently housed in 1950's vintage converted barracks constructed of wood and scheduled for demolition. The barracks do not provide the quality or type space needed for the units to accomplish their mission. In addition, they contain many hidden hazards such as asbestos, and numerous violations of NFPA 101 (The Life Safety Code). The buildings are not dedicated to the Army Reserve and could be withdrawn by the post based on higher priority mission requirements. Four different general officer commands have troops that are housed in substandard facilities, which effects the morale and retention of all soldiers involved. The maintenance operation is housed in the Colby Motor Park, which is a quality permanent facility assigned to these units by the post.</p> <p>IMPACT IF NOT PROVIDED: The units will continue to be housed in substandard facilities that are not energy efficient, overcrowded, and not collocated. Additionally, the facilities currently being used by the Army Reserve do not meet the space criteria established by Army Reserve Land and Facilities Management. Continued use of these substandard facilities will significantly impact morale, recruiting, retention, and mission readiness of all units concerned.</p> <p>ADDITIONAL INFORMATION: This project was coordinated with the Regional Support Command physical security plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting federal property 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.</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. Mission requirements, operational considerations, and location are incompatible with use by other components.</p> <p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started.....<u>03/98</u></p> <p>(b) Percent Complete as of January 2001..... <u>55%</u></p> <p>(c) Date Design 35% Complete.....<u>06/00</u></p> <p>(d) Date Design Complete.....<u>11/01</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost. <u>No</u></p> <p>(f) An energy study and life cycle cost analysis will</p>		

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01	
3. INSTALLATION AND LOCATION Fort Knox, KY			
4. PROJECT TITLE USAR Center		5. PROJECT NUMBER CAR 02-01630	
12. SUPPLEMENTAL DATA: (Continued)			
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>632</u>			
(b) All Other Design Costs..... <u>178</u>			
(c) Total..... <u>810</u>			
(d) Contract..... <u>45</u>			
(e) In-house..... <u>765</u>			
(4) Construction Award..... <u>11/01</u>			
(5) Construction Start..... <u>03/02</u>			
(6) Construction Completion..... <u>09/03</u>			
b. Equipment associated with this project which will be provided from other appropriations:			
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Furniture	OMAR	2003	1700
Shelving	OMAR	2003	112
IT SPT Equipment	OMAR	2003	862
Kitchen Equipment	OMAR	2003	199
Wire partitions	OMAR	2003	382
TOTAL:			<u>3255</u>
Point of Contact:		LTC McBride , 703-601-3418	

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01															
3. INSTALLATION AND LOCATION USAR Center, Rochester, NH				4. AREA CONSTR COST INDEX 1.05															
5. FREQUENCY AND TYPE UTILIZATION Reservists - 3 weekends/month 1 nights/week Full-Time Personnel - 5 days/week																			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS ARNG, Armory, Rochester, NH - 8 kilometers ARNG, Armory, Somersworth, NH - 16 kilometers ARNG, Armory, Dover, NH - 19 kilometers ARNG, Armory, Stratford, NH - 24 kilometers																			
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CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS															
				START	COMPLETE														
17140	USAR Center/OMS/Storage	4,592 m2 (49,429 sf)	9,122	12/98	08/02														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>07 Jun 2000</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 None																			

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01
3. INSTALLATION AND LOCATION USAR Center, Rochester, NH		4. AREA CONSTR COST INDEX 1.05
11. PERSONNEL STRENGTH AS OF: 07 May 2001		
	PERMANENT	GUARD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZE	11 0 9 2	276 16 260
ACTUAL	11 0 9 2	222 9 213
12. RESERVE UNIT DATA ASGD/AUTH 80%		
		STRENGTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
CO A 368 EN BN (CBT HVY)	144	133
D/1/304R/1BDE/98DIVIT	21	14
E/1/304R/1B/98DIVIT	21	14
E/2BN/304RGT/1BDE/98DIVIT	21	10
947 QM CO PETROLEUM	69	51
Totals	276	222
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
Wheeled Vehicles	111	111
Trailers	131	131
Tracked Vehicles	8	8
Totals	250	250
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
		(\$000)
Air Pollution		0
Water Pollution		0
Safety and Occupational Health		0

1. COMPONENT USAR		FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01	
3. INSTALLATION AND LOCATION USAR Center Rochester, NH			4. PROJECT TITLE USAR Center/OMS/Storage			
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 02-10102	8. PROJECT COST (\$000) 9,122			
9. COST ESTIMATES						
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)		
<u>PRIMARY FACILITIES:</u>				5870		
Training Building (40,484 sf)	m2	3,761	1266.95	(	4765)	
Maintenance Building (6,943 sf)	m2	645	1370.54	(	884)	
Unheated Storage (2,002 sf)	m2	186	876.34	(	163)	
Antiterrorism/Force Protection	LS	-	-	(	58)	
<u>SUPPORTING FACILITIES:</u>				2349		
Site Improvement	LS	-	-	(	1059)	
Telecommunications	LS	-	-	(	206)	
Antiterrorism/Force Protection	LS	-	-	(	20)	
Parking Areas	m2	10289	103.41	(	1064)	
TOTAL CONSTRUCTION COST				8219		
Contingencies (5.0 %)				411		
Supervision and Administration (5.7 %)				492		
TOTAL PROJECT COST				9122		
Equipment Funded Other Appropriation			(Non-Add)		(1232)	
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>Construct a 300-member US Army Reserve Center (USARC), an Organizational Maintenance Shop (OMS), and an unheated storage facility. Buildings will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frames, masonry veneer walls, standing seam metal roof, HVAC Systems, mechanical systems and electrical systems, and security systems (fire alarm connected via radio and security system telephone lines for intrusion alarms). Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve projects. 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 to prevent access when standoff distance cannot be maintained. Air Conditioning: 464 kw</p>						
11. REQUIREMENT: 4,592 m2 Adequate: 0 m2 Substandard: 0 m2						
PROJECT. Construct a 300-member USARC, an OMS, and an unheated storage facility. (Current Mission)						
REQUIREMENT. This project will provide a 300-member training facility with administrative areas, classroom, library, learning center, assembly hall, arms vault, kitchen and unit storage functions for one engineer, one quartermaster, and three infantry units. The maintenance shop will provide maintenance administrative, tool and parts, storage, battery, controlled waste, and work bay space for training to accomplish organizational						

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01
3. INSTALLATION AND LOCATION USAR Center Rochester, NH		
4. PROJECT TITLE USAR Center/OMS/Storage	5. PROJECT NUMBER CAR 02-10102	
<p>11. REQUIREMENT (CONT)</p> <p>maintenance. This project will provide an unheated storage facility for unit equipment. It will also provide adequate parking space for all military and privately owned vehicles.</p> <p>CURRENT SITUATION. This project will combine units from two USARCs into a single facility. The two facilities this project will replace Rochester/Portsmouth are both 1957 vintage buildings that sit on less than 4.0 acres each with no expansion capability. These two centers are only 17 miles apart. The area for proposed construction would be centered around Pease AFB, Dover/Portsmouth because this area has the best market demographics, and also provides easy access to infrastructure (highway/rail and air). The existing POV and military equipment parking areas at the USARC are not adequate for the unit equipment and detracts from overall unit readiness.</p> <p>IMPACT IF NOT PROVIDED. The unit will not be able to properly conduct training and be prepared to meet its readiness and mobilization objectives with the continued use of substandard, overcrowded and antiquated facilities.</p> <p>ADDITIONAL: This project has been coordinated with the Regional Support Command physical security plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates were not used to develop project costs.</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. Mission requirements, operational considerations, and location are incompatible with other components.</p> <p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started.....<u>10/00</u></p> <p>(b) Percent Complete as of January 2001..... <u>35%</u></p> <p>(c) Date Design 35% Complete.....<u>01/01</u></p> <p>(d) Date Design Complete.....<u>06/02</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost. <u>No</u></p>		

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01																																
3. INSTALLATION AND LOCATION USAR Center Rochester, NH																																		
4. PROJECT TITLE USAR Center/OMS/Storage		5. PROJECT NUMBER CAR 02-10102																																
12. SUPPLEMENTAL DATA: (Continued)																																		
<p style="margin-left: 40px;">(f) An energy study and life cycle cost analysis will be documented during the final design.</p> <p style="margin-left: 40px;">(g) Type of Design Contract.....<u>Design - Bid - Build</u></p> <p>(2) Basis:</p> <p style="margin-left: 40px;">(a) Standard or Definitive Design..... <u>No</u></p> <p style="margin-left: 40px;">(b) Where Design Was Most Recently Used... <u>N/A</u></p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)</p> <p style="margin-left: 40px;">(a) Production of Plans and Specifications..... <u>510</u></p> <p style="margin-left: 40px;">(b) All Other Design Costs..... <u>170</u></p> <p style="margin-left: 40px;">(c) Total..... <u>680</u></p> <p style="margin-left: 40px;">(d) Contract..... <u>0</u></p> <p style="margin-left: 40px;">(e) In-house..... <u>680</u></p> <p>(4) Construction Award.....<u>09/02</u></p> <p>(5) Construction Start.....<u>10/02</u></p> <p>(6) Construction Completion.....<u>04/04</u></p> <p>b. Equipment associated with this project which will be provided from other appropriations:</p> <table style="margin-left: 40px; width: 80%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Equipment Nomenclature</u></th> <th style="text-align: left;"><u>Procuring Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furniture</td> <td>OMAR</td> <td>2004</td> <td style="text-align: right;">281</td> </tr> <tr> <td>Caging/Shelving</td> <td>OMAR</td> <td>2003</td> <td style="text-align: right;">541</td> </tr> <tr> <td>IT Spt Equipment</td> <td>OMAR</td> <td>2003</td> <td style="text-align: right;">151</td> </tr> <tr> <td>Kitchen Equipment</td> <td>OMAR</td> <td>2003</td> <td style="text-align: right;">190</td> </tr> <tr> <td>Physical Fit EQ</td> <td>OMAR</td> <td>2003</td> <td style="text-align: right;">60</td> </tr> <tr> <td>Pallet Racks</td> <td>OMAR</td> <td>2003</td> <td style="text-align: right;"><u>9</u></td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL:</td> <td style="text-align: right;">1232</td> </tr> </tbody> </table> <p style="margin-left: 100px;">Point of Contact: MAJ Kiene , 703-601-3420</p>			<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Furniture	OMAR	2004	281	Caging/Shelving	OMAR	2003	541	IT Spt Equipment	OMAR	2003	151	Kitchen Equipment	OMAR	2003	190	Physical Fit EQ	OMAR	2003	60	Pallet Racks	OMAR	2003	<u>9</u>	TOTAL:			1232
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>																															
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Physical Fit EQ	OMAR	2003	60																															
Pallet Racks	OMAR	2003	<u>9</u>																															
TOTAL:			1232																															

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01															
3. INSTALLATION AND LOCATION Fort Dix, NJ				4. AREA CONSTR COST INDEX 1.17															
5. FREQUENCY AND TYPE UTILIZATION Reservists - 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 - 2 kilometers USN, Lakehurst Engineering Cen - 32 kilometers USA, Fort Monmouth - 56 kilometers																			
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;">CATEGORY CODE</th> <th rowspan="2" style="text-align: left;">PROJECT TITLE</th> <th rowspan="2" style="text-align: left;">SCOPE</th> <th rowspan="2" style="text-align: left;">COST (\$000)</th> <th colspan="2" style="text-align: center;">DESIGN STATUS</th> </tr> <tr> <th style="text-align: center;">START</th> <th style="text-align: center;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">72114</td> <td style="text-align: left;">Barracks Modernization</td> <td style="text-align: left;">11,148 m2 (120,000 sf)</td> <td style="text-align: left;">12,000</td> <td style="text-align: center;">04/01</td> <td style="text-align: center;">06/02</td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS		START	COMPLETE	72114	Barracks Modernization	11,148 m2 (120,000 sf)	12,000	04/01	06/02
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS															
				START	COMPLETE														
72114	Barracks Modernization	11,148 m2 (120,000 sf)	12,000	04/01	06/02														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>12 Jan 2001</u> Joint Service Reserve Component Facility Board for possible (Date) 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 None																			

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01
3. INSTALLATION AND LOCATION Fort Dix, NJ		4. AREA CONSTR COST INDEX 1.17
11. PERSONNEL STRENGTH AS OF: 01 Jun 2001		
	PERMANENT	GUARD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZE	<u>0</u> <u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u>
ACTUAL	<u>0</u> <u>0</u> <u>0</u> <u>0</u>	<u>0</u> <u>0</u> <u>0</u>
12. RESERVE UNIT DATA ASGD/AUTH 0%		
		STRENGTH
UNIT DESIGNATION	<u>AUTHORIZED</u>	<u>ACTUAL</u>
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
None		
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
		(\$000)
Air Pollution		0
Water Pollution		0
Safety and Occupational Health		0

1. COMPONENT USAR		FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01			
3. INSTALLATION AND LOCATION Fort Dix, DX			4. PROJECT TITLE Barracks Modernization					
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 72114	7. PROJECT NUMBER CAR 02-11119		8. PROJECT COST (\$000) 12,000			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>								9024
Barracks Modernization (120,000 sf)					m2	11,148	809.47	(9024)
<u>SUPPORTING FACILITIES:</u>								1788
Telecommunications					LS	-	-	(275)
Site Improvements					LS	-	-	(278)
Antiterrorism/Force Protection					LS	-	-	(390)
Paving, Walks, Curbs and Gutters					LS	-	-	(75)
Site Utilities					LS	-	-	(770)
TOTAL CONSTRUCTION COST								10812
Contingencies (5.0%)								541
Supervision and Administration (5.7 %)								647
TOTAL PROJECT COST								12000
Equipment Funded Other Appropriation							(Non-Add)	(1440)
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
<p>Modernize three existing concrete framed and concrete masonry walled barracks to the new USARC school billeting standard. The air system is a two pipe system with individual fan control units in each room, allowing for specific atmospheric control. The bathroom upgrades replace the existing bathroom fixtures and piping providing individual (private) showers and toilet facilities. The electrical upgrade will allow the facility to handle computers in rooms and prevent spikes and brownouts in the facility. The interior renovations will supply wallcovering, carpeting and rearranging wall alignments to accomodate one person per room. Life safety upgrades will provide "smoke towers" at the ends of the building with the appropriate alarm system to protect and alert personnel. Force protection (physical security) measures will be incorporated into the design including maximum feasible standoff distances 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 Condition: 1407 kw.</p>								
11. REQUIREMENT: 11,148 m2 Adequate: 0 m2 Substandard: 0 m2								
PROJECT: Modernize three barracks buildings. (Current Mission)								
REQUIREMENT: This project provides for facility modernization of three barracks buildings. Rehabilitation of these quarters will further centralize the Officer Education System school, provide the students								

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01
3. INSTALLATION AND LOCATION Fort Dix, DX		
4. PROJECT TITLE Barracks Modernization		5. PROJECT NUMBER CAR 02-11119
<p>11. REQUIREMENT (CONT)</p> <p>adequate living conditions, and add privacy for a more effective learning environment. Renovation will require sprinklers and a "smoke" tower for each buildings to correct life safety concerns. This project is required to maintain TRADOC POI certification for the Army Reserve Officer Education System training.</p> <p>CURRENT SITUATION: The Officer Education System school training is conducted in substandard officer billets on Fort Dix. Study space is negligible and latrine facilities are inadequate, which have a negative impact on the living conditions of the soldiers. The existing billets do not promote effective training or provide proper living conditions for a well-trained, willing and able Army Reserve force. The Officer Education System school will be relocated into the renovated billeting facilities</p> <p>IMPACT IF NOT PROVIDED: The Officer Education System school training will not meet the proposed TRADOC standards for transient/student lodging in the XXI century. Students will continue to live in substandard billets adversely affecting their studying, training, and readiness. Scarce training resources will continue to reduce the effectiveness of the trainers. Officer Education System training will be delayed hindering the training of the Officer Corps of the Army Reserve.</p> <p>ADDITIONAL: This project was coordinated with the installation physical security plan and no force protection/combating terrorism measures other than those required by regulation and design guides for protecting federal property will be included. An economic analysis has not been prepared because new construction is the only feasible option to meet this requirement. Parametric estimates have not been used to develop project cost.</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components</p> <p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started.....<u>10/00</u></p> <p>(b) Percent Complete as of January 2001..... <u>35%</u></p> <p>(c) Date Design 35% Complete.....<u>12/00</u></p> <p>(d) Date Design Complete.....<u>04/02</u></p>		

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01								
3. INSTALLATION AND LOCATION Fort Dix OES School House Fort Dix, DX										
4. PROJECT TITLE Barracks Modernization	5. PROJECT NUMBER CAR 02-11119									
12. SUPPLEMENTAL DATA: (Continued)										
(e) Parametric Cost Estimating Used to Develop Cost. <u> No </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> 560 </u> (b) All Other Design Costs..... <u> 240 </u> (c) Total..... <u> 800 </u> (d) Contract..... <u> 0 </u> (e) In-house..... <u> 800 </u>										
(4) Construction Award..... <u>09/02</u>										
(5) Construction Start..... <u>10/02</u>										
(6) Construction Completion..... <u>05/03</u>										
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;"><u>Equipment</u> <u>Nomenclature</u></th> <th style="text-align: left;"><u>Procuring</u> <u>Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u></th> <th style="text-align: left;"><u>Cost</u> <u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Furniture</td> <td>OMAR</td> <td>2003</td> <td>1,440</td> </tr> </tbody> </table>			<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>	Furniture	OMAR	2003	1,440
<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>							
Furniture	OMAR	2003	1,440							
Point of Contact: MAJ Kiene, 703-601-3420										

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01															
3. INSTALLATION AND LOCATION USAR Center, Cleveland, OH				4. AREA CONSTR COST INDEX 0.99															
5. FREQUENCY AND TYPE UTILIZATION Reservists - 3 weekends/month 1 nights/week Full-Time Personnel - 5 days/week																			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR, Center, Warrensville OH - 16 kilometers USN, Base, Cleveland, OH - 8 kilometers ARNG, Armory, Cleveland, OH - 24 kilometers USAR, Center, Brooklyn, OH - 16 kilometers USAR, Center, Parma, OH - 32 kilometers																			
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;">CATEGORY CODE</th> <th rowspan="2" style="text-align: left;">PROJECT TITLE</th> <th rowspan="2" style="text-align: left;">SCOPE</th> <th rowspan="2" style="text-align: left;">COST (\$000)</th> <th colspan="2" style="text-align: center;">DESIGN STATUS</th> </tr> <tr> <th style="text-align: center;">START</th> <th style="text-align: center;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">91110</td> <td style="text-align: left;">Land Acquisition</td> <td style="text-align: left;">80,937 m2 (20 ac)</td> <td style="text-align: left;">1,200</td> <td style="text-align: center;">N/A</td> <td style="text-align: center;">N/A</td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS		START	COMPLETE	91110	Land Acquisition	80,937 m2 (20 ac)	1,200	N/A	N/A
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS															
				START	COMPLETE														
91110	Land Acquisition	80,937 m2 (20 ac)	1,200	N/A	N/A														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>16 Mar 2000</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.																			
9. LAND ACQUISITION REQUIRED FEE PURCHASE				<u>20.00</u> (Number of Acres)															
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"></th> <th style="text-align: left;">FISCAL YEAR</th> <th style="text-align: left;">COST (\$000)</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">USAR Center/OMS/AMSA</td> <td style="text-align: left;">2003</td> <td style="text-align: left;">16,598</td> </tr> </tbody> </table>							FISCAL YEAR	COST (\$000)	USAR Center/OMS/AMSA	2003	16,598								
	FISCAL YEAR	COST (\$000)																	
USAR Center/OMS/AMSA	2003	16,598																	

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01
3. INSTALLATION AND LOCATION USAR Center, Cleveland, OH		4. AREA CONSTR COST INDEX 0.99
11. PERSONNEL STRENGTH AS OF: 07 May 2001		
	PERMANENT	GUARD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZE	59 9 32 18	1077 237 840
ACTUAL	60 9 33 18	1032 251 781
12. RESERVE UNIT DATA ASGD/AUTH 96%		
		STRENGTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
3434TH MI DET	9	9
9 LSO TM, TRIAL DEF	5	6
256TH CSH - HUS	167	162
256 CSH HUB (-)	364	338
360TH MED CO (DENTAL)	59	59
350 PSYOP CO	78	78
319TH QM BN HHD	60	56
428TH S AND S CO	119	122
UNITS NOT SHOWN	216	202
Totals	1077	1032
Total Units Not Shown = 4		
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
Wheeled Vehicles	146	94
Trailers	128	81
Totals	274	175
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
		(\$000)
Air Pollution		0
Water Pollution		0
Safety and Occupational Health		0

1. COMPONENT USAR		FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01	
3. INSTALLATION AND LOCATION USAR Center Cleveland, OH			4. PROJECT TITLE Land Acquisition			
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 91110	7. PROJECT NUMBER CAR 02-10830	8. PROJECT COST (\$000) 1,200			
9. COST ESTIMATES						
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)		
<u>PRIMARY FACILITIES:</u>				1081		
Land Acquisition (20 ac)	m2	80,937	13.36	(1081)		
TOTAL CONSTRUCTION COST				1081		
Contingencies (5.0 %)				54		
Supervision and Administration (5.7 %)				65		
TOTAL PROJECT COST				1200		
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
Acquire 80,937 square meters of land for the construction of a new 1100-member United States Army Reserve Center (USARC), an Organizational Maintenance Shop (OMS), an Area Maintenance Support Activity (AMSA), and an unheated storage building for ten Army Reserve units currently occupying three leased and two substandard government-owned facilities.						
11. REQUIREMENT: 80,937 m2 Adequate: 0 m2 Substandard: 0 m2						
PROJECT: Acquire 80,937 square meters (20 acres) of land. (Current Mission)						
REQUIREMENT: This land is required to support a Military Construction Army Reserve project programmed for construction in fiscal year 2003.						
CURRENT SITUATION: Units programmed for this project are currently located in two existing government-owned substandard centers and three leased centers in the Cleveland area. The government-owned centers are located on very small tracts of land with no possibility of expansion, making additions/alterations impossible. Three leases house additional units not able to fit in the government-owned facilities. These three leases cost \$420,000 per year. The leased facilities are poorly located and configured						

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01
3. INSTALLATION AND LOCATION USAR Center Cleveland, OH		
4. PROJECT TITLE Land Acquisition	5. PROJECT NUMBER CAR 02-10830	
<p>11. REQUIREMENT (CONT)</p> <p>for Army Reserve training. Physical security of vehicles and sensitive items is a major problem.</p> <p>IMPACT IF NOT PROVIDED: Failure to fund this land acquisition would delay construction and disposal of the two substandard government-owned and the three leased facilities. With the continued use of leased facilities, the lease costs will escalate, particularly if modifications are accomplished to accommodate the gross training deficiencies of the buildings. The escalating costs of the leases will continue to drain away maintenance and repair funds that might otherwise be available to fix other buildings. Deficiencies in leased and government-owned facilities would not be corrected in Cleveland, in anticipation of this project. If this project is not provided, resources are not available to improve current facilities. Readiness of the soldiers in the Cleveland area will continue to be poor, due to lack of adequate facilities.</p> <p>ADDITIONAL: This land acquisition was coordinated with the 88th Regional Support Command's physical security plans and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis was prepared and utilized in evaluating this project. Alternative methods of meeting this requirement were explored during project development. This project is the most feasible option to meet the requirements. Parametric estimates have not been used to develop project costs.</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installation and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.</p> <p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... <u>N/A</u></p> <p>(b) Percent Complete as of <u>N/A</u></p> <p>(c) Date Design 35% Complete..... <u>N/A</u></p> <p>(d) Date Design Complete..... <u>N/A</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost. <u>No</u></p> <p>(f) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(g) Type of Design Contract..... <u>N/A</u></p> <p>(2) Basis:</p>		

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01																			
3. INSTALLATION AND LOCATION Red River Army Depot, TX				4. AREA CONSTR COST INDEX 0.89																			
5. FREQUENCY AND TYPE UTILIZATION Reservists - 3 weekends/month 1 nights/week Full-Time Personnel - 5 days/week																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USA, Depot, New Boston, TX - 1 miles ARNG, Armory, New Boston, TX - 8 miles USAR, Center, Texarkana, TX - 13 miles																							
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CATEGORY</th> <th></th> <th></th> <th style="text-align: right;">COST</th> <th colspan="2" style="text-align: center;">DESIGN STATUS</th> </tr> <tr> <th style="text-align: left;"><u>CODE</u></th> <th style="text-align: left;"><u>PROJECT TITLE</u></th> <th style="text-align: left;"><u>SCOPE</u></th> <th style="text-align: right;"><u>(\$000)</u></th> <th style="text-align: center;"><u>START</u></th> <th style="text-align: center;"><u>COMPLETE</u></th> </tr> </thead> <tbody> <tr> <td>17140</td> <td>USAR Center/OMS/AMSA/Storage</td> <td>1,127 m2 (12,128 sf)</td> <td style="text-align: right;">1,862</td> <td style="text-align: center;">07/00</td> <td style="text-align: center;">08/02</td> </tr> </tbody> </table>						CATEGORY			COST	DESIGN STATUS		<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>	17140	USAR Center/OMS/AMSA/Storage	1,127 m2 (12,128 sf)	1,862	07/00	08/02
CATEGORY			COST	DESIGN STATUS																			
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>																		
17140	USAR Center/OMS/AMSA/Storage	1,127 m2 (12,128 sf)	1,862	07/00	08/02																		
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>01 Nov 2000</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 None																							

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01
3. INSTALLATION AND LOCATION Red River Army Depot, TX		4. AREA CONSTR COST INDEX 0.89
11. PERSONNEL STRENGTH AS OF: 07 May 2001		
	PERMANENT	GUARD/RESERVE
	TOTAL OFFICER ENLISTED CIVILIAN	TOTAL OFFICER ENLISTED
AUTHORIZE	8 0 6 2	119 11 108
ACTUAL	8 0 6 2	143 4 139
12. RESERVE UNIT DATA ASGD/AUTH 120%		
		STRENGTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
22ND LSO TM 16	5	1
755TH AG CO POSTAL 1 PLT	18	20
755TH AG CO POSTAL 2PLT	18	22
755TH AG CO POSTAL 3PLT	18	18
755TH AG CO POSTAL HQ	5	5
360 CHEM CO (-)	55	77
Totals	119	143
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
Wheeled Vehicles	29	29
Trailers	11	11
Tracked Vehicles	12	12
Totals	52	52
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
		(\$000)
Air Pollution		0
Water Pollution		0
Safety and Occupational Health		0

1. COMPONENT USAR		FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01			
3. INSTALLATION AND LOCATION Red River Army Depot, TX			4. PROJECT TITLE USAR Center/OMS/AMSA/Storage					
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 02-10913		8. PROJECT COST (\$000) 1,862			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>								1176
Maintenance Building (8,640 sf)					m2	803	1156.91	(929)
Unheated Storage (937 sf)					m2	87	758.62	(66)
Training Building Alt (2,551 sf)					m2	237	713.08	(169)
Antiterrorism/Force Protection					LS	-	-	(12)
<u>SUPPORTING FACILITIES:</u>								502
Telecommunications					LS	-	-	(198)
Site Improvement					LS	-	-	(300)
Antiterrorism/Force Protection					LS	-	-	(4)
TOTAL CONSTRUCTION COST								1678
Contingencies (5.0 %)								84
Supervision and Administration (5.7%)								100
TOTAL PROJECT COST								1862
Equipment Funded Other Appropriation							(Non-Add)	(396)
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
<p>Construct an Organizational Maintenance Shop (OMS)/Area Maintenance Support Activity (AMSA) maintenance shop with unheated storage and alter a US Army Reserve Center (USARC) for individual supply on Red River Army Depot. The OMS/AMSA and unheated storage building will be of permanent construction with reinforced concrete foundation, concrete floor slab, structural steel frame, masonry veneer wall, standing seam metal roof, HVAC System, mechanical system, electrical system, and security system (fire alarm connected via radio and security system telephone lines for intrusion alarms). The alteration of the USARC for individual supply will be on an existing pre-engineered metal building consisting of a reinforced concrete foundation, structural steel frames and exterior walls, insulated metal roof, and minimum electrical system. The buildings will be designed for maximum energy efficiency. Supporting facilities include land clearing, paving, fencing, general site improvements, and extension of utilities to serve project. An existing Military Equipment Parking (MEP) will be incorporated into this project. This hardstand was built as an emergency measure as a result of a lease termination. 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: 27 kws.</p>								
11. REQUIREMENT:		1,127 m2	Adequate:	0 m2	Substandard:	1,177 m2		

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01
3. INSTALLATION AND LOCATION Red River Army Depot, TX		
4. PROJECT TITLE USAR Center/OMS/AMSA/Storage		5. PROJECT NUMBER CAR 02-10913
<p>11. REQUIREMENT (CONT)</p> <p>PROJECT: Construct an OMS/AMSA, an unheated storage building, and alteration of a USARC for supply operations on Red River Army Depot. (Current Mission)</p> <p>REQUIREMENT: This project will provide a four bay OMS/AMSA maintenance facility with administrative areas, parts storage, tool storage, break area, weapons vault, locker rooms, and an attached unheated storage area. The unheated storage building will provide the required space to store large items that do not need a climate controlled environment. Associated facilities provided include a wash rack with oil/water separator that meets all environmental requirements. The alteration to an existing building for unit/individual supply operations will provide the needed space for soldiers to store individual and mission equipment required for training and mobilization. The Supply building will include offices for two full-time supply personnel. The project will provide the required maintenance, supply, and storage areas for a chemical smoke company, postal company, and recently activated legal support team.</p> <p>CURRENT SITUATION: AMSA 9 is located in a 1958 two bay maintenance shop in Texarkana, TX without administrative areas or sanitary facilities. The postal company is located in the USARC at the same location and shares the maintenance facility with AMSA 9. The chemical company (smoke generation-mechanized) is on Red River Army Depot with temporary use of a maintenance facility from the post. The existing OMS/AMSA shop is a substandard inadequate facility incapable of supporting additions or modification to satisfy current standards and regulations. The existing foundation will not support the new track M113 Army Personnel Carriers. The facility lacks an overhead crane forcing mechanics to use a fork lift for engine repairs. Upon completion of this project, the postal company, legal detachment, and AMSA 9 will locate to Red River Army Depot. The postal company and legal detachment will share training facilities currently occupied by the chemical company. The facilities in Texarkana will then be excessed.</p> <p>IMPACT IF NOT PROVIDED: The AMSA shop will have inadequate facilities, impacting unit readiness of the supported units and the health and safety of the AMSA personnel. These outdated facilities will continue to place unnecessary stress on already limited Operations and Maintenance, Army Reserve annual operating budgets. Additionally, the facilities now used do not meet the space criteria and specifications as established in AR 140-483, Army Reserve Land and Facilities Management. The facilities at</p>		

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01
3. INSTALLATION AND LOCATION Red River Army Depot, TX		
4. PROJECT TITLE USAR Center/OMS/AMSA/Storage	5. PROJECT NUMBER CAR 02-10913	
<p>11. REQUIREMENT (CONT)</p> <p>Red River Army Depot will not support the unit without the construction of associated maintenance and storage facilities. Continued use of these substandard facilities will negatively impact morale, recruiting, retention, the mission readiness of all assigned units and will not provide physical security as required by Interim Department of Defense Antiterrorism/Force Protection (AT/FP) Construction Standards, with Supplemental Army Guidance. dated 16 December 1999.</p> <p>ADDITIONAL: This project was coordinated with the 90th Regional Support Command physical security plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</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. Mission requirements, operational considerations, and location are incompatible with other components.</p> <p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started.....<u>07/00</u></p> <p>(b) Percent Complete as of January 2001..... <u>35%</u></p> <p>(c) Date Design 35% Complete.....<u>01/01</u></p> <p>(d) Date Design Complete.....<u>05/02</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost. <u>No</u></p> <p>(f) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(g) Type of Design Contract.....<u>Design - Bid - Build</u></p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design..... <u>No</u></p> <p>(b) Where Design Was Most Recently Used... <u>N/A</u></p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>220</u></p> <p>(b) All Other Design Costs..... <u>106</u></p> <p>(c) Total..... <u>326</u></p> <p>(d) Contract..... <u>251</u></p> <p>(e) In-house..... <u>75</u></p>		

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01																												
3. INSTALLATION AND LOCATION Red River Army Depot, TX																														
4. PROJECT TITLE USAR Center/OMS/AMSA/Storage	5. PROJECT NUMBER CAR 02-10913																													
12. SUPPLEMENTAL DATA: (Continued)																														
(4) Construction Award..... <u>08/02</u> (5) Construction Start..... <u>09/02</u> (6) Construction Completion..... <u>11/03</u>																														
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;"><u>Equipment Nomenclature</u></th> <th style="text-align: left;"><u>Procuring Appropriation</u></th> <th style="text-align: left;"><u>Fiscal Year Appropriated Or Requested</u></th> <th style="text-align: right;"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>Office Furniture</td> <td>OMAR</td> <td>2002</td> <td style="text-align: right;">42</td> </tr> <tr> <td>Wire Partitions</td> <td>OMAR</td> <td>2002</td> <td style="text-align: right;">164</td> </tr> <tr> <td>Dehumidifier</td> <td>OMAR</td> <td>2002</td> <td style="text-align: right;">1</td> </tr> <tr> <td>IT Equipment</td> <td>OMAR</td> <td>2002</td> <td style="text-align: right;">109</td> </tr> <tr> <td>Shelving</td> <td>OMAR</td> <td>2002</td> <td style="text-align: right;">80</td> </tr> <tr> <td colspan="3" style="text-align: right;">TOTAL:</td> <td style="text-align: right; border-top: 1px solid black;">396</td> </tr> </tbody> </table>			<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Office Furniture	OMAR	2002	42	Wire Partitions	OMAR	2002	164	Dehumidifier	OMAR	2002	1	IT Equipment	OMAR	2002	109	Shelving	OMAR	2002	80	TOTAL:			396
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>																											
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IT Equipment	OMAR	2002	109																											
Shelving	OMAR	2002	80																											
TOTAL:			396																											
Point of Contact: Mr. Flemming, 703-601-3419																														

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01															
3. INSTALLATION AND LOCATION USAR Center, Fort Lewis, WA				4. AREA CONSTR COST INDEX 1.08															
5. FREQUENCY AND TYPE UTILIZATION Reservists - 1 weekends/month 1 nights/week Full-Time Personnel - 5 days/week																			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USA, Fort Lewis, WA - 2 kilometers ARNG, Armory, Camp Murray - 2 kilometers USAR, Center, Fort Lewis, WA - 2 kilometers USAR, Center, Tacoma, WA - 10 kilometers USNR, Base, Tacoma, WA - 14 kilometers																			
7. PROJECTS REQUESTED IN THIS PROGRAM <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2" style="text-align: left;">CATEGORY CODE</th> <th rowspan="2" style="text-align: left;">PROJECT TITLE</th> <th rowspan="2" style="text-align: left;">SCOPE</th> <th rowspan="2" style="text-align: left;">COST (\$000)</th> <th colspan="2" style="text-align: center;">DESIGN STATUS</th> </tr> <tr> <th style="text-align: center;">START</th> <th style="text-align: center;">COMPLETE</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">17140</td> <td style="text-align: left;">USAR Center/OMS/ASF/STRG</td> <td style="text-align: left;">8,427 m2 (90,704 sf)</td> <td style="text-align: left;">21,978</td> <td style="text-align: center;">10/99</td> <td style="text-align: center;">04/02</td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS		START	COMPLETE	17140	USAR Center/OMS/ASF/STRG	8,427 m2 (90,704 sf)	21,978	10/99	04/02
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS															
				START	COMPLETE														
17140	USAR Center/OMS/ASF/STRG	8,427 m2 (90,704 sf)	21,978	10/99	04/02														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>09 Feb 2001</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.																			
9. LAND ACQUISITION REQUIRED FEE MSTRPLAN				<u>25.00</u> (Number of Acres)															
10. PROJECTS PLANNED IN NEXT FOUR YEARS None																			

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01
3. INSTALLATION AND LOCATION USAR Center, Fort Lewis, WA		4. AREA CONSTR COST INDEX 1.08
11. PERSONNEL STRENGTH AS OF: 07 May 2001		
	PERMANENT	GUARD/RESERVE
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZE	15 2 10 3	211 39 172
ACTUAL	15 2 10 3	186 39 147
12. RESERVE UNIT DATA ASGD/AUTH 88%		
		STRENGTH
UNIT DESIGNATION	AUTHORIZED	ACTUAL
5TH BN 159TH AVN CO A	211	186
Totals	211	186
13. MAJOR EQUIPMENT AND AIRCRAFT		
TYPE	AUTHORIZED	ACTUAL
Wheeled Vehicles	48	48
Trailers	37	37
Aircraft	16	16
Totals	101	101
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES		
		(\$000)
Air Pollution		0
Water Pollution		0
Safety and Occupational Health		0

1. COMPONENT USAR		FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01			
3. INSTALLATION AND LOCATION USAR Center Fort Lewis, WA			4. PROJECT TITLE USAR Center/OMS/ASF/STRG					
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 02-10701		8. PROJECT COST (\$000) 21,978			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>								14508
Training Building (28,025 sf)					m2	2,604	1339.09	(3487)
Aviation Mnt Bldg HB (57,841 sf)					m2	5,374	1909.38	(10261)
Maintenance Building (3,768 sf)					m2	350	1502.86	(526)
Unheated Storage (1,070 sf)					m2	99	909.09	(90)
Antiterrorism/Force Protection					LS	-	-	(144)
<u>SUPPORTING FACILITIES:</u>								5295
Cost Differential for AC Pavemnt					m2	46126	23.24	(1072)
Site Improvement					LS	-	-	(3000)
Telecommunications					LS	-	-	(240)
Aircraft Wash Facility					LS	-	-	(570)
Demolition (21,373 sf)					m2	1986	184.79	(367)
Antiterrorism/Force Protection					LS	-	-	(46)
TOTAL CONSTRUCTION COST								19803
Contingencies (5.0%)								990
Supervision and Administration (5.7%)								1185
TOTAL PROJECT COST								21978
Equipment Funded Other Appropriation							(Non-Add)	(1663)
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
<p>Construct a two-story 200-member U.S. Army Reserve Center (USARC), Aviation Support Facility (ASF), and unheated storage facility at Gray Army Airfield. The buildings will be permanent construction with reinforced concrete foundations and floor slabs, steel frame structure with glass panel exterior walls, and standing seam metal roof. The mechanical and electrical systems will be controlled and monitored via a building automation system. Supporting facilities will include demolition of existing structures on the site, paving, concrete aircraft parking apron, fencing, and site improvements. Force protection (physical security) measures will be incorporated into the design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.</p> <p>Air Conditioning: 211 kw.</p>								
11. REQUIREMENT: 8,427 m2 Adequate: 0 m2 Substandard: 0 m2								
PROJECT: Construct a 200-member USARC, ASF, and unheated storage facility. (Current Mission)								
REQUIREMENT: This facility will provided adequate training facilities for personnel from Company A, 5th Battalion, 159th Aviation Regiment (Heavy Helicopter). The 200-member training facility will provide required administrative areas, classrooms, library, learning center, arms vault, and unit storage functions for one U.S. Army Reserve unit. The								

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01
3. INSTALLATION AND LOCATION USAR Center Fort Lewis, WA		
4. PROJECT TITLE USAR Center/OMS/ASF/STRG	5. PROJECT NUMBER CAR 02-10701	
<p>11. REQUIREMENT (CONT)</p> <p>hangar/maintenance shop will provide space for Aviation Unit Maintenance (AVUM) level maintenance of aircraft by the ASF and unit personnel. The hangar floor area will be equipped with an overhead bridge crane and a fire suppression system. The project will also provide adequate parking space for privately owned vehicles. The concrete aircraft apron will provide parking for 75% of the authorized aircraft.</p> <p>CURRENT SITUATION: The unit and ASF are currently located in inadequate facilities at Gray Army Airfield, located on Fort Lewis, WA. Per agreement with the Fort Lewis Garrison Commander, current facilities were provided as an interim solution that allowed the USAR to terminate a high cost lease and have temporary facilities until new construction is accomplished. The structures currently occupied are not adequate for the needs of the unit or ASF and cannot economically be modified to meet the requirements. The Fort Lewis Garrison Commander has identified an existing site at Gray Army Airfield to support construction of the required USAR training center and aviation facilities.</p> <p>IMPACT IF NOT PROVIDED: The unit will not be able to conduct training properly and be prepared to meet their readiness and mobilization objectives with the continued use of inadequate facilities. The existing facilities cannot be economically modified to accommodate modern day requirements necessary to support CH-47 aircraft. The current facilities were obtained from Fort Lewis with the understanding that they were temporary. Returning to a leased facility would degrade the unit further while incurring a significant annual lease cost. This is a force support package unit and must maintain a high level of personnel and equipment readiness.</p> <p>ADDITIONAL: This project has been coordinated with the installation physical security plan and no force protection/combating terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates were not used to develop project costs.</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army</p>		

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01	
3. INSTALLATION AND LOCATION USAR Center Fort Lewis, WA			
4. PROJECT TITLE USAR Center/OMS/ASF/STRG		5. PROJECT NUMBER CAR 02-10701	
11. REQUIREMENT (CONT) (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with other components.			
12. SUPPLEMENTAL DATA:			
a. Estimated design data:			
(1) Status:			
(a) Date Design Started.....01/00			
(b) Percent Complete as of January 2001..... 35%			
(c) Date Design 35% Complete.....11/00			
(d) Date Design Complete.....07/02			
(e) Parametric Cost Estimating Used to Develop Cost. No			
(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..... 930			
(b) All Other Design Costs..... 390			
(c) Total..... 1320			
(d) Contract..... 1056			
(e) In-house..... 264			
(4) Construction Award.....09/02			
(5) Construction Start.....10/02			
(6) Construction Completion.....04/04			
b. Equipment associated with this project which will be provided from other appropriations:			
Equipment	Procuring	Fiscal Year	Cost
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Or Requested</u>	<u>(\$000)</u>
Dehumidifier	OMAR	2003	1
Furniture	OMAR	2004	350
Metal Lockers	OMAR	2003	182
Shelving	OMAR	2003	230
Wire Partitions	OMAR	2003	490
IT SPT Equipment	OMAR	2003	410
TOTAL:			1663
Point of Contact: LTC McBride, 703-601-3413			

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01															
3. INSTALLATION AND LOCATION USAR Center, Tafuna, AS				4. AREA CONSTR COST INDEX 2.28															
5. FREQUENCY AND TYPE UTILIZATION Reservists - 3 weekends/month 1 nights/week Full-Time Personnel - 5 days/week																			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS USAR, Center, Maui, HI - 4023 kilometers USA, Fort Shafter, HI - 3701 kilometers USAR, Center, Hilo, HI - 4023 kilometers																			
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CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS															
				START	COMPLETE														
17140	USAR Center/OMS/UNH STRG/w/LND	4,980 m2 (53,599 sf)	19,703	11/99	08/01														
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION Facilities identified in Item 6 have been examined by the <u>30 Jan 2001</u> Joint Service Reserve Component Facility Board for possible <u>(Date)</u> joint use/expansion. The board recommends unilateral construction.																			
9. LAND ACQUISITION REQUIRED 55-Year Lease <u>6</u> (Number of Acres) Site survey has been completed and site is suitable for constructing the proposed project at the estimated cost indicated.																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS None																			

1. COMPONENT USAR	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE Jun 01																															
3. INSTALLATION AND LOCATION USAR Center, Tafuna, AS		4. AREA CONSTR COST INDEX 2.28																															
11. PERSONNEL STRENGTH AS OF: 07 May 2001																																	
<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="4" style="text-align: center;">PERMANENT</th> <th colspan="3" style="text-align: center;">GUARD/RESERVE</th> </tr> <tr> <th style="text-align: center;"><u>TOTAL</u></th> <th style="text-align: center;"><u>OFFICER</u></th> <th style="text-align: center;"><u>ENLISTED</u></th> <th style="text-align: center;"><u>CIVILIAN</u></th> <th style="text-align: center;"><u>TOTAL</u></th> <th style="text-align: center;"><u>OFFICER</u></th> <th style="text-align: center;"><u>ENLISTED</u></th> </tr> </thead> <tbody> <tr> <td style="padding-left: 20px;">AUTHORIZE</td> <td style="text-align: center;">21</td> <td style="text-align: center;">5</td> <td style="text-align: center;">16</td> <td style="text-align: center;">0</td> <td style="text-align: center;">375</td> <td style="text-align: center;">17</td> <td style="text-align: center;">358</td> </tr> <tr> <td style="padding-left: 20px;">ACTUAL</td> <td style="text-align: center;">16</td> <td style="text-align: center;">5</td> <td style="text-align: center;">11</td> <td style="text-align: center;">0</td> <td style="text-align: center;">376</td> <td style="text-align: center;">8</td> <td style="text-align: center;">368</td> </tr> </tbody> </table>				PERMANENT				GUARD/RESERVE			<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	AUTHORIZE	21	5	16	0	375	17	358	ACTUAL	16	5	11	0	376	8	368
	PERMANENT				GUARD/RESERVE																												
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>																										
AUTHORIZE	21	5	16	0	375	17	358																										
ACTUAL	16	5	11	0	376	8	368																										
12. RESERVE UNIT DATA																																	
ASGD/AUTH 100%																																	
STRENGTH																																	
UNIT DESIGNATION	AUTHORIZED	ACTUAL																															
793RD ENG DET (UTILITY)	60	98																															
100 BN/442 INF CO B (-)	125	104																															
100 BN/442 INF CO C (-)	125	113																															
8285TH PERS DET TM B	16	25																															
100 BN/442INF HHC DET 2	12	9																															
400TH COMBAT SUP PLT	37	27																															
657TH ASG DET 1	0	0																															
Totals	375	376																															
13. MAJOR EQUIPMENT AND AIRCRAFT																																	
TYPE	AUTHORIZED	ACTUAL																															
Wheeled Vehicles	27	27																															
Trailers	13	13																															
Tracked Vehicles	1	1																															
Totals	41	41																															
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES																																	
(\$000)																																	
Air Pollution	0																																
Water Pollution	0																																
Safety and Occupational Health	0																																

1. COMPONENT USAR		FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01			
3. INSTALLATION AND LOCATION USAR Center Tafuna, AS			4. PROJECT TITLE USAR Center/OMS/UNH STRG/w/LND					
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 17140	7. PROJECT NUMBER CAR 02-03609		8. PROJECT COST (\$000) 19,703			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITIES:</u>								14973
Training Building (39,622 sf)					m2	3,681	2751.15	(10127)
Maintenance Building (11,838 sf)					m2	1,100	2846.36	(3131)
Unheated Storage (2,139 sf)					m2	199	1904.52	(379)
Antiterrorism/Force Protection					LS	-	-	(136)
Land Acquisition (6 ac)					LS	-	-	(1200)
<u>SUPPORTING FACILITIES:</u>								2646
Site Improvement					LS	-	-	(2511)
Telecommunications					LS	-	-	(110)
Antiterrorism/Force Protection					LS	-	-	(25)
TOTAL CONSTRUCTION COST								17619
Contingencies (5.0 %)								881
Supervision and Administration (6.5 %)								1203
TOTAL PROJECT COST								19703
Equipment Funded Other Appropriation							(Non-Add)	(1511)
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
<p>Construct a 400-member U.S. Army Reserve Center (USARC), Organizational Maintenance Shop (OMS), and an unheated storage facility. The land acquisition consists of a 55 year firm-term lease from the airport authority funded in the initial year. The buildings will be permanent construction with reinforced concrete foundations, concrete floor slabs, structural steel frame, masonry veneer exterior walls, standing seam metal roofing, mechanical, and electrical systems. Supporting facilities include land clearing, excavation, paving, fencing, general site improvements, and extension of utilities to serve projects. Project will include sufficient electrical, mechanical and security systems (fire alarm connected via radio and security system telephone lines for intrusion alarms). Force protection (physical security) measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.</p> <p>Air Conditioning: 327 kw</p>								
11. REQUIREMENT: 4,980 m2 Adequate: 0m2 Substandard: 0m2								
PROJECT: Construct a 400-member USARC, OMS, and an unheated storage facility on land acquired by a firm-term 55 year lease funded in the initial year. (Current Mission)								

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01
3. INSTALLATION AND LOCATION USAR Center Tafuna, AS		
4. PROJECT TITLE USAR Center/OMS/UNH STRG/w/LND	5. PROJECT NUMBER CAR 02-03609	
<p>11. REQUIREMENT (CONT)</p> <p>REQUIREMENT: This project will provide training facilities with adequate administrative, training, assembly, supply/storage areas, physical readiness, and maintenance areas to support all assigned units. Adequate and secure spaces must be provided for communications security training and storage. Unit and individual storage areas will provide adequate security and storage for unit and individual equipment and supplies. Physical readiness area and locker room will provide required training and personal hygiene spaces for all soldiers. A new OMS is required to provide space for training to accomplish vehicle maintenance. A military equipment park (MEP) is included in project scope to accommodate the influx of vehicles, equipment and engineer equipment. A privately owned vehicle (POV) parking area is also included in project scope to accommodate the population. Prewired work stations are included in project scope to fulfill current day communications requirements.</p> <p>CURRENT SITUATION: U.S. Army Reserve represents the sole presence of the Department of Defense (DOD) and the United States. The existing single story masonry building was designed and constructed for a single company sized unit and has weathered several annual adverse weather conditions. Upon relocation of the additional units, an overcrowded situation immediately developed for personnel, supply/storage operations and routine training and operations. Current utilization rate is 293 percent for the training building. Units are authorized a 400-member facility and must operate in a 100-member facility. When adverse, annual weather conditions impact the entire island, this facility serves as headquarters for command and control by local authorities as well as functioning as a safe haven for local populace. The facility does not have an OMS to support the vehicle repair platoon and an engineer detachment.</p> <p>IMPACT IF NOT PROVIDED: Overcrowding and lack of adequate facilities will continue to cause significant impact upon operations, training, morale, retention and security. Mission capability will deteriorate and significantly affect the units' mobilization and readiness posture.</p> <p>ADDITIONAL: This project has been coordinated with the Regional Support Command physical security plan and no force protection/combatting terrorism measures other than those required by regulations and design guides for protecting Federal property are included. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the most feasible option to meet the requirement. Parametric estimates were not used to develop project costs.</p> <p>JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army</p>		

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA	2. DATE Jun 01																																
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4. PROJECT TITLE USAR Center/OMS/UNH STRG/w/LND		5. PROJECT NUMBER CAR 02-03609																																
<p>11. REQUIREMENT (CONT) (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations and location are incompatible with use by other components.</p> <p>12. SUPPLEMENTAL DATA:</p> <p>a. Estimated design data:</p> <p>(1) Status:</p> <p>(a) Date Design Started.....<u>11/99</u></p> <p>(b) Percent Complete as of January 2001..... <u>40%</u></p> <p>(c) Date Design 35% Complete.....<u>09/00</u></p> <p>(d) Date Design Complete.....<u>08/01</u></p> <p>(e) Parametric Cost Estimating Used to Develop Cost. <u>No</u></p> <p>(f) An energy study and life cycle cost analysis will be documented during the final design.</p> <p>(g) Type of Design Contract.....<u>Design - Bid - Build</u></p> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design..... <u>No</u></p> <p>(b) Where Design Was Most Recently Used... <u>N/A</u></p> <p>(3) Total Cost (c) = (a) + (b) or (d) + (e) : (\$000)</p> <p>(a) Production of Plans and Specifications..... <u>877</u></p> <p>(b) All Other Design Costs..... <u>230</u></p> <p>(c) Total..... <u>1107</u></p> <p>(d) Contract..... <u>997</u></p> <p>(e) In-house..... <u>110</u></p> <p>(4) Construction Award.....<u>11/01</u></p> <p>(5) Construction Start.....<u>12/01</u></p> <p>(6) Construction Completion.....<u>12/03</u></p> <p>b. Equipment associated with this project which will be provided from other appropriations:</p> <table style="width:100%; margin-left: 40px;"> <thead> <tr> <th style="text-align: left;">Equipment <u>Nomenclature</u></th> <th style="text-align: left;">Procuring <u>Appropriation</u></th> <th style="text-align: left;">Fiscal Year Appropriated <u>Or Requested</u></th> <th style="text-align: left;">Cost <u>(\$000)</u></th> </tr> </thead> <tbody> <tr><td>Metal Lockers</td><td>OMAR</td><td>2003</td><td>153</td></tr> <tr><td>Wire Partitions</td><td>OMAR</td><td>2003</td><td>102</td></tr> <tr><td>Dehumidifier</td><td>OMAR</td><td>2003</td><td>1</td></tr> <tr><td>Physical Fitness</td><td>OMAR</td><td>2003</td><td>31</td></tr> <tr><td>Furniture</td><td>OMAR</td><td>2003</td><td>900</td></tr> <tr><td>Shelving</td><td>OMAR</td><td>2003</td><td>51</td></tr> <tr><td>IT SPT Equipment</td><td>OMAR</td><td>2003</td><td>74</td></tr> </tbody> </table>			Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>	Metal Lockers	OMAR	2003	153	Wire Partitions	OMAR	2003	102	Dehumidifier	OMAR	2003	1	Physical Fitness	OMAR	2003	31	Furniture	OMAR	2003	900	Shelving	OMAR	2003	51	IT SPT Equipment	OMAR	2003	74
Equipment <u>Nomenclature</u>	Procuring <u>Appropriation</u>	Fiscal Year Appropriated <u>Or Requested</u>	Cost <u>(\$000)</u>																															
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1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Jun 01												
3. INSTALLATION AND LOCATION USAR Center Tafuna, AS															
4. PROJECT TITLE USAR Center/OMS/UNH STRG/w/LND			5. PROJECT NUMBER CAR 02-03609												
<p>12. SUPPLEMENTAL DATA: (Continued)</p> <p>b. Equipment associated with this project which will be provided from other appropriations: (Cont'd)</p> <table border="0" data-bbox="292 525 1380 735"> <thead> <tr> <th data-bbox="292 556 560 619"><u>Equipment Nomenclature</u></th> <th data-bbox="617 556 836 619"><u>Procuring Appropriation</u></th> <th data-bbox="860 525 1055 619"><u>Fiscal Year Appropriated Or Requested</u></th> <th data-bbox="1136 556 1274 619"><u>Cost (\$000)</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="292 630 560 661">Kitchen Equipment</td> <td data-bbox="617 630 836 661">OMAR</td> <td data-bbox="860 630 1055 661">2003</td> <td data-bbox="1136 630 1274 661">199</td> </tr> <tr> <td colspan="3" data-bbox="941 714 1055 745">TOTAL:</td> <td data-bbox="1136 714 1274 745">1511</td> </tr> </tbody> </table> <p data-bbox="552 777 1380 808">Point of Contact: LTC McBride, 703-601-3418</p>				<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>	Kitchen Equipment	OMAR	2003	199	TOTAL:			1511
<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>												
Kitchen Equipment	OMAR	2003	199												
TOTAL:			1511												

1. COMPONENT USAR		FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01	
3. INSTALLATION AND LOCATION Worldwide Unspecified			4. PROJECT TITLE Unspecified Minor Construction			
5. PROGRAM ELEMENT 0532292A		6. CATEGORY CODE 171-40	7. PROJECT NUMBER N/A		8. PROJECT COST (\$000) 2,375	
9. COST ESTIMATES						
ITEM				U/M	QUANTITY	COST (\$000)
Unspecified Minor Construction				LS		2,375
10. DESCRIPTION OF PROPOSED CONSTRUCTION <p>Provide a lump sum for unspecified minor construction projects, not otherwise authorized by law, including construction, alteration, or conversion of permanent or temporary facilities. 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 to prevent access when standoff distance cannot be maintained.</p>						
11. REQUIREMENT: This program provides the means of accomplishing minor military construction projects that are not now identified, but which are anticipated to arise during the fiscal year as critical, unforeseen requirements, and which fall within the purview and statutory funding limits of the unspecified minor construction program.						
CURRENT SITUATION: During the fiscal year, the USAR will continue to be affected by changes in force structure and various enhancements to unit and logistical readiness, including distribution of vehicles, equipment, and other mission essential supplies. These changes often generate unforeseen (emergent) requirements for minor military construction projects. These urgent unforeseen projects address high national priorities such as environmental protection, health, safety, and critical mission requirements.						
POC: LTC Anthony Yeldell, 703-601-3420						

1. COMPONENT USAR	FY 2002 MILITARY CONSTRUCTION PROJECT DATA			2. DATE Jun 01	
3. INSTALLATION AND LOCATION Worldwide Unspecified		4. PROJECT TITLE Planning and Design			
5. PROGRAM ELEMENT 0532292A	6. CATEGORY CODE 171-40	7. PROJECT NUMBER N/A	6. PROJECT COST (\$000) 8,024		
9. COST ESTIMATES					
ITEM		U N	QUANTITY	UNIT COST	COST (\$000)
Planning and Design		LS			8,024
10. DESCRIPTION OF PROPOSED CONSTRUCTION Provide funding to prepare engineering plans, designs, drawings and specifications required to execute the USAR military construction program.					
<p>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 initial correction, review, reproduction and advertisement of projects in the FY 01 program; for advancement to final design of projects in FY 02; for initiation of design of projects in FY 03; and for initiation of preconcept design activities for projects in FY 04. The funds request for the annual planning and design requirement includes value engineering, the costs to update standards and criteria, guide specifications, and technical manuals.</p> <p style="text-align: right;">POC: LTC Anthony Yeldell, 703-601-3420</p>					