

**FY 2002  
AMENDED BUDGET SUBMISSION**

# **ARMY NATIONAL GUARD**



## **MILITARY CONSTRUCTION PROGRAM**

# **FY 2002**

**JUSTIFICATION DATA SUBMISSION TO CONGRESS**

**JUNE 2001**

**DEPARTMENT OF THE ARMY**

"This administration has not addressed FY2003-2007 requirements. All FY 2003-2007 budget estimates included in this book are notional only and subject to change."

TABLE OF CONTENTS

MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

	PAGE
Index of Locations	i-v
Appropriation Language	vi
Special Program Considerations	vii-xxi
Project Justification Documents	1-157
Planing & Design	158
Minor Construction	159

DEPARTMENT OF THE ARMY  
MILITARY CONSTRUCTION, ARMY NATIONAL GUARD - FY 2002  
INDEX OF LOCATIONS  
(DOLLARS IN THOUSANDS)

<u>STATE</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH AMOUNT</u>	<u>APPROP AMOUNT</u>	<u>NEW OR CURRENT MISSION</u>	<u>DD FORMS 1391 PAGE</u>
<u>INSIDE THE UNITED STATES</u>					
Alabama	Huntsville Unit Training Equipment Site	7,498	7,498	N	1
	Mobile Readiness Center, Add/Alt	<u>5,333</u>	<u>5,333</u>	C	7
	State Total	12,831	12,831		
Arizona	Marana Army Aviation Support Facility	14,358	14,358	N	12
	State Total	14,358	14,358		
California	Fort Irwin Maneuver Area Training Equip- ment Site (Phase I)	21,953	21,953	C	17
	Lancaster Readiness Center (ADRS)	<u>4,530</u>	<u>4,530</u>	N	26
	State Total	26,483	26,483		
Idaho	Gowen Field Mobilization Readiness Ctr	8,117	8,117	C	31
	State Total	8,117	8,117		
Iowa	Estherville Readiness Center	2,713	2,713	C	36
	State Total	2,713	2,713		

CONTINUATION  
INDEX OF LOCATIONS

<u>STATE</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH AMOUNT</u>	<u>APPROP AMOUNT</u>	<u>NEW OR CURRENT MISSION</u>	<u>DD FORMS 1391 PAGE</u>
Kansas	Fort Riley Organizational Maintenance Shop, ADD/ALT (ADRS)	645	645	N	41
	State Total	645	645		
Louisiana	Carville Readiness Center	5,677	5,677	C	46
	Camp Beauregard Readiness Center	<u>5,392</u>	<u>5,392</u>	C	51
	State Total	11,069	11,069		
Maine	Bangor Army Aviation Support Facility	11,618	11,618	C	56
	State Total	11,618	11,618		
Maryland	Salisbury Org Maintenance Shop	2,314	2,314	C	63
	State Total	2,314	2,314		
Mass	Framingham Org Maintenance Shop	8,347	8,347	C	69
	State Total	8,347	8,347		

CONTINUATION  
INDEX OF LOCATIONS

<u>STATE</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH AMOUNT</u>	<u>APPROP AMOUNT</u>	<u>CURRENT</u>	DD FORMS
					1391 <u>PAGE</u>
Michigan	Lansing Combined Support Maintenance Shop Phase 2	5,809	5,809	C	75
	State Total	5,809	5,809		
	Mississippi	Camp Shelby Military Education Center Phase 2	11,444	11,444	C
	Gulfport Readiness Center	<u>9,145</u>	<u>9,145</u>	C	86
	State Total	20,589	20,589		
Montana	Kalispell Readiness Center ADD/ALT (ADRS)	822	822	N	91
	State Total	822	822		
	New Hampshire	Concord Army Aviation Support Facility	27,185	27,185	C
Readiness Center Add/Alt		<u>1,868</u>	<u>1,868</u>	N	101
State Total		29,053	29,053		

CONTINUATION  
INDEX OF LOCATIONS

<u>STATE</u>	<u>INSTALLATION AND PROJECT</u>	<u>AUTH AMOUNT</u>	<u>APPROP AMOUNT</u>	<u>CURRENT</u>	DD FORMS
					1391 <u>PAGE</u>
New York	Fort Drum Maneuver Area Training And Equipment Site	17,000	17,000	N	106
	State Total	17,000	17,000		
Ohio	Cincinnati Readiness Center	9,780	9,780	C	121
	State Total	9,780	9,780		
South Dakota	Mitchell Combined Support Maintenance Shop	14,228	14,228	C	127
	State Total	14,228	14,228		
Tennessee	Henderson Organizational Maintenance Shop	2,012	2,012	C	133
	Alcoa Readiness Center	<u>8,203</u>	<u>8,203</u>	C	138
	State Total	10,215	10,215		
Texas	Austin Army Aviation Support Facility	25,659	25,659	C	144
	State Total	25,659	25,659		
Wisconsin	Oshkosh Organizational Maintenance Shop	5,274	5,274	C	150
	State Total	5,274	5,274		

TOTAL Major Construction	236,924	236,924
SUPPORT:		
Planning and Design	25,794	25,794
Minor Construction	<u>4,671</u>	<u>4,671</u>
SUBTOTAL Support	30,465	30,465
GRAND TOTAL Authorization/Appropriation	267,389	267,389
TOTAL New Mission		46,721
TOTAL Current Mission		190,203
TOTAL Planning and Design		25,794
TOTAL Minor Construction		4,671
	GRAND TOTAL	267,389



APPROPRIATION LANGUAGE

MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

For construction, acquisition, expansion, rehabilitation, and conversion of facilities for the training and administration of the Army National Guard, as authorized by Chapter 1803 of Title 10, United States Code, as amended, and the Reserve Forces Facilities Act \$281,717,000 (\$267,389,000) to remain available until 30 September 2005 (30 September 2006).

## **SPECIAL PROGRAM CONSIDERATIONS**

**POLLUTION ABATEMENT:** The military construction projects proposed in the program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of the existing pollution programs at installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

**ENERGY CONSERVATION:** Military construction projects specifically for energy conservation at installations have been developed, reviewed, and selected with prioritization by energy savings per investment cost. Projects include improvements to existing facilities and utility 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 acquisition, disposition, 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 impacts, reducing the risk of flooding losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order No. 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.

**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 found suitable.

**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.

**NON-MILCON CONSTRUCTION:** \$347.0 million in the FY02 ARNG Sustainment Restoration Maintenance Program will maintain 36,945,226 SF in 5,779 logistical support buildings. Furthermore, SRM supports 283 training sites, 12,834 training and operations, administrative, and other buildings totaling 36,558,417 SF in the 54 States, Territories and Commonwealths used by the ARNG and other DoD activities. The funding is dedicated to Annual Recurring Maintenance of \$73.7 million and routine or emergency maintenance and repair projects of approximately \$273.3 million.

**LONG-TERM FACILITIES CONTRACTS:** The National Guard does not have any long-term facilities contracts.

**CONSTRUCTION CRITERIA:** Unless otherwise noted, the projects comply with the scope and design criteria prescribed in Part II of Military Handbook 1190, "Facility Planning and Design Guide."

**ECONOMIC ANALYSIS:** Economics are an inherent aspect of project development and design of military construction projects. Projects included in this program represent the most economical use of resources.

**RESERVE MANPOWER POTENTIAL:** The Reserve Manpower potential to meet and maintain authorized strengths of all Reserve units in the areas where units are to be located has been reviewed in accordance with the procedures described in DoD Instruction 1225.8. "It has been determined, in coordination with the other Military Departments having Reserve units in the area, that the number of Reserve Components presently located in the area, and those units having been allocated in the area, and those units having been allocated to this area for future activation, is not and shall not be larger than the number that reasonably may be maintained at the authorized strength."

**CONGRESSIONAL REPORTS:** The following is a synopsis of projects contained in Congressional Reports:

**Senate Military Construction Appropriation Bill, 2001 (S.R. 106-290), dated 11 May 2000.**

(Page 21) **Weapons of Mass Destruction-Civil Support Teams.**—The Committee notes the continued progress by the Department in creating the Weapons of Mass Destruction-Civil Support Teams (WMDCST). However, as the National Guard assumes this new

mission, many of these teams do not have adequate facilities from which to train, to coordinate with other federal and state agencies, and to store decontamination and reconnaissance equipment. Any out-standing requirements in this area must be fully integrated into the overall resourcing strategy for responding to weapons of mass destruction. The Committee has provided the Army National Guard an additional \$25,000,000 specifically for unspecified minor construction funding to directly support WMDCST requirements. The Committee directs the Chief of the National Guard Bureau to report to the congressional defense committees on the distribution of these funds no later than February 15, 2001.

**ARNG Response:** A report of the distribution of Weapons of Mass Destruction funds was provided to Congress in February 2001.

**(Page 22) The Committee fully expects contracts for the following projects to be awarded, as early in fiscal year 2001 as practical:**

**(Page 22) Armed Forces Services Reserve Center, Kalispell, MT.**—Of the \$22,232,000 provided for planning and design within the ``Army National Guard`` account, the Committee directs that not less than \$627,000 be made available for the design of an Armed Forces Reserve Center.

**ARNG Response:** The State has been authorized to proceed with design. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**(Page 22) Army Aviation Support Facility, Santa Fe, NM.**—Of the \$22,232,000 provided for planning and design within the ``Army National Guard`` account, the Committee directs that not less than \$1,440,000 be made available for the design of an Army aviation support facility.

**ARNG Response:** The State is presently revising the programming documents (DD Forms 1390/91). The documents were staffed and the project scope was approved. Design authority will be granted.

**(Page 22) Entry Way/Guard Facility, Fort Harrison, MT.**—Of the \$22,232,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$100,000 be made available for the design of an entry way/guard facility at Fort Harrison, MT.

**ARNG Response:** The State has been authorized to proceed with design. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**(Page 22) Training Site Barracks/Dining/Administration Complex, Camp Rapid, SD.**—Of the \$22,232,000 provided for planning and design within the ‘‘Army National Guard’’ account, the Committee directs that not less than \$980,000 be made available for the design of a training site barracks/dining/administration/parking complex.

**ARNG Response:** The State has been authorized to proceed with design.

**(Page 22) C-12 Hangar, Helena, MT.**—Of the \$12,775,000 provided for unspecified minor construction within the ‘‘Army National Guard’’ account, the Committee directs that not less than \$1,200,000 be made available to construct a C-12 hangar.

**ARNG Response:** The State has been authorized to proceed with design. Once National Guard Bureau has approved the final design, the State will be granted the authority to bid the project.

**(Page 23) Rural Armory Improvement, NV.**— Of the \$12,775,000 provided for unspecified minor construction within the ‘‘Army National Guard’’ account the Committee directs that not less than \$1,490,000 be made available for rural armory improvements in Elko, Ely, Winnemucca, Fallon and Yerington, NV.

**ARNG Response:** The State is presently revising the programming documents (DD Forms 1390/91). The documents were staffed and the project scope was approved. Design authority will be granted.

**(Page 23) Combined Public Safety Training Center, Spokane, WA.**— The Committee notes the meritorious nature of the joint use Army National Guard Public Safety Training Center planned for Spokane, WA. Planning and design funds have previously been made available for this project, and the Committee urges the Army National Guard to advance the project into the President’s fiscal year 2002 budget.

**ARNG Response:** The State has been authorized to proceed with design. There is not sufficient funding within the Defense program to support this worthy project. The Army National Guard

continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**(Page 23) Infrastructure Improvements, Fort Harrison, MT.**—Of the \$12,775,000 provided for unspecified minor construction within the ‘‘Army National Guard’’ account, the Committee directs that not less than \$1,200,000 be made available for infrastructure improvements at Fort Harrison, MT.

**ARNG Response:** The programming documents (DD Forms 1390/91) were approved staffed and the project approved. The project will be funded with Operations and Maintenance funds.

**(Page 23) Army Aviation Support Facility, Camp Robinson, AR.**—The Committee notes the urgent requirement for the replacement of the Army aviation support facility at Camp Robinson, AR. The current facility is wholly inadequate in terms of accommodating both equipment and personnel. The Committee encourages the Army National Guard to advance this project into the President’s fiscal year 2002 budget.

**ARNG Response:** The State has been authorized to proceed with design.

**(Page 23) BOQ/BEQ, Fort Harrison, MT.**—Of the \$12,775,000 provide for unspecified minor construction within the ‘‘Army National Guard’’ account, the Committee directs that not less than \$1,200,000 be made available for construction of a BOQ/BEQ.

**ARNG Response:** The State has been authorized to proceed with design. Once National Guard Bureau has approved the final design, the State will be granted the authority to bid the project.

**(Page 23) Readiness Centers, WV.** Of the \$22,232,000 provided for planning and design within the ‘‘Army National Guard’’ account, the Committee directs that not less than \$2,400,000 be made available for the design of readiness centers in Summersville, Sam Black Church, and Moorefield, WV.

**ARNG Response:** Design authority will be granted for the Summersville Readiness Center. The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau for the Lewisburg Readiness Center. The location was changed by the State from Sam Black Church to Lewisburg. Once the staffing

**(Page 23) Readiness Centers, WV.(cont)** is complete and the project scope approved, design authority will be granted. The State has not provided the programming documents (DD Forms 1390/91) for the Moorefield Readiness Center. Once the programming documents are received they will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support these worthy projects. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**(Page 23) Army Aviation Support Center, Fort Leonardwood, MO.**—Of the \$12,775,000 provided for unspecified minor construction within the ``Army National Guard`` account, the Committee directs that not less than \$1,260,000 be made available for the construction of this facility.

**ARNG Response:** The State has been authorized to proceed with design.

**(Page 23) Armory Addition, Fairfield, IA.**—Of the \$12,775,000 provided for unspecified minor construction within the ``Army National Guard`` account, the Committee directs that not less than \$1,066,000 be made available for the construction of this facility.

**ARNG Response:** This project was bid and awarded in September 2000.

**(Page 23) Aviation Classification and Repair Activity Depot, Fresno, CA.**—Of the \$22,232,000 provided for planning and design within the ``Army National Guard`` account, the Committee directs that not less than \$2,000,000 be made available for the design of this facility.

**ARNG Response:** The programming documents (DD Forms 1390/91) provided by the State are not in the correct format. Once the programming documents are received in the proper format they will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted.

**(Page 23) Armed Forces Reserve Center, Bergstrom AFB, TX.**—Of the \$22,232,000 provided for planning and design within the ``Army National Guard`` account, the Committee directs that not less than \$2,000,000 be made available for the design of an Armed Forces Reserve Center.

**ARNG Response:** The programming documents (DD Forms 1390/91) provided by the State are not in the correct format. Once the programming documents are received in the proper format they will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted.

**(Page 24) Aviation Support Facility, Burlington, IAP, VT.**—Of the \$22,232,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$2,000,000 be made available for the design of this facility.

**ARNG Response:** The State is presently revising the programming documents (DD Forms 1390/91). The documents were staffed and the project scope was approved. Design authority will be granted.

**(Page 24) Scout Armories, AK.**—Of the \$12,775,000 provided for unspecified minor construction within the ``Army National Guard`` account, the Committee directs that not less than \$1,500,000 be made available for the construction of Scout armories in Scammon Bay, Kasigluk and Chevak, Alaska.

**ARNG Response:** The State is presently revising the programming documents (DD Forms 1390/91). The documents were staffed and the project scope was approved. Design authority will be granted.

**(Page 24) Idaho National Guard Facilities.**—The Committee recognizes the growing reliance on the National Guard and Reserve to support ongoing peace keeping operations such as those contingents in Kosovo and Bosnia. The Committee also recognizes that such operations place considerable strain on the National Guard and Reserve. Military Construction plays an important role in improving operational conditions and quality-of-life. The Idaho National Guard faces a significant shortage in readiness space at its facilities at Gowen Field. This shortage could impact readiness and the ability of the Idaho National Guard to effectively and efficiently prepare for deployment. The Mobilization Readiness Center modifications and additions are needed to provide space for Army Guard units currently located in World War II-era buildings or other facilities that are overcrowded and inadequate for that purpose.



The Committee urges the National Guard Bureau to place this project in the FYDP at the earliest practicable date.

**ARNG Response:** This project is included in the FY02 Army National Guard submission.

**House Military Construction Appropriation Bill, 2001 (H.R. 106-614), dated 1 May 2000**

**(Page 5) FINANCIAL MANAGEMENT/ELIMINATION OF CONTINGENCY FOR INDIVIDUAL PROJECTS-** The Committee agrees that the amount requested in prior fiscal years for construction contingencies, 5 percent for new construction and 10 percent for alterations or additions, is excessive. The budget submission has eliminated all contingency funds for all military construction and family housing construction programs in fiscal year 2001 and beyond. The Committee directs the Under Secretary of Defense (Comptroller) to closely monitor the impacts of this reduction to ensure that this action will provide an incentive for the services to improve their cost estimating and monitoring procedures. It is further directed, that no project for which funds were previously appropriated, or for which funds are appropriated in this bill, may be canceled as a result of this reduction.

**ARNG Response:** The Army National Guard has not canceled any projects. Five percent contingencies are included in the FY02 budget submission, and will be included in future years.

**(Page 7) JOINT USE FACILITIES-** The Committee supports joint use of facilities between the various components of the Defense Department. Joint use facilities can optimize military construction and operation and maintenance funds while enhancing joint training and the total force concept. However, only the Reserve Components currently have a formal process for reviewing military construction projects for joint use potential and that process is not rigorously applied. As such, it appears opportunities for the benefits of joint use facilities may be missed. To ensure joint use construction is considered when the Department assesses facilities needs, the Committee directs that any Form 1390/1391 which is presented as justification include a certification by the Secretary concerned that the proposed project has been considered for joint use potential, a recommendation for either joint use or unilateral construction, and the reason(s) for that recommendation if joint use is not recommended. The certification may be delegated not lower than the Assistant Secretary responsible for the project. This review/certification is to be reviewed by the Under Secretary of Defense (Comptroller) during the budget review to ensure impartial review.

**ARNG Response:** The Army National Guard has incorporated additional joint use requirements into the DD Forms 1390/91 in accordance with current Secretary of Defense regulations.

**(Page 20) ANNUAL REPORTING REQUIREMENT – BACKLOG.** The Committee directs the Secretary of the Army and the Director of the Army National Guard to continue to make a joint report annually on the current backlog of facilities requirements of the Army National Guard to be submitted concurrently with the annual budget request.

**ARNG Response:** This report will be submitted to Congress in July 2001.

**(Page 20) ANNUAL REPORTING REQUIREMENT—ARMORY INFRASTRUCTURE.** The Secretary of the Army, the Director of the National Guard Bureau, and the Director of the Army National Guard are directed to continue to report jointly to the Committee by January 1, 2001 on the status of armory infrastructure.

**ARNG Response:** This report was submitted to Congress in January 2001.

**(Page 21) FUTURE YEARS DEFENSE PLAN.** It is the Committee's view that section 123 of Public Law 104-196 constitutes a continuing permanent requirement for the Army National Guard and the Air National Guard to present the Future Years Defense Plan to Congress concurrent with the President's budget submission for each fiscal year. The Committee will expect subsequent submissions of the Future Years Defense Plan to include explanatory notes justifying any modification of prior year plans.

**ARNG Response:** The administration has not addressed Fiscal Year 2003-2007 requirements in this budget submission. Therefore, the Future Years Defense Plan is not included in the President's budget submission for Fiscal Year 2002.

**(PAGE 21) CALIFORNIA-RIDGECREST: READINESS CENTER.** The Army National Guard is directed to complete design of the Readiness Center in Ridgecrest, California and to include the required construction funding in its fiscal year 2002 budget request.

**ARNG Response:** The State has not provided the programming documents (DD Forms 1390/91). When they are received, the forms will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually

presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**(Page 21) CALIFORNIA-CAMP SAN LUIS OBISPO.** The Committee directs the Army National Guard to begin planning and design of the Consolidated Dining Facility and Organizational Maintenance Shop at Camp San Luis Obispo, California, and to include the necessary funding for these facilities in the fiscal year 2002 budget submission.

**ARNG Response:** The State has not provided the programming documents (DD Forms 1390/91). When they are received, the forms will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**(Page 21) CALIFORNIA-WOODLAND: READINESS CENTER.** Within the funds provided for planning and design, the Army National Guard is directed to complete design of the Readiness Center in Woodland, California and include the required construction funding in the fiscal year 2002 budget submission.

**ARNG Response:** The State has not provided the programming documents (DD Forms 1390/91). When they are received, the forms will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**(Page 21) CALIFORNIA-SACRAMENTO READINESS CENTER.** The Army National Guard is directed to accelerate the design of the readiness center in Sacramento, California and to include the required construction funding in its fiscal year 2002 budget request.

**ARNG Response:** The State has not provided the programming documents (DD Forms 1390/91). When they are received, the forms will be staffed within National Guard Bureau. Once the staffing

is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**(Page 21) IOWA-ESTHERVILLE: READINESS CENTER.** The Committee directs the Army National Guard to begin planning and design of the Readiness Center at Estherville, Iowa, and to include the necessary funding for this project in the fiscal year 2002 budget submission.

**ARNG Response:** The project is 35 percent designed and is included in the FY02 program.

**(Page 21) IOWA-FAIRFIELD: READINESS CENTER ADDITION.** Within the additional funds provided for unspecified minor construction, the Army National Guard is directed to provide no less than \$1,066,000 for an addition to the readiness center at Fairfield, Iowa.

**ARNG Response:** This project was bid and awarded in September 2000.

**(Page 21) MICHIGAN-CALUMET: READINESS CENTER ADA IMPROVEMENTS.** The Committee is concerned over the lack of compliance with the Americans with Disabilities Act at the Calumet, Michigan Readiness Center. The existing armory was built in 1918 and does not have ADA accessibility. Therefore, the Army National Guard is directed to begin planning and design of these improvements, and to include the necessary funding for this project in the fiscal year 2002 budget submission.

**ARNG Response:** The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**(Page 22) MICHIGAN-MIDLAND: ORGANIZATIONAL MAINTENANCE SHOP.** The budget proposed the construction of an organizational maintenance shop in Midland, Michigan. Due to an unexpected

unit activation in Augusta, Michigan, the Army National Guard has requested the project be changed to that location. The activation was announced after the budget was submitted. The Committee has recommended the location change. The original project cost of \$3,600,000 remains the same.

**ARNG Response:** The State has been authorized to proceed with design. Once National Guard Bureau has approved the final design, the State will be granted the authority to bid the project.

**(Page 22) MINNESOTA-CAMP RIPLEY: COMBINED SUPPORT MAINTENANCE SHOP (PHASE II).** Authorization in the amount of \$10,368,000 for second phase of the Combined Support Maintenance Shop at Camp Ripley in Minnesota is contained in the National Defense Authorization Act for 2000 (Public Law 106-65).

**ARNG Response:** The Project was awarded in April 2001.

**Military Construction Appropriation Conference Report, 2001**  
**(H.R. 106-710), dated 29 June 2000.**

**(Page 85) Financial Management.**—The conferees agree that the rescission of funds included in the conference agreement are based on large prior year unobligated balances and such factors as savings through favorable bids, reduced overhead costs, downsizing or cancellation due to force structure changes (if any), other administrative cost reduction initiatives, revised economic assumptions, and inflation re-estimates. The conferees direct that no project for which funds were previously appropriated, or for which funds are appropriated in this bill, may be canceled as a result of the reductions included in the conference agreement.

**ARNG Response:** ARNG will not cancel any projects as a result of the reductions.

**(Page 90) California-Bakersfield: Readiness Center.**—Of the additional funding provided for planning and design, the conferees direct that not less than \$500,000 be made available for the design of this facility.

**ARNG Response:** The State has not provided the programming documents (DD Forms 1390/91). When they are received, the forms will be staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority will be granted.

**(Page 90) California-Los Alamitos: Joint Headquarters Building.**—House Report 106-614 included language directing the Army Reserve to accelerate the design of this facility and include the required construction funding in its fiscal year

2002 budget request. The Army National Guard should be the lead proponent for the facility. Therefore, the conferees direct the Army National Guard to accelerate the design of the Joint Headquarters Building in Los Alamitos, California and to include the required construction funding in its fiscal year 2002 budget request.

**ARNG Response:** The State has been authorized to proceed with design. Nonetheless, there is not sufficient funding within the Defense program to support this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**(Page 90) California-National Guard Facilities.**—The Army National Guard requested nine location changes to the budget submission for the state of California. The changes will provide a more centralized vehicle maintenance management system. After design of the budgeted projects began, the Army National Guard realized the existing locations were unsuitable and further facility investment would prove unwise. Accordingly, the conferees recommend the following location changes:

(1) The project titles budgeted for Bakersfield, Escondido, Richmond, San Jose, San Mateo, and Santa Barbara are moved to Camp Parks.

(2) The project titles budgeted for Colton, Fresno, and Los Alamitos are moved to Fresno.

**ARNG Response:** The changes have been completed.

**(Page 91) Iowa-Fairfield: Readiness Center Addition.**—Within the additional funds provided for unspecified minor construction, the conferees direct the Army National Guard to provide not less than \$1,066,000 for an addition to the readiness center at Fairfield, Iowa.

**ARNG Response:** This project was bid and awarded in September 2000.

**(Page 91) Missouri—Fort Leonard Wood: Army Aviation Support Center.**—In the Senate report 106-290, the Army Aviation Support Center at Fort Leonard Wood was incorrectly identified as an unspecified minor construction project. This project should be executed with funds made available for planning and design.

**ARNG Response:** The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau. Once the staffing is complete and the project scope approved, design authority

will be granted. House Report 106-710 clarified that Planning and Design funds should be used.

**(Page 91) Nevada—Carson City: Readiness Center.**—The conferees are concerned that the cost of the Readiness Center in Carson City, Nevada has increased due to changes in criteria directed by the National Guard Bureau. Funding for this project was appropriated in fiscal year 1999. The conferees direct the National Guard Bureau to ensure that adequate additional funding is provided to the Nevada National Guard to complete this project.

**ARNG Response:** The Army National Guard will provide all necessary funds to ensure a complete and useable facility within criteria.

**(Page 91) Oregon—Eugene: Armed Forces Reserve Center Complex.**—The number one priority for the Oregon National Guard is to replace a 66-year-old facility in Eugene which is considered undersized by Naval Reserve/Marine Corps standards. The buildings have deteriorated extensively and are substandard with respect to size and level of serviceability of the building. The consolidation will provide savings of about \$1,400,000 in direct construction costs and will reduce the operations and maintenance burden by at least 20 percent annually. The conferees encourage the National Guard to complete the design and to include this project in its fiscal year 2002 budget request.

**ARNG Response:** The State has been authorized to proceed with design. Nonetheless, there is not sufficient funding within the Defense program to complete this worthy project. The Army National Guard continues to adhere to its rigorous and disciplined approach to rank-ordering projects as annually presented in its Infrastructure Requirements Plan. This process sets priorities to best match scarce resources against the most critical readiness needs of the Army National Guard.

**National Defense Authorization Act for Fiscal Year 2001, (S.R. 106-292), dated May 12, 2000**

**(Page 409) Joint use military construction projects (sec. 2801)**  
The committee recommends a provision that would express the sense of Congress that the Secretary of Defense, when preparing the fiscal year defense budget request, should identify military construction projects suitable for joint use, specify in the budget request joint use military construction projects, and give priority to joint use military construction projects. The provision would also direct the Secretary to include in the budget request a certification by each secretary concerned that

the service screened each construction project in the budget request for the feasibility for joint use. The provision would further require the Secretary of Defense to submit, not later than September 30 of each year, a report that included the number of military construction projects evaluated for joint use construction, when the project could be executed, and a list of the military construction projects determined to be feasible for joint use. The provision would also make certain conforming changes.

**ARNG Response:** The Army National Guard has incorporated additional joint use requirements into the 1390/91 in accordance with current OSD regulations.

**(Page 405) Support for Weapons of Mass Destruction Civil Support Teams-**The committee included \$25.0 million in the authorization of appropriation for the Army National Guard military construction account for the specific purpose of facilitating the activation of the Weapons of Mass Destruction Civil Support Teams. Although these teams are to be assigned to locations that have the facilities to accommodate their needs, the committee understands that the Army National Guard has identified a requirement of approximately \$31.0 million for renovation of the facilities to accommodate these teams. The committee is aware that the military construction program for the reserve components is under funded and that this requirement would place an additional burden on an already constrained Army National Guard military construction program. The committee recommends this additional funding be provided on a one time basis and directs the Secretary of the Army to provide a report on the expenditure of these funds not later than October 1, 2001.

**ARNG Response:** A report of the distribution of Weapons of Mass Destruction funds will be provided to Congress prior to 1 October 2001.





1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>															
3. INSTALLATION AND LOCATION <b>HUNTSVILLE, ALABAMA</b>																	
11. PERSONNEL STRENGTH AS OF: 01 DEC 99																	
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;"><u>PERMANENT</u></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;"><u>GUARD/RESERVE</u></td> <td style="width: 15%;"></td> </tr> <tr> <td></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> <td style="text-align: center;"><u>CIVILIAN</u></td> <td style="text-align: center;"><u>TOTAL</u></td> </tr> </table>		<u>PERMANENT</u>			<u>GUARD/RESERVE</u>			<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%; text-align: center;"><u>OFFICER</u></td> <td style="width: 15%; text-align: center;"><u>ENLISTED</u></td> </tr> </table>		<u>OFFICER</u>	<u>ENLISTED</u>
	<u>PERMANENT</u>			<u>GUARD/RESERVE</u>													
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>												
	<u>OFFICER</u>	<u>ENLISTED</u>															
AUTHORIZED	34	0	0	34	519	50	469										
ACTUAL	15	0	0	15	375	40	335										
Percentage =					72.25%												
12. RESERVE UNIT DATA																	
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>			<u>AUTHORIZED</u>	<u>ACTUAL</u>											
HEADQUARTERS AND HEADQUARTERS BATTERY 1/203D AIR DEFENSE ARTILLERY (PATRIOT) UIC : WTVGTO TPSN: 20183 MTOE: 44635LNG01		159	125														
BATTERY A 1/203D BATTALION (ADA) UIC: WTVGAO TPSN: 20183 MTOE: 44635LNG01		85	65														
BATTERY B 1/203D BATTALION (ADA) UIC : WTVGB0 TPSN: 20183 MTOE: 44635LNG01		85	70														
BATTERY C 1/203 BATTALION (ADA) UIC: WTVGC0 TPSN: 20183 MTOE: 44635LNG01		85	43														
SUBTOTAL		414	303														
13. MAJOR EQUIPMENT AND AIRCRAFT																	
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>														
WHEELS, TRAILERS & EQUIP < 30 FEET *		210	168														
TRAILERS >30 FEET & TRACKS		65	52														
HEMMT'S		40	32														
HEMTT PLS & HET		0	0														
FUEL TRUCKS		9	8														
<b>TOTAL</b>		324	260														
* Remaining Vehicles Located at Armories																	
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)																	
A. AIR POLLUTION		NONE															
B. WATER POLLUTION		NONE															
C. OCCUPATIONAL SAFETY AND HEALTH		NONE															

1.COMONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>
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3. INSTALLATION AND LOCATION  
**HUNTSVILLE, ALABAMA**

12. SUPPLEMENTAL DATA:

<u>UNIT DESIGNATION</u>	<u>STRENGTH AUTHORIZED</u>	<u>ACTUAL</u>
2117TH MAINTENANCE COMPANY UIC: WTQBAA TPSN: 31163 MTOE: 43607LNG01	84	56
1117TH ORDNANCE TEAM UIC: WTXHAA TPSN: 33900 MTOE: 09529LNG99	21	16
SUBTOTAL	<u>105</u>	<u>72</u>
TOTAL	<u>519</u>	<u>375</u>

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE <b>Jun 01</b>
3. INSTALLATION AND LOCATION <b>HUNTSVILLE, ALABAMA</b>			4. PROJECT TITLE <b>UNIT TRAINING AND EQUIPMENT SITE</b>	
5. PROGRAM ELEMENT <b>0505896A</b>	6. CATEGORY CODE <b>21407</b>	7. PROJECT NUMBER <b>010166</b>	8. PROJECT COST (\$000) <b>7,498</b>	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>3,118</b>
UTES BUILDING	SM	2,828	\$1,053	(2,978)
	SF	30,439	\$97.84	
CONTROLLED WASTE FACILITY	SM	27	\$556	(15)
	SF	300	\$50.00	
UNHEATED METAL STORAGE BLDG	SM	225	\$556	(125)
	SF	2,500	\$50.00	
<b>SUPPORTING FACILITIES</b>				<b>3,883</b>
SITE PREP, FINE GRADING, SEEDING & PLANTING	LS	-0-	-0-	(712)
RIGID & FLEXIBLE PAVING & LOAD RAMP	LS	-0-	-0-	(1,870)
FENCING, SIDEWALKS, & WASH PLATFORMS	LS	-0-	-0-	(221)
FUEL DISPENSE, 15/10T CRANE/LIFT & WORKBENCHES	LS	-0-	-0-	(470)
EXTERIOR LIGHTING & FIRE PROTECTION & FAC SIGN	LS	-0-	-0-	(110)
UTILITIES, PUMP STA, CONVERTERS & TELECOMM	LS	-0-	-0-	(430)
ANTI-TERRORISM/FORCE PROTECTION (1)	LS	-0-	-0-	(70)
<b>SUBTOTAL</b>				<b>7,001</b>
CONTINGENCY (5%)				350
<b>TOTAL PROJECT COST</b>				<b>7,351</b>
SUPERVISION, INSPECTION & OVERHEAD (2%)				147
<b>TOTAL REQUEST</b>				<b>7,498</b>
EQUIP PROVIDED FROM OTHER APPR (NON-ADD)				(120)
<b>10. DESCRIPTION OF PROPOSED CONSTRUCTION</b>				
<p>A maintenance facility with eleven organizational maintenance workbays, six supporting workbays, four direct support workbays (30 ft. high PATRIOT) one inside wash bay; administrative and personnel work areas. Masonry block with brick veneer, concrete floors, masonry block partitions with a metal standing seam or built-up roofing system. Supporting facilities and items include generator and air conditioning equipment workbays, inside lube and inspection/wash bay, crane and vehicle lifting device, frequency converters (150kw/60/400Hz), military, privately-owned and customer vehicle parking, fencing, wash platforms, fuel storage and dispensing system, load ramp, control waste handling facility, sidewalks and outside security lighting. Other outside support items include unheated metal storage, access roads, site preparation, fine grading and seeding, plating, rigid and flexible paving, telecommunications and utility connections, fire protection, detached facility sign and anti-terrorism/force protection measures.</p> <p>AIR CONDITIONING - 10 Tons</p>				
<b>11. REQUIREMENT:</b> <b>3,080 SM</b> <small>33,239 SF</small> <b>ADEQUATE: N/A</b> <b>SUBSTANDARD: N/A</b>				
<p><b>PROJECT:</b> A new maintenance facility of 33,239 sq. ft. to provide adequate organizational and direct support maintenance for the 1st 203d ADA (PATRIOT) Missile Battalion equipment and vehicles supported by this maintenance shop. Construction is on the Alabama ARNG Training Site located at Redstone Arsenal; Huntsville, AL on 80 acres of property licensed to the state. (<u>New Mission</u>)</p> <p><b>REQUIREMENT:</b> This facility will be utilized to support equipment maintenance for the 1/203d Air Defense Artillery (PATRIOT) Missile Battalion, and supporting units, 2117th Maintenance Company and 1117th Ordnance Team, in both Inactive Duty Training (IDT) and Annual Training (AT). The existing Unit Training Equipment Site, UTES, is a converted OMS located in Athens, AL, originally built in 1975, upgraded in 1986, with only 4,561 SF of functional space. The present shop is not collocated with the equipment, which is located at the AL-ARNG Redstone Arsenal Training Site approximately 30 miles away. The old OMS shop is inadequate to support the quantity and type vehicles currently assigned to the UTES. Workbays do not have the required height or size to support the PATRIOT missile system vehicles. Administration areas, tool rooms, parts supply and storage space are critically deficient.</p>				

1.COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01
3. INSTALLATION AND LOCATION  HUNTSVILLE, ALABAMA		
4. PROJECT TITLE  UNIT TRAINING AND EQUIPMENT SITE	4. PROJECT NUMBER  010166	
<p>11. REQUIREMENTS (continued)</p> <p><b>CURRENT SITUATION:</b> The personnel that will be working in this new facility are currently working in an overcrowded and substandard maintenance shop. The existing shop, built in 1975 and located in Athens, AL, is extremely outdated. The existing facility was an old OMS converted to a UTES during a mission change, thus creating an increase in equipment and maintenance requirements. This mission change created a severe shortage of functional space. Renovating the existing building is not economical due to its condition. The existing facility would require a complete alteration and repair. This would be more costly since all of the offices, tool room, supply, storage space and 20 ft. by 40 ft. workbays are too small and deteriorating. The facility do not support the missile systems which require 32 ft by 32 ft workbays. The PATRIOT Equipment Park at Redstone Arsenal is 30 miles away and maintenance personnel working at the shop have to make daily trips to the Training Site to repair and maintain the equipment, reducing their direct labor productive time by almost two hours per day.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The present facility's deficiencies will continue to negatively impact troop morale and work efficiency. The lack of proper and adequate maintenance, training, storage and administrative areas will continue to impair the attainment of the units' required mobilization readiness levels. Shop personnel will continue making daily trips of 30 miles, one way, to the equipment park and training site.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. Force Protection is incorporated into the entire site, therefore expenditures for this specific project are not required. Project complies with scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 August 1998 and Design Guide 415-1 dated 1 Jan 2000. Similar DoD standards do not address current criteria incorporated in the (project type) design and thus do not yield accurate cost estimates. State historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting requirement have been explored during project development. This project is the only feasible option to meet the requirement.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>AT/FP POC: LTC GIL DUDLEY (334) 271-7207      CFMO: COL JOHN B. LYDA (334) 271-7278</p>		

1. COMPONENT  <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  <b>Jun 01</b>	
3. INSTALLATION AND LOCATION <b>HUNTSVILLE, ALABAMA</b>			
4. PROJECT TITLE  <b>UNIT TRAINING AND EQUIPMENT SITE</b>	5. PROJECT NUMBER  <b>010166</b>		
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED	<u>Nov-98</u>		
(b) PERCENT COMPLETE AS OF 1 JANUARY 2001	<u>100%</u>		
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE	<u>Dec-99</u>		
(d) DATE DESIGN COMPLETE	<u>Jan-01</u>		
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS	<u>NO</u>		
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN	YES _____ NO <u>X</u>		
(b) WHERE DESIGN WAS MOST RECENTLY USED	<u>N/A</u>		
(3) TOTAL COST (c) = (d) + (b):			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS	<u>(\$000)</u>		
(b) <b>ALL OTHER DESIGN COSTS</b>	<u>(420.1)</u>		
(c) TOTAL	<u>(210.0)</u>		
(d) <b>CONTRACT (8% X 7001)</b>	<u>(630.1)</u>		
(e) IN-HOUSE	<u>(630.1)</u>		
(f) IN-HOUSE	<u>(0)</u>		
(4) CONSTRUCTION START			
	<u>Jan-02</u>		
(5) CONSTRUCTION COMPLETION DATE			
	<u>Mar-03</u>		
	<small>(MONTH AND YEAR)</small>		
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:			
<small>EQUIPMENT NOMENCLATURE</small>	<small>PROCURING APPROPRIATION</small>	<small>FISCAL YEAR APPROPRIATED OR REQUESTED</small>	<small>COST (\$000)</small>
J-SIIDS	OMNG	FY 02	10
TELECOM	OMNG	FY 02	25
FURNITURE & PRE-WIRED STATIONS	OMNG	FY 02	85
		TOTAL	<u>120</u>

1. COMPONENT ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01
3. INSTALLATION AND LOCATION MOBILE, ALABAMA			INSNO= 01F10	4. AREA CONSTR COST INDEX 0.84
5. FREQUENCY AND TYPE OF UTILIZATION NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS				
7. PROJECTS REQUESTED IN THIS PROGRAM:				
CATEGORY			COST	DESIGN STATUS
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>
17180	READINESS CENTER, ADD/ALT	6,753 SM 72,692 SF	5,333	Oct 99 Sep 01
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION				
				<u>0</u> (Date)
9. LAND ACQUISITION REQUIRED				
NONE				<u>0</u> (Number of acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY			COST	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	
NONE				
RPM BACKLOG (\$000):		0		
A SITE SURVEY HAS NOT BEEN COMPLETED AND IT IS UNKNOWN AT THIS TIME WHETHER OR NOT THE SITE IS SUITABLE FOR CONSTRUCTION OF HTE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.				





1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Jun 01	REPORT CONTROL SYMBOL	
3. INSTALLATION AND LOCATION MOBILE, ALABAMA		INSNO= 01F10	4. PROJECT TITLE READINESS CENTER, ADD/ALT		
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 010174A	8. PROJECT COST (\$000) \$5,333		
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>					<b>5,317</b>
READINESS CENTER (NEW CONSTRUCTION)		SM	3,206	1,076	(3,451)
		SF	34,512	100	-
READINESS CENTER (ALTERATION)		SM	2,841	538	(1,529)
		SF	30,580	50	-
FLAMMABLE MATS STORAGE (NEW CONST)		SM	23	775	(18)
		SF	250	70	-
FLAMMABLE MATS STORAGE (ALTERATION)		SM	0	0	(0)
		SF	0	30	-
UNHEATED METAL STOR BLDG (NEW CONST)		SM	669	431	(288)
		SF	7,200	40	-
UNHEATED METAL STOR BLDG (ALTERATION)		SM	0	0	(0)
		SF	0	30	-
CONTROLLED WASTE FACILITY (NEW CONSTRUCTION)		SM	14	789	(11)
		SF	150	70	-
CONTROLLED WASTE FACILITY (ALTERATION)		SM	0	0	(0)
		SF	0	30	-
FORCE PROTECTION		LS	-	50,000	(20)
			-		-
<b>SUPPORTING FACILITIES</b>					<b>1,267</b>
SITE PREPARATION		LS	-	50,000	(50)
FINE GRADING & SEEDING		LS	-	25,000	(25)
PLANTING		LS	-	0	(0)
RIGID PAVING		SM	29	14,899	(436)
		SY	35	12,455	-
FLEXIBLE PAVING		SM	13	15,788	(198)
		SY	15	13,184	-
FENCING		M	4	4,687	(20)
		LF	14	1,426	-
SIDEWALKS		SM	0	18,837	(7)
		SF	4	1,800	-
FLAGPOLE		LS	-	0	(0)
EXTERIOR FIRE PROTECTION		LS	-	0	(0)
DETACHED FACILITY SIGN		LS	-	0	(0)
OUTSIDE SECURITY LIGHTING		LS	-	75,000	(75)
			-		-
UTIL'S:WATER/SEWER/GAS/ELEC		LS	-	60,000	(60)
FORCE PROTECTION		LS	-	10,000	(10)
SUBTOTAL					(6,584)
CONTINGENCY (5%)					(329)
TOTAL CONTRACT COST					(6,913)
SUPERVISION, INSPECTION & OVERHEAD (3%)					(198)
TOTAL PROJECT COST					(7,111)
TOTAL STATE CONTRIBUTION					(1,778)
TOTAL FEDERAL CONTRIBUTION					(5,333)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)					(30)
10. DESCRIPTION OF PROPOSED CONSTRUCTION					
<p>A specially designed readiness center of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A one-story structure with mechanical and electrical equipment. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platform, fuel storage &amp; dispensing system, and flagpole. 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. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.</p> <p style="text-align: center;">Air Conditioning - 81.7867 TONS</p>					

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (Continuation)		2. DATE Jun 01	REPORT CONTROL SYMBOL
3. INSTALLATION AND LOCATION MOBILE, ALABAMA		INSNO= 01F10	4. PROJECT TITLE READINESS CENTER, ADD/ALT	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 010174A	8. PROJECT COST (\$000) 5,333	
11. REQUIREMENT: <u>7,200</u> SM <u>77,504</u> SF ADEQUATE: <u>NA</u> SM <u>      </u> SF SUBSTANDARD: <u>3,288</u> SM <u>35,392</u> SF PROJECT: This project provides a readiness center, of permanent type construction, to serve the peace time missions of the assigned unit and space for all personnel to perform the necessary tasks that will improve the units readiness posture. (Current Mission)  REQUIREMENT: This facility is required to house all elements of the HHD 122nd Chemical Brigade. This unit  CURRENT SITUATION: The HHD 122nd Chemical Brigade is located in an inadequate facility. This facility is 22 years old and is in need of modification for the change in mission of the unit.  IMPACT IF NOT PROVIDED: The units' ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the adequate facilities. Delays in the funding of this project will force the continued use of an inadequate and unsound facility and the present facility's deficiencies will continue to negatively impact troop readiness and morale. The lack of proper and adequate training, storage and administrative areas will continue to impair the attainment of required mobilization readiness levels.  ADDITIONAL: This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 01 July 2000 and Design Guide 415-1 dated 1 November 1999. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement.  JT 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.				
AT/FP POC: LTC GIL DUDLEY (334) 271-7207      CFMO: COL JOHN B. LYDA (334) 271-7278				

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (Continuation)	2. DATE Jun 01	REPORT CONTROL SYMBOL
3. INSTALLATION AND LOCATION MOBILE, ALABAMA		4. PROJECT TITLE READINESS CENTER, ADD/ALT	
INSNO = 01F10			
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 010174A	8. PROJECT COST (\$000) 5,333
12. SUPPLEMENTAL DATA			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....			<u>Oct-99</u>
(b) PERCENT COMPLETE AS OF JANUARY ..... 2001 .....			<u>0%</u>
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....			<u>Jan-00</u>
(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE.....			<u>Sep-01</u>
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....			<u>NO</u>
(f) TYPE OF DESIGN CONTRACT.....			<u>Design-Bid-Build</u>
(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			<u>YES</u>
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN		YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
(b) WHERE DESIGN WAS MOST RECENTLY USED		<u>NA</u>	
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e) (\$000)			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....			<u>(579.1)</u>
(b) ALL OTHER DESIGN COSTS.....			<u>(289.6)</u>
(c) TOTAL.....			<u>(868.7)</u>
(d) CONTRACT.....			<u>(868.7)</u>
(e) IN-HOUSE.....			<u>(0.0)</u>
COST OF REPRODUCTION OF PLANS AND SPECS.....			<u>(7.5)</u>
(4) CONSTRUCTION CONTRACT AWARD DATE			<u>08/02</u>
(5) CONSTRUCTION START			<u>11/02</u>
(6) CONSTRUCTION COMPLETION DATE			<u>12/03</u>
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>
KITCHEN EQUIPMENT	OMNG	FY02	20
FURNITURE	OMNG	FY02	10
TOTAL			30

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>			
3. INSTALLATION AND LOCATION <b>WESTERN ARNG AVIATION TRAINING SITE (WAATS), SILVERBELL AHP, MARANA, AZ</b>		4. AREA CONSTR COST INDEX <b>0.98</b>			
5. FREQUENCY AND TYPE OF UTILIZATION <b>FULL -TIME NATIONAL TRAINING FACILITY FIVE (5) DAYS PER WEEK AND SOME WEEKENDS.</b>					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
USAF	DAVIS MOTHAN AFB	35 MILES			
ARNG	SILVERBELL	0 MILES	ARMORY	31,112 SF	1986
ARNG	SILVERBELL	0 MILES	AASF	55,222 SF	1995
ANG	TUCSON AIR NATIONAL GUARD	35 MILES			
ARNG	SILVERLAKE ARMORY	35 MILES	ARMORY	19,815 SF	1954
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>\$(000)</u>	<u>DESIGN STATUS</u> <u>START</u>	<u>COMPLETE</u>
<b>21110</b>	<b>ARMY AVIATION SUPPORT FACILITY</b>	<b>11,192 SM</b> <i>120,469 SF</i>	<b>14,358</b>	<b>Aug-01</b>	<b>Mar-02</b>
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION					
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				<u><b>19 APR 00</b></u> Date	
9. LAND AQUISITION REQUIRED					
<b>NONE</b>				<u><b>0</b></u> <i>(Number of acres)</i>	
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
RPM BACKLOG (\$000): <b>\$0</b>					
<b>"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."</b>					

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE Jun 01		
3. INSTALLATION AND LOCATION  WESTERN ARNG AVIATION TRAINING SITE (WAATS), SILVERBELL AHP, MARANA, AZ							
11. PERSONNEL STRENGTH AS OF: 30 JUN 00							
		<u>PERMANENT</u>			<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	183	52	131	0	183	52	131
ACTUAL	145	41	104	0	145	41	104
					Percentage = 79.23%		
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>				<u>STRENGTH</u>		
				<u>AUTHORIZED</u>			<u>ACTUAL</u>
WESTERN ARNG AVIATION TRAINING SITE				183			145
UIC: 7VOAA      TPSN:      MTOE:							
TOTAL				183			145
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>			<u>AUTHORIZED</u>			<u>ASSIGNED</u>
	WHEELED			6			6
	TRAILERS			2			2
	TRACKED			0			0
	EQUIPMENT > 30-FT			0			0
	FUEL & M977 HEMMT			4			4
	HEMTT PLS/HET			0			0
	UV-18			0			0
	U-21			0			0
	C-12 D/F/R			0			0
	C-12 J			0			0
	C-23			0			0
	C-26			0			0
	OH-58 A/C			16			16
	OH-58 D			32			32
	UH-1			0			0
	AH-1			20			20
	AH-64			16			16
	UH-60			2			2
	CH-47			0			0
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:							
				<u>(\$000)</u>			
	A. AIR POLLUTION			NONE			
	B. WATER POLLUTION			NONE			
	C. OCCUPATIONAL SAFETY AND HEALTH			NONE			

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01
3. INSTALLATION AND LOCATION WAATS SITE, SILVERBELL AHP, MARANA, AZ			4. PROJECT TITLE ARMY AVIATION SUPPORT FACILITY	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY 21110	7. PROJECT NUMBER 040156	8. PROJECT COST (\$000) 14,358	
<b>9. COST ESTIMATES</b>				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>12,218</b>
Hangar, Operations & Maintenance	SM SF	11,158 120,105	1,055 98	(11770)
Ground Support Equipment Storage	SM SF	0 0	0 50	(0)
Flammable Storage Building	SM SF	34 364	538 50	(18)
Controlled Waste Handling Facility	LS	-	-	(40)
Unheated Aircraft Storage Facility	SM SF	0 0	0 50	(0)
Force Protection	LS			240
Energy Management Control System	LS			150
Crash Rescue	SM SF	349 3,754	0 150	(0)
<b>SUPPORTING FACILITIES</b>				<b>1,195</b>
SITE PREPARATION	LS	-	-	(130)
FINE GRADING & SEEDING	LS	-	-	(30)
PLANTING	LS	-	-	(0)
RIGID PAVING	SM SY	10,944 13,089	42 35	(458)
FLEXIBLE PAVING	SM SY	6,859 8,204	30 25	(205)
FENCING	M LF	305 1,000	46 14	(14)
SIDEWALKS	SM SF	167.22 1,800	42 4	(7)
CURBING	M LF	305 1,000	16 5	(5)
FUEL STOR. & DISP. SYSTEM	LS	-	-	(0)
AIRCRAFT WASH FACILITY	LS	-	-	(0)
TIE DOWN UPGRADE	LS	-	-	(120)
AIRFIELD LIGHTING	LS	-	-	(0)
LOADING DOCK	LS	-	-	(10)
EXTERIOR FIRE PREVENTION	LS	-	-	(20)
EXTERIOR SECURITY LIGHTING	LS	-	-	(70)
WATER/SEWER/GAS/ELECTRIC	LS	-	-	(100)
FORCE PROTECTION	LS	-	-	26
<b>SUBTOTAL</b>				<b>13,406</b>
<b>CONTINGENCY (5%)</b>				<u>670</u>
<b>SUBTOTAL</b>				<b>14,077</b>
<b>SUPERVISION, INSPECTION &amp; OVERHEAD (2%)</b>				<u>282</u>
<b>TOTAL PROJECT</b>				<b>14,358</b>
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				367
DESIGN				0
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
A specially designed aviation facility of permanent masonry and steel construction with a standing seam metal roof, concrete floor, mechanical and electrical equipment. Partitions of masonry block. Supporting facilities are rigid and flexible paving for aircraft parking/tie down pads, exterior lighting, fire protection, and fencing. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained.				
AIR CONDITIONING: 121 TONS				

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION WESTERN ARNG AVIATION TRAINING SITE (WAATS), SILVERBELL AHP, MARANA, AZ		
4. PROJECT TITLE ARMY AVIATION SUPPORT FACILITY	5. PROJECT NUMBER 040156	
11. REQUIREMENT: 11222 SM 120,799 SF ADEQUATE: NA SUBSTANDARD: NA		
<p><b>PROJECT:</b> This project is to build an AASF, of permanent type construction, to serve the peace time mission of the Western ARNG Aviation Training Site in Marana, AZ. The space will permit the facility to support AH-64 training missions. (New Mission)</p> <p><b>REQUIREMENT:</b> A 11,222 SM (120,799 SF) AASF and supporting facilities are required to adequately provide the staff the resources and support they need to conduct training for the AH-64 and other assigned aircraft.</p> <p><b>CURRENT SITUATION:</b> Fort Rucker will no longer conduct training on the AH-64A, and this mission will be given to the WAATS facility in Marana, AZ. In addition, training will still be conducted for the OH-58 and AH-1 aircraft. The current hanger is not large enough to support the AH-64, and does not have the necessary infrastructure and equipment to do so (the overhead crane is not large enough, not enough storage or shop space for a new type of aircraft).</p> <p><b>IMPACT IF NOT PROVIDED:</b> Without this project, WAATS will be unable to fulfill its training mission. As a result, there will be a shortage of trained AH-64 pilots and crew to meet the needs of the National Guard. Also, the ARNG units collocated with WAATS will be forced to share their facilities to help support the training mission, seriously hindering maintenance activities for both.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer and no force protection/combatting terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit costs and were adjusted for size, fiscal year and location. An economic analysis has been prepared.</p> <p><b>JOINT USE CERTIFICATION:</b> The Deputy Secretary of the Army (Installations and Housing) certifies that the project has been considered for joint use potential. Mission requirements, operational considerations, and local are incompatible with use by other components.</p>		
AT/FP POC: MAJ Tapia / 602-267-2770		CFMO: LTC Doug Brown / (602) 267-2771

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
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3. INSTALLATION AND LOCATION WESTERN ARNG AVIATION TRAINING SITE (WAATS), SILVERBELL AHP, MARANA, AZ	
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4. PROJECT TITLE ARMY AVIATION SUPPORT FACILITY	5. PROJECT 040156
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12. SUPPLEMENTAL DATA:

a. ESTIMATED DESIGN DATA:

(1) STATUS:

(a) DATE DESIGN STARTED.....	Aug-01
(b) PERCENT COMPLETE AS OF JANUARY 2002 .....	100%
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....	Nov-01
(d) DATE DESIGN COMPLETE.....	Mar-02
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....	NO
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.	

(2) BASIS:

(a) STANDARD OR DEFINITIVE DESIGN - YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	X
(b) WHERE DESIGN WAS MOST RECENTLY USED	<input type="checkbox"/>	NA	<input type="checkbox"/>	

(3) TOTAL COST (c) = (d) + (b):.....

(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....	804.4
(b) ALL OTHER DESIGN COSTS.....	402.2
(c) TOTAL.....	<u>1206.5</u>
(d) CONTRACT.....	<u>1206.5</u>
(e) IN-HOUSE.....	<u>0.0</u>

(4) CONSTRUCTION START..... Jul-02

(5) CONSTRUCTION COMPLETION DATE..... Aug-02

(MONTH AND YEAR)

b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATION OR REQUESTED	COST (\$000)
J-SIIDS	OPA	FY 03	10
TELEPHONE	OMNG	FY 03	9
PREWIRED WORKSTATIONS	OMNG	FY 03	5
PUBLIC ADDRESS SYSTEM	OMNG	FY 03	5
RCAS	OPA	FY 03	330
FURNITURE	OMNG	FY 03	<u>7.5</u>
TOTAL			366.5



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01
3. INSTALLATION AND LOCATION  FORT IRWIN, CALIFORNIA			4. AREA CONSTR COST INDEX  1.26	
5. FREQUENCY AND TYPE OF UTILIZATION NORMAL ADMINISTRATION FIVE DAYS PER WEEK, PLUS EIGHTY-FOUR DAYS PER YEAR IN SUPPORT OF WEEKEND TRAINING AND ANNUAL TRAINING.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS				
ARMY	FT IRWIN	0 MILES	NTC	NA SF 1939
ARNG	BARSTOW	40 MILES	READINESS CENTER	10,664 SF 1958
7. PROJECTS REQUESTED IN THIS PROGRAM				
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>DESIGN STATUS</u> <u>START</u> <u>COMPLETE</u>
21835	MANEUVER AREA TRAINING EQUIPMENT SITE (PHASE I)	5,059 SM <i>54,459 SF</i>	21,953	Dec 98      Mar-02
8. STATE GUARD/RESERVE FORCES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				16 FEB 00 Date
9. LAND ACQUISITION REQUIRED NONE				0 <i>(Number of acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
<u>FY</u>	<u>LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST (\$000)</u>	
2003	Fort Irwin	MATES (Phase II)	\$43,448	
RPM BACKLOG (\$000):		\$11,000		
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."				

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION  FORT IRWIN, CALIFORNIA		
11. PERSONNEL STRENGTH AS OF: 1 JAN 2000		
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	190    39    151    0	7,119    375    6,744
ACTUAL	156    25    131    0	6,502    277    6,225
Percentage = 91.33%		
12. RESERVE UNIT DATA		
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>
		<u>AUTHORIZED</u> <u>ACTUAL</u>
	2d BDE	92                                  95
	UIC:        WTSEAA    TPSN: 4040	
	MTOE: 87042LNG08	
	140TH CHEMICAL CO	167                                100
	UIC:        WVM6AA    TPSN:        4040	
	MTOE:     03157LNG04	
	240TH FORWARD SUPPORT BATTALION	444                                382
	UIC:        WV58AA    TPSN:        4040	
	MTOE: 63005LNG04	_____                          _____
	SUBTOTAL	703                                577
13. MAJOR EQUIPMENT AND AIRCRAFT		
	<u>TYPE</u>	<u>AUTHORIZED</u> <u>ASSIGNED *</u>
		(MAINTENANCE)              (PERMANENT PARKING)
	WHEELED	259                                222
	TRAILERS	112                                51
	TRACKED	960                                893
	EQUIPMENT > 30-FT	153                                134
	FUEL & M977 HEMMT	60                                 20
	HEMTT PLS/HET	0                                 0
	GENERATORS	58                                 35
	TOTAL	_____                          _____ 1,602                                1,355
* Delta non-collated.		
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)		
A. AIR POLLUTION		NONE
B. WATER POLLUTION		NONE
C. OCCUPATIONAL SAFETY AND HEALTH		NONE

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01																					
3. INSTALLATION AND  FORT IRWIN, CALIFORNIA																							
11. PERSONNEL STRENGTH AS 28 NOV 95																							
<table style="width: 100%; border: none;"> <tr> <td colspan="4"></td> <td colspan="3" style="text-align: center;"><u>PERMANENT</u></td> <td colspan="3" style="text-align: center;"><u>GUARD/RESERVE</u></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> <td style="text-align: center;"><u>CIVILIAN</u></td> <td colspan="2"></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> </tr> </table>							<u>PERMANENT</u>			<u>GUARD/RESERVE</u>					<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>			<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
				<u>PERMANENT</u>			<u>GUARD/RESERVE</u>																
		<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>			<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>													
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ACTUAL																							
12. RESERVE UNIT																							
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<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>ACTUAL</u>																		
4/160 IN BN																							
UIC: WPCMT TPSN: 4040																							
MTOE: 07245LNG15																							
2/18AR BN																							
UIC: WPONT TPSN: 4040																							
MTOE: 17375LNG14																							
1/18th Cavalry Squadron																							
UIC: WVKWA TPSN: 4040																							
MTOE: NG0																							
SUBTOTAL																							
<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;"></td> <td style="text-align: center; border-top: 1px solid black;">1,860</td> <td style="text-align: center; border-top: 1px solid black;">1,795</td> </tr> </table>				1,860	1,795																		
	1,860	1,795																					
13. MAJOR EQUIPMENT AND																							
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)																							

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01																														
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	<u>PERMANENT</u>			<u>GUARD/RESERVE</u>																												
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SUBTOTAL	2,052	2,027																														
13. MAJOR EQUIPMENT AND  <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><u>TYPE</u></th> <th style="text-align: center;"><u>AUTHORIZED</u></th> <th style="text-align: center;"><u>ASSIGNED</u></th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>																											
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14. OUTSTANDING POLLUTION AND SAFETY																																

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01															
3. INSTALLATION AND  FORT IRWIN, CALIFORNIA																	
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14. OUTSTANDING POLLUTION AND SAFETY																	

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01	
3. INSTALLATION AND  FORT IRWIN, CALIFORNIA			
11. PERSONNEL STRENGTH 1 JAN 2000			
<u>PERMANENT</u>			
<u>GUARD/RESERVE</u>			
<u>TOTAL</u>		<u>OFFICER</u>	<u>ENLISTED</u>
<u>CIVILIAN</u>			
AUTHORIZED			
ACTUAL			
12. RESERVE UNIT			
<u>STRENGTH</u>			
<u>UNIT DESIGNATION</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>
1/221ST ARMOR BATTALION		574	439
UIC:	WVKWAA	TPSN:	1877
MTOE:	17375LNG35		
SUBTOTAL		574	439
TOTAL		7,119	6,502
13. MAJOR EQUIPMENT AND			
<u>TYPE</u>		<u>AUTHORIZED</u>	<u>ASSIGNED</u>
14. OUTSTANDING POLLUTION AND SAFETY			

**DD** FORM MAY 78 **1390s2**

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>		2. DATE Jun 01
3. INSTALLATION AND LOCATION FORT IRWIN, CALIFORNIA		4. PROJECT TITLE MANEUVER AREA TRAINING EQUIPMENT SITE (PHASE I)	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21835	7. PROJECT 060120	8. PROJECT COST (\$000) 21,953

9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>8,616</b>
MATES BUILDING (#2 & #7)	SM	5,059.2	1538.2	(7,782)
	SF	54,459	142.90	
FLAMMABLE MATs FACILITY	SM	0.0	0.0	(0)
	SF	0	0.00	
CONTROLLED WASTE FACILITY	SM	0.0	0.0	(0)
	SF	0	0.00	
UNHEATED METAL STORAGE BLD	SM	0.0	0.0	(0)
	SF	0	0.00	
FORCE PROTECTION	LS	1	733,500	(734)
ENERGY MANAGEMENT CONTROL SYSTEM	LS	1	100,000	(100)
<b>SUPPORTING FACILITIES</b>				<b>11,683</b>
SITE PREPARATION	LS	1	1,990,000	(1,990)
FINE GRADING & SEEDING	LS	1	19,000	(19)
PLANTING (2% of Basic Building Cost)	LS	1	178,000	(178)
RIGID PAVING	SM	19,313.9	38.3	(739)
	SY	23,100	32	
FLEXIBLE PAVING	SM	29,098.8	16.7	(487)
	SY	34,803	14	
FENCING	M	1219.2	85.3	(104)
	LF	4,000	26	
SIDEWALKS	SM	1003.3	21.5	(22)
	SF	10,800	2	
WASH PLATFORM	SM	480.8	36.0	(17)
	SY	575	30	
FUEL STORAGE & DISPENSING SYSTEM	LS	1	0	(0)
EXTERIOR LIGHTING	LS	1	803,250	(803)
LUBE AND INSPECTION RAMP	LS	1	75,000	(75)
LOAD RAMP	LS	1	75,000	(75)
DETACHED FACILITY SIGN	LS	1	0	(0)
MISCELLANEOUS SITE STRUCTURES	LS	1	214,000	(214)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	1	6,959,450	(6,960)
<b>SUBTOTAL</b>				<b>20,299</b>
CONTINGENCY (5%)				1,015
<b>TOTAL CONTRACT COST</b>				<b>21,314</b>
SUPERVISION, INSPECTION & OVERHEAD (3%)				639
<b>TOTAL REQUEST</b>				<b>21,953</b>
EQUIP PROVIDED FROM OTHER APPR (NON-ADD)				(1,323)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed Maneuver And Training Equipment Site facility of 60 work bays constructed with permanent masonry type construction, with steel roof, concrete floors and energy efficient mechanical and electrical equipment . Supporting facilities include 9000SF weapons cleaning, 40,000SF unit maintenance shade covers, issue, mess shelters, class and conference rooms, overhead lifting devices, controlled waste handling facilities, installed equipment, furnishings, military vehicle parking and access roads and privately owned vehicle parking, security fencing, dark motor pool lighting, vehicle wash system, loading ramp, flammable materials storage building, controlled waste handling facility, and sidewalks. Extension of gas, electric, sewer, water and communication utilities on Fort Irwin to the building site is necessary. Actual foundation design will be determined during design. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting and heat vent air conditioning systems.

AIR CONDITIONING- 120 TONS

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION FORT IRWIN, CALIFORNIA		
4. PROJECT TITLE MANEUVER AREA TRAINING EQUIPMENT SITE (PHASE I)		4. PROJECT NUMBER 060120
<p>11. REQUIREMENT: <u>24,848</u> SM <u>267,468</u> SF ADEQUATE: <u>NA</u> SM <u>        </u> SF SUBSTANDARD: <u>4,650</u> SM <u>50,049</u> SF</p> <p><b>PROJECT:</b> Phase I will construct 54,459 SF of a new 267,468 SF MATES facility with the training site facilities and the infrastructure to support this facility as stated above. Location is on a 225 acre, Federally licensed location on Fort Irwin. (Current Mission)</p> <p><b>REQUIREMENT:</b> A maintenance facility of 267,468 SF is authorized and hereby requested to permit organizational and support level maintenance being performed on vehicles and equipment located at the Fort Irwin MATES. (A 225 acre site has been licensed to the CA ARNG). Phase I will include 54,459 SF of this request.</p> <p><b>CURRENT SITUATION:</b> The existing facility of 50, 049 SF was constructed in 1952 with a small addition in 1968. It was originally built as a small wheeled vehicle shop and is inadequate to service the tracked vehicle fleet that is maintained there. The heating, lighting and ventilation systems are inadequate in both required square footage and actual size of the work bays, storage area, personnel area and administrative area. Due to lack of work bays, upwards of 30 federal technicians are required to work outside without any shelter from the extremely harsh Fort Irwin climate. Those who do work inside are not much better off as the shop buildings are constructed of metal frame with a single layer of corrugated metal and no insulation. In short, these buildings offer little if any protection from the summer heat that ranges from 128 degrees to as high as 155 degrees to the winter cold that can reach as low as 20 degrees. The shop ceiling has at least 40 unlocatable holes which only slows the rain from entering. Since this facility was constructed, the overhead lifting capabilities, critical to this operation, have been inadequate in quantity and lift capability. The lack of a 35 ton crane needed to service the newly acquired M1A1 tanks has compounded this shortcoming. The M1A1 Abrams tanks now maintained at this site only fit in the bay doors with six inches of clearance. Once inside, it creates a crowded, unsafe working condition. This facility does not lend itself to modification for additional space of the upgrades needed.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Unit readiness will continue to degrade and the federal technicians will continue to work in unsafe, unhealthy working conditions, unnecessarily exposing them to costly accidents and higher health risk exposure. These poor conditions adversely affect the morale, productivity and overall effectiveness of this operation. The nature of this operation is dangerous even in the best of conditions, however these cramped conditions create the potential for serious injury and/or the loss of life.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense Anti-Terrorism Force Protection Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 Jan 2000 and Design Guide 415-2 dated 1 Jan 2000. The most similar DoD standards for logistics facility construction do not address all of the current criteria incorporated in the Army National Guard Mobilization and Training Equipment Site (MATES) design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement.</p> <p><b>JOINT USE CERTIFICATION:</b> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components.</p>		
<p>AT/FP POC: COL FRED W. GAGE (916) 854-3677      CFMO: LTC DARRYL J. BALCAO (916) 854-3539</p>		



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01	
3. INSTALLATION AND LOCATION FORT IRWIN, CALIFORNIA			
4. PROJECT TITLE MANEUVER AREA TRAINING EQUIPMENT SITE (PHASE I)	5. PROJECT NUMBER 060120		
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED	<u>Dec 98</u>		
(b) PERCENT COMPLETE AS OF 1 JANUARY 2001	<u>65%</u>		
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE	<u>Jul-00</u>		
(d) DATE DESIGN COMPLETE	<u>Mar-02</u>		
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS	<u>NO</u>		
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES _____	NO	<u>X</u>	
(b) WHERE DESIGN WAS MOST RECENTLY USED		<u>NA</u>	
(3) TOTAL COST (c) = (d) + (b):			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS		<u>(\$000)</u> <u>1217.9</u>	
(b) ALL OTHER DESIGN COSTS		<u>609.0</u>	
(c) TOTAL		<u>1,826.9</u>	
(d) CONTRACT	100%	<u>1826.9</u>	
(e) IN-HOUSE		<u>(0.0)</u>	
(4) CONSTRUCTION START			
		<u>May-02</u>	
(5) CONSTRUCTION COMPLETION			
		<u>Jun-03</u> <i>(month and year)</i>	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
EQUIPMENT <u>NOMENCLATURE</u>	PROCURING <u>APPROPRIATION</u>	FISCAL YEAR <u>APPROPRIATION OR REQUESTED</u>	COST <u>(\$000)</u>
JSIDDS	OPA	FY 03	6
TELECOM	OMNG	FY 03	40
FURNITURE	OMNG	FY 03	6
PT EQUIPMENT	OMNG	FY 03	71
SHOP EQUIPMENT	OMNG	FY 03	1200
		Total	<u>1,323</u>

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE JUN 01			
3. INSTALLATION AND LOCATION  LANCASTER, CALIFORNIA		4. AREA CONSTR COST INDEX  1.18			
5. FREQUENCY AND TYPE OF UTILIZATION NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY UNIT TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS					
ARNG	AZUSA	50 MILES	READINESS CENTER	10,664 SF	1949
ARNG	SAN BERNARDINO	50 MILES	READINESS CENTER	15,166 SF	1950
ARNG	BARSTOW	80 MILES	READINESS CENTER	10,664 SF	1958
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY			COST	DESIGN STATUS	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>
17180	READINESS CENTER	3,465 SM 37,303 SF	4,530	07/01	11/01
8. JOINT SERVICE RESERVE COMPONENT FACILITIES BOARD RECOMMENDATION					
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE JOINT SERVICE RESERVE COMPONENTS FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL					16 FEB 00 Date
9. LAND ACQUISITION REQUIRED					
LAND TO BE ACQUIRED FROM STATE FAIR COMMISSION.					7 <i>(Number of acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
NONE					
RPM BACKLOG (\$000): \$0					
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."					

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE JUN 01
3. INSTALLATION AND LOCATION  LANCASTER, CALIFORNIA		
11. PERSONNEL STRENGTH AS OF: 1 MAR 00		
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	4        0        4        0	205      6        199
ACTUAL	4        0        4        0	205      6        199
	Percentage=	100.00%
12. RESERVE UNIT DATA		
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u> <u>AUTHORIZED</u> <u>ACTUAL</u>
	1114TH TRANSPORTATION MEDIUM TRUCK COMPANY (-) UIC: WPH9AA        TPSN: 35692 MTOE: 55727LNG10	116        116
	DETACHMENT 1, 1498TH TRANSPORTATION COMBAT HEAVY EQUIPMENT TRANSPORT COMPANY UIC: WPTNA1        TPSN: 35549 MTOE: 55739LNG07	89        89
	SUB-TOTAL	205        205
13. MAJOR EQUIPMENT AND AIRCRAFT		
	<u>TYPE</u>	<u>AUTHORIZED</u> <u>ASSIGNED</u>
	WHEELED	61        61
	TRAILERS	3        3
	TRACKED	0        0        *
	EQUIPMENT > 30-FT	35        35
	FUEL & M977 HEMMT	2        2
	HEMTT PLS/HET	32        32
	TOTAL	133      133
* REMAINING VEHICLES ARE LOCATED AT MATES		
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		
		<u>(\$000)</u>
A. AIR POLLUTION		NONE
B. WATER POLLUTION		NONE
C. OCCUPATIONAL SAFETY AND HEALTH		NONE

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE JUN 01
3. INSTALLATION AND LOCATION LANCASTER, CALIFORNIA			4. PROJECT TITLE READINESS CENTER	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 060297A	8. PROJECT COST 4,530	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>3,363</b>
READINESS CENTER	SM	3,438	1,292	(3330)
	SF	37,003	120	-
FLAMMABLE MATs STORAGE	SM	14	377	(4)
	SF	150	35	-
CONTROLLED WASTE FACILITY	SM	14	377	(4)
	SF	150	35	-
FORCE PROTECTION	LS	-	-	(25)
<b>SUPPORTING FACILITIES</b>				<b>1,020</b>
SITE PREPARATION	LS	-	-	(45)
FINE GRADING & SEEDING	LS	-	-	(14)
PLANTING	LS	-	-	(50)
RIGID PAVING	SM	13,001	43	(560)
	SY	15,550	36	-
FLEXIBLE PAVING	SM	5,899	26	(155)
	SY	7,055	22	-
FENCING	M	488	59	(29)
	LF	1,600	18	-
SIDEWALKS	SM	167	59	(10)
	SF	1,800	6	-
FLAGPOLE	LS	-	-	(4)
EXTERIOR FIRE PROTECTION	LS	-	-	(11)
DETACHED FACILITY SIGN	LS	-	-	(2)
OUTSIDE LIGHTING	LS	-	-	(49)
FUEL STORE & DISPENSING SYS	LS	-	-	(0)
WASH PLATFORM	LS	-	-	(49)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	-	-	(42)
FORCE PROTECTION	LS	-	-	(25)
<b>SUBTOTAL</b>				<b>4,408</b>
CONTINGENCY (5%)				220
<b>TOTAL CONTRACT COST</b>				<b>4,628</b>
SUPERVISION, INSPECTION & OVERHEAD (3%)				132
<b>FEDERAL REQUEST</b>				<b>4,530</b>
STATE SHARE				(0)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(200)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>A specially designed readiness center of earthquake resistant permanent masonry type construction, brick and concrete block units with concrete floors, and a standing seam metal roof. A multiple story structure with mechanical and electrical equipment. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platform, fuel storage &amp; dispensing system, and flagpole. 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>				
Air Conditioning - 114 TONS				

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE JUN 01
3. INSTALLATION AND LOCATION LANCASTER, CALIFORNIA		
4. PROJECT TITLE READINESS CENTER	5. PROJECT NUMBER 060297A	
11. REQUIREMENT: <u>3,465</u> SM <u>37,303</u> SF ADEQUATE: <u>0</u> SM <u>0</u> SF SUBSTANDARD: <u>0</u> SM <u>0</u> SF		
<p><b>PROJECT:</b> This project is to provide an 250-person readiness center of permanent type construction to serve the peace time missions of the assigned units. The space will be designed to permit all personnel to perform the necessary tasks that will improve the units readiness posture. (New Mission)</p> <p><b>REQUIREMENT:</b> A 3,465 SM (37,303 SF) readiness center is required to adequately provide the proposed units to be housed in this facility with administrative, supply, classroom, locker, latrine, and kitchen space.</p> <p><b>CURRENT SITUATION:</b> There is no existing armory within approximately 50 miles of the proposed location of this facility. The proposed units for this location are being formed under the Army National Guard Division Redesign Study (ADRS). The location has been selected based upon local community involvement and interest. State demographics revealed there is a significant recruiting opportunity in the local area.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The units scheduled to occupy this facility will not have space in any armories within 50 miles and if this facility is not provided these units will be forced to occupy already overcrowded armories in the Los Angeles Basin.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of Draft National Guard Pamphlet 415-12, 1 January 00, and Design Guide 415-1, 1 Jan 2000. The most similar DoD standards do not address all of the current criteria incorporated in the (project type) design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>		

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>JUN 01</b>	
3. INSTALLATION AND LOCATION <b>LANCASTER, CALIFORNIA</b>			
4. PROJECT TITLE <b>READINESS CENTER</b>	5. PROJECT NUMBER <b>060297A</b>		
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED	<u>07/01</u>		
(b) PERCENT COMPLETE AS OF 1 JANUARY 2001	<u>NA</u>		
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE	<u>09/01</u>		
(d) DATE DESIGN COMPLETE	<u>11/01</u>		
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS	<u>NO</u>		
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES _____	NO <u>X</u>		
(b) WHERE DESIGN WAS MOST RECENTLY USED	<u>NA</u>		
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e):			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS	<u>(\$000)</u>		
(b) ALL OTHER DESIGN COSTS	<u>(0.0)</u>		
(c) TOTAL	<u>407.7</u>		
(d) CONTRACT 9%	<u>(407.7)</u>		
(e) IN-HOUSE	<u>(0.0)</u>		
(4) CONSTRUCTION START			
	<u>01/02</u>		
(5) CONSTRUCTION COMPLETION DATE			
	<u>01/03</u>		
	<i>(month and year)</i>		
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
<u>EQUIPMENT</u>	<u>PROCURING</u>	<u>FISCAL YEAR</u>	<u>COST</u>
<u>NOMENCLATURE</u>	<u>APPROPRIATION</u>	<u>APPROPRIATION</u>	<u>OR REQUESTED</u>
TELECOM	OMNG	FY 02	15
KITCHEN EQUIPMENT	OMNG	FY 02	55
J-SIIDS	OPA	FY 02	30
PHYSICAL FITNESS EQUIP	OMNG	FY 02	10
FURNITURE	OMNG	FY 02	<u>90</u>
		TOTAL	200

1. COMPONENT <b>ARNG</b>	<b>FY2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01															
3. INSTALLATION AND LOCATION <b>GOWEN FIELD, (BOISE, IDAHO)</b>		4. AREA CONSTR COST INDEX  1.01															
5. FREQUENCY AND TYPE OF UTILIZATION <b>NORMAL ADMINISTRATION FIVE(5) DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.</b>																	
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN  <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"><b>ARNG</b></td> <td style="width: 25%;"><b>CALDWELL</b></td> <td style="width: 25%;"><b>28 MILES</b></td> <td style="width: 15%;"><b>ARMORY</b></td> <td style="width: 20%;"><b>10,125 SF</b></td> </tr> <tr> <td><b>ARNG</b></td> <td><b>EMMETT</b></td> <td><b>34 MILES</b></td> <td><b>ARMORY</b></td> <td><b>9,593 SF</b></td> </tr> <tr> <td><b>ARNG</b></td> <td><b>NAMPA</b></td> <td><b>17 MILES</b></td> <td><b>ARMORY</b></td> <td><b>13,240 SF</b></td> </tr> </table>			<b>ARNG</b>	<b>CALDWELL</b>	<b>28 MILES</b>	<b>ARMORY</b>	<b>10,125 SF</b>	<b>ARNG</b>	<b>EMMETT</b>	<b>34 MILES</b>	<b>ARMORY</b>	<b>9,593 SF</b>	<b>ARNG</b>	<b>NAMPA</b>	<b>17 MILES</b>	<b>ARMORY</b>	<b>13,240 SF</b>
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CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>START</u>	<u>DESIGN STATUS</u> <u>COMPLETE</u>												
<b>17180</b>	<b>READINESS CENTER</b>	<b>6,354 SM 70,595 SF</b>	<b>8,117</b>	<b>Aug-90</b>	<b>May-00</b>												
8. JOINT SERVICE RESERVE COMPONENTS FACILITIES BOARD RECOMMENDATION <b>FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE JOINT SERVICES RESERVE COMPONENTS FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.</b> <span style="float: right;"><b>14 APR 98</b> Date</span>																	
9. LAND ACQUISITION REQUIRED <b>NONE</b> <span style="float: right;"><u>0</u> (Number of acres)</span>																	
10. PROJECTS PLANNED IN NEXT FOUR YEARS <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><u>PROJECT</u></th> <th style="text-align: left;"><u>PROJ. NO.</u></th> <th style="text-align: left;"><u>FY</u></th> <th style="text-align: left;"><u>\$000</u></th> </tr> </thead> <tbody> <tr> <td><b>TASS BARRACKS</b></td> <td><b>160093</b></td> <td><b>01</b></td> <td><b>7,200</b></td> </tr> </tbody> </table>  <b>RPM BACKLOG (\$000): \$0</b>  <b>A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED.</b>			<u>PROJECT</u>	<u>PROJ. NO.</u>	<u>FY</u>	<u>\$000</u>	<b>TASS BARRACKS</b>	<b>160093</b>	<b>01</b>	<b>7,200</b>							
<u>PROJECT</u>	<u>PROJ. NO.</u>	<u>FY</u>	<u>\$000</u>														
<b>TASS BARRACKS</b>	<b>160093</b>	<b>01</b>	<b>7,200</b>														

1. COMPONENT ARNG	<b>FY2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE  Jun 01			
3. INSTALLATION AND LOCATION GOWEN FIELD, (BOISE, IDAHO)								
11. PERSONNEL STRENGTH AS OF: <span style="float: right;">6 JAN 99</span>								
		<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	
AUTHORIZED	192	9	70	113	433	105	328	
ACTUAL	192	9	70	113	369	91	278	
				Percentage =	85.22%			
12. RESERVE UNIT DATA								
	<u>UNIT DESIGNATION</u>				<u>STRENGTH</u>			
					<u>AUTHORIZED</u>	<u>ACTUAL</u>		
	CO C 2-116 ARMOR BATTALION UIC: WYP3C0 TPSN: 12116 FAD III				63	61		
	CO D 2-116 ARMOR BATTALION UIC: WYP3D0 TPSN: 12116 FAD III				63	40		
	216 MILITARY INTELLIGENCE COMPANY UIC: WPA1AA TPSN: 12116 FAD III				38	34		
	DET 1, 115 MOBILE PUBLIC AFFAIRS UIC: WQENA1 TSPSN: 34253				10	9		
	HEADQUARTERS, STARC - IDAHO UIC: W8ARAA TPSN: 56751				259	225		
	TOTAL				433	369		
13. MAJOR EQUIPMENT AND AIRCRAFT								
	<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>		
	WHEELED VEHICLES				105	105		
	TRAILERS				17	17		
	TRACKED VEHICLES				34	*/0		
	FUEL VEHICLES				0	0		
	OVERSIZED VEHICLES > 30'				0	0		
	*/ REMAINING VEHICLES ARE LOCATED AT MATES							
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:								
					<u>(\$000)</u>			
	A. AIR POLLUTION				NONE			
	B. WATER POLLUTION				NONE			
	C. OCCUPATIONAL SAFETY AND HEALTH				NONE			



1. COMPONENT ARNG	<b>FY2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun01
3. INSTALLATION AND LOCATION GOWEN FIELD, (BOISE, IDAHO)			4. PROJECT TITLE READINESS CENTER	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 160051	8. PROJECT COST 8,117	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>6,954</b>
PRIMARY FACILITY	SM	6,331	1,056	(6683)
	SF	70,345	95	-
FLAMMABLE MATs STORAGE	SM	9	444	(4)
	SF	100	40	-
CONTROLLED WASTE HAND FAC	SM	14	444	(6)
	SF	150	40	-
FORCE PROTECTION	LS	-	-	(50)
ENERGY MANAGEMENT	LS	-	-	(211)
<b>SUPPORTING FACILITIES</b>		-		<b>552</b>
SITE PREPARATION	LS	-	-	(50)
FINE GRADING & SEEDING	LS	-	-	(25)
PLANTING	LS	-	-	(105)
RIGID PAVING	SM	1,100	42	(46)
	SY	1,309	35	-
FLEXIBLE PAVING	SM	9,855	18	(176)
	SY	11,732	15	-
FENCING	M	54	46	(2)
	LF	178	14	-
SIDEWALKS	M	910	13	(12)
	SF	3,000	4	-
FLAGPOLE	LS	-	-	(4)
EXTERIOR FIRE PROTECTION	LS	-	-	(25)
DETACHED FACILITY SIGN	LS	-	-	(2)
OUTSIDE LIGHTING	LS	-	-	(55)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	-	-	(50)
<b>SUBTOTAL</b>				<b>7,506</b>
CONTINGENCY (5%)				375
<b>TOTAL CONTRACT COST</b>				<b>7,881</b>
SUPERVISION, INSPECTION & OVERHEAD (3%)				236
<b>FEDERAL REQUEST</b>				<b>8,117</b>
STATE SHARE				(0)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(398)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>A specially designed mobilization readiness center of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A two-story structure with mechanical and electrical equipment and prewired work stations. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, and flagpole. 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>				
AIR CONDITIONING		77 TONS		

1. COMPONENT ARNG	<b>FY2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01
3. INSTALLATION AND LOCATION GOWEN FIELD, (BOISE, IDAHO)		
4. PROJECT TITLE READINESS CENTER	5. PROJECT NUMBER 160051	
11. REQUIREMENT:            6,354 <b>SM</b> 70,595 <i>sf</i> ADEQUATE: <b>0</b> SUBSTANDARD: 2,763 <b>SM</b> 30697 <i>sf</i>		
<p><b>PROJECT:</b> This project is to provide a mobilization readiness center of permanent type construction to serve the peace time missions of the assigned units. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. The site of the project is on federally licensed land. (Current Mission)</p> <p><b>REQUIREMENT:</b> A 6,354 SM (70,595 SF) mobilization readiness center is required to adequately provide the units housed in this facility with administrative, supply, classroom, locker, and latrine space.</p> <p><b>CURRENT SITUATION:</b> The individuals, assigned to this facility, drill in numerous buildings of various type scattered about the installation, some of which are World War II era wooden buildings.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The units' ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the proper facilities that they critically need.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 August 1997 and Design Guide 415-1 dated 1 June 1997. The most similar DoD standards do not address all of the current criteria incorporated in the (project type) design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p><b>JT USE CERTIFICATION:</b> 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>		
AT/FP POC: MSG Thomas Blagburn (208) 422-4134		CFMO: LTC James E. Stehr (208) 422-3730

1. COMPONENT <b>ARNG</b>	<b>FY2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  <b>Jun 01</b>	
3. INSTALLATION AND LOCATION <b>GOWEN FIELD, (BOISE, IDAHO)</b>			
4. PROJECT TITLE <b>READINESS CENTER</b>	5. PROJECT NUMBER <b>160051</b>		
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....		<b>Aug-90</b>	
(b) PERCENT COMPLETE AS OF JANUARY 1999.....		<b>70%</b>	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....		<b>Nov-99</b>	
(d) DATE DESIGN COMPLETE.....		<b>May-00</b>	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....		<b>NO</b>	
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES _____		NO <u><b>X</b></u>	
(b) WHERE DESIGN WAS MOST RECENTLY USED	<u><b>NA</b></u>		
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e):			
		(\$000)	
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....		<b>(450)</b>	
(b) ALL OTHER DESIGN COSTS.....		<b>(225)</b>	
(c) TOTAL.....		<b>675.0</b>	
(d) CONTRACT.....		<b>675.0</b>	
(e) IN-HOUSE.....		<b>( 0 )</b>	
(4) CONSTRUCTION START			
		<b>Oct-01</b>	
(5) CONSTRUCTION COMPLETION DATE			
		<u><b>Oct-02</b></u> <small>(MONTH AND YEAR)</small>	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
<u>EQUIPMENT NOMENCLATURE</u>	<u>PROCURING APPROPRIATION</u>	<u>FISCAL YEAR APPROPRIATION OR REQUESTED</u>	<u>COST (\$000)</u>
<b>TELECOM</b>	<b>OMNG</b>	<b>FY 02</b>	<b>20</b>
<b>J-SIIDS</b>	<b>OPA</b>	<b>FY 02</b>	<b>50</b>
<b>FURNITURE</b>	<b>OMNG</b>	<b>FY 02</b>	<b>363</b>
TOTAL			<b>433</b>

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01
3. INSTALLATION AND LOCATION ESTHERVILLE, IOWA		4. AREA CONSTR COST INDEX  1.06
5. FREQUENCY AND TYPE OF UTILIZATION USED 5 DAYS A WEEK FOR UNIT ADMINISTRATION AND 1 WEEKEND A MONTH		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS		
ARNG:	SPENCER      33 MILES      1222 SM/13582 SF	
	ALGONA        52 MILES      1626 SM/18062 SF	
	SHELDON      66 MILES      1320 SM/14672 SF	
7. PROJECTS REQUESTED IN THIS PROGRAM		
CATEGORY		COST
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>
17180	READINESS CENTER	2271 SM 25234 SF
		(\$000)
		2,713
		DESIGN STATUS
		<u>START</u>
		<u>COMPLETE</u>
		May-99      Sep-01
8. JOINT SERVICE RESERVE COMPONENT FACILITIES BOARD RECOMMENDATION		
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE JOINT SERVICE RESERVE COMPONENT FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDS UNILATERAL CONSTRUCTION.		
		<u>11/16/00</u> Date
9. LAND ACQUISITION REQUIRED		
NONE		<u>0</u> (Number of acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
NONE		
RPM BACKLOG (\$000): \$217		
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."		

1. COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01
3. INSTALLATION AND LOCATION ESTHERVILLE, IOWA		
11. PERSONNEL STRENGTH AS OF: (CURRENT DATE)*		
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	2        0        2        0	71        3        68
ACTUAL	2        0        2        0	74        3        71
percentage=104%		
12. RESERVE UNIT DATA		
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>
		<u>AUTHORIZED</u> <u>ACTUAL</u>
	BATTERY C 1-194 FIELD ARTILLERY	71        74
13. MAJOR EQUIPMENT AND AIRCRAFT		
	<u>TYPE</u>	<u>AUTHORIZED</u> <u>ASSIGNED</u>
	WHEELED VEHICLES	16        16
	TRAILERS	6        6
	HOWITZERS	6        6
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		
		<u>(\$000)</u>
A. AIR POLLUTION		NONE
B. WATER POLLUTION		NONE
C. OCCUPATIONAL SAFETY AND HEALTH		NONE

1. COMPONENT ARNG		<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01			
3. INSTALLATION AND LOCATION ESTHERVILLE, IOWA				4. PROJECT TITLE READINESS CENTER				
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 190061		8. PROJECT COST 2,713			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>					SM	<b>2,272</b>		<b>3,246</b>
READINESS CENTER					SF	25,234		
LOCAL ADD/ENHANCED SCOPE					SM	2,249	1,149	(2589)
CONTROLLED WASTE HANDLING FACILITY, FLAMMABLE MATERIALS STORAGE					SF	24,984	105	-
FORCE PROTECTION					SM	498	1,149	(572)
ENERGY MANAGEMENT CONTROL SYSTEM					SF	5,530	105	-
					SM	22	429	(10)
					SF	250	40	-
					LS	-	-	(27)
					LS	-	-	(50)
<b>SUPPORTING FACILITIES</b>						-		<b>937</b>
SITE PREPARATION (NON-ADD)					LS	-	-	(105)
FINE GRADING & SEEDING					LS	-	-	(27)
PLANTING					LS	-	-	(50)
RIGID PAVING					SM	1,763	429	(87)
FLEXIBLE PAVING					SY	2,176	40	-
FENCING					SM	1,610	33	(54)
SIDEWALKS					SY	1,988	27	-
FLAGPOLE					M	156	61	(9)
EXTERIOR FIRE PROTECTION					LF	516	19	-
DETACHED FACILITY SIGN					SM	162	67	(11)
OUTSIDE LIGHTING					SF	1,800	6	-
MOTOR VEHICLE STORAGE BUILDING					LS	-	-	(3)
FUEL STORAGE & DISPENSING SYSTEM					LS	-	-	(12)
WASH PLATFORM					LS	-	-	(2)
UTILITIES: WATER/SEWER/GAS/ELECTRIC					LS	-	-	(38)
FORCE PROTECTION					LS	-	-	(27)
<b>SUBTOTAL</b>								<b>4,183</b>
CONTINGENCY (5%)								209
TOTAL CONTRACT COST								4,392
SUPERVISION, INSPECTION & OVERHEAD (3.0%)								132
<b>TOTAL FEDERAL REQUEST</b>								<b>2,713</b>
STATE SHARE (NON-ADD)								(1192)
LOCAL SHARE (NON-ADD)								(619)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)								(114)
10. DESCRIPTION OF PROPOSED CONSTRUCTION Construction will consist of a specially designed building of permanent masonry concrete block with brick veneer, concrete footings and flooring, a standing seam metal and shingled roof over a metal and treated wood truss system. Supporting facilities include rigid access roads and sidewalks, asphalt parking and compound area, security fencing and lighting, motor vehicle storage building, and a 1200 gallon fuel system. Physical security measures will be incorporated into the design including maximum feasible standoff distance from roads, parking areas and vehicle unloading areas, ramps, landscaping and bollards to prevent access when standoff distance cannot be maintained.								
AIR CONDITIONING: 24 TONS								

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01
3. INSTALLATION AND LOCATION ESTHERVILLE, IOWA		
4. PROJECT TITLE READINESS CENTER		5. PROJECT NUMBER  190061
<p>11. REQUIREMENT: <u>2273 SM</u> <u>25234 SF</u> ADEQUATE: <u>0 SM</u> <u>0 SF</u> SUBSTANDARD: <u>1219 SM</u> <u>13544 SF</u></p> <p><b>PROJECT:</b> This project will provide a new facility for Battery C 1-194 Field Artillery, which supports a current mission of the Iowa Army National Guard. The facility is being built in conjunction with the City of Estherville, who are proposing a community center auditorium and an aquatic center as part of the overall complex. There will be some shared common use spaces, and every means for securing the readiness center from unauthorized public access will be put into the design.</p> <p><b>REQUIREMENT:</b> Per NGB Pam 415-12 draft, this unit requires 2273 SM (25234 SF) of space, which is 86% more space than what is currently in use. The Iowa Army National Guard, with the Iowa Joint Services Reserve Components Facilities Board studied alternatives ranging from converting existing space and modification and upgrade to unilateral construction. No facilities adequate for a readiness center are available for lease in Estherville or the surrounding area. Expanding nearby facilities was ruled out due to the distance involved, since the closest unit is over 30 miles away. Expanding and upgrading the current facility is not possible due to the antiquated design and systems of the current facility, and site restrictions. The Board, upon studying all alternatives, recommended unilateral construction of a new facility. This project will be built on land already owned by the City of Estherville.</p> <p><b>CURRENT SITUATION:</b> The unit is making maximum use of their existing facility, while falling short in many critical areas, such as a decent kitchen, classrooms, unit supply, locker room, and administrative space. The unit is currently able to stage only one class at a time, and the full-time staff does not have the proper room to blend actual work space with document storage. The current facility was erected in 1950 as a maintenance facility and later modified with two flat wings. While adequate in its day, the deterioration of this facility has led to shortfalls in every functional area, as well as inadequate and inefficient heating, lighting, and electrical systems.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The situation as described above often leads unit leaders to spend more time allocating insufficient space than actually providing the training, administration, and strength maintenance needed to keep the unit at its highest possible state of readiness. If required to continue in this facility, activities directly related to maintaining unit readiness will continue to decrease approximately to half of all available training time.</p> <p><b>ADDITIONAL:</b> This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 June 1997 and Design Guide 415-1 dated 1 June 1997. The most similar DoD standards do not address all of the current criteria incorporated in the readiness center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and used in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p><b>ANTI-TERRORISM FORCE PROTECTION:</b> This project has been coordinated with the State anti-terrorism/physical security plan. Risk and threat analyses have been performed in accordance with DA PAM 190-51 and TM 5-853-1, respectively. Only the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>AT/FP POC: SFC Todd Lilienthal (515)252-4649      CFMO:      COL David Rogers (515)252-4316</p>		

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01	
3. INSTALLATION AND LOCATION ESTHERVILLE, IOWA			
4. PROJECT TITLE READINESS CENTER	5. PROJECT NUMBER  190061		
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....	May-99		
(b) PERCENT COMPLETE AS OF JANUARY 2000.....	10%		
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....	Dec-00		
(d) DATE DESIGN COMPLETE.....	Sep-01		
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....	NO		
(f) TYPE OF DESIGN CONTRACT.....	Fixed Fee		
(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.	YES		
(2) BASIS:			
(a) STANDARD <sup>1</sup> OR DEFINITIVE <sup>2</sup> DESIGN - YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
(b) WHERE DESIGN WAS MOST RECENTLY USED <sup>3</sup>	NA		
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e): (\$000)			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS <sup>4</sup> .....	251.0		
(b) ALL OTHER DESIGN COSTS <sup>4</sup> .....	125.5		
(c) TOTAL..... 9%	376.5		
(d) CONTRACT.....	360.7		
(e) IN-HOUSE.....	15.8		
(4) CONSTRUCTION CONTRACT AWARD DATE Mar-02			
(5) CONSTRUCTION START Apr-02			
(6) CONSTRUCTION COMPLETION DATE <u>Sep-03</u> (MONTH AND YEAR)			
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
EQUIPMENT <u>NOMENCLATURE</u>	PROCURING <u>APPROPRIATION</u>	FISCAL YEAR <u>APPROPRIATION OR REQUESTED</u>	COST <u>(\$000)</u>
TELECOM	OMNG	FY 02	10
KITCHEN EQUIPMENT	OMNG	FY 02	55
J-SIIDS	OPA	FY 02	10
PHYSICAL FITNESS EQUIP	OMNG	FY 02	9
FURNITURE	OMNG	FY 02	<u>30</u>
TOTAL			114



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE JUN 01
3. INSTALLATION AND LOCATION  FORT RILEY, KANSAS				4. AREA CONSTR COST INDEX  1.09	
5. FREQUENCY AND TYPE OF UTILIZATION  MOTOR VEHICLE STORAGE FACILITY USED TO STORE EQUIPMENT 7 DAYS A WEEK, WITH A TWO-DAY UNIT TRAINING ASSEMBLY ONCE A MONTH					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
ARNG	FORT RILEY	1 MILES	MATES	115,712 SF	1994
ARNG	MANHATTAN	4 MILES	READINESS CENTER	22,463 SF	1955
USAR	JUNCTION CITY	6 MILES	AFRC	13,733 SF	1958
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY		COST		DESIGN STATUS	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>
85210	ORGANIZATIONAL VEHICLE PARKING, SURFACED	10,602 SM <i>12,680 SY</i>	645	07/01	10/01
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION					
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				17 OCT 00 <hr/> Date	
9. LAND ACQUISITION REQUIRED					
NONE				0 <hr/> (Number of acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
NONE					
RPM BACKLOG (\$000): \$0					
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."					

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE JUN 01
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3. INSTALLATION AND LOCATION  
  
FORT RILEY, KANSAS

11. PERSONNEL STRENGTH AS OF: 13 JUL 00

	<u>PERMANENT</u>			<u>CIVILIAN</u>	<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>		<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	4	0	4	0	117	6	111
ACTUAL	4	0	4	0	117	6	111
Percentage = 100%							

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
74TH QUARTERMASTER SUPPLY COMPANY UIC: WPNPAA      TPSN: 31167 MTOE: 42447LNG03	117	117

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
WHEELED	9	9
TRAILERS	33	33
TRACKED	0	0
EQUIPMENT > 30-FT	98	98
FUEL & M977 HEMMT	15	15
HEMTT PLS/HET	0	0
TOTAL	155	155

14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)

	<u>(\$000)</u>
A. AIR POLLUTION	NONE
B. WATER POLLUTION	NONE
C. OCCUPATIONAL SAFETY AND HEALTH	NONE

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE JUN 01
3. INSTALLATION AND LOCATION FORT RILEY, KANSAS			4. PROJECT TITLE ORG PARK SURFACE	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 85210	7. PROJECT NUMBER 200092A	8. PROJECT COST 645	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>0</b>
OMS ADDITION	SM	0	0	(0)
	SF	0	0	-
OMS ALTERATION	SM	0	0	(0)
	SF	0	0	-
FORCE PROTECTION	LS	-	-	(0)
<b>SUPPORTING FACILITIES</b>				<b>597</b>
SITE PREPARATION	LS	-	-	(39)
FINE GRADING & SEEDING	LS	-	-	(5)
PLANTING	LS	-	-	(2)
RIGID PAVING	SM	10,603	42	(444)
	SY	12,680	35	-
FLEXIBLE PAVING	SM	1,003	36	(36)
	SY	1,200	30	-
FENCING	M	830	62	(52)
	LF	2,723	19	-
CONTAINMENT	SM	0	0	(0)
	SY	0	153	-
FLAGPOLE	LS	-	-	(0)
EXTERIOR FIRE PROTECTION	LS	-	-	(0)
DETACHED FACILITY SIGN	LS	-	-	(0)
OUTSIDE LIGHTING (DELITE)	LS	-	-	(19)
FUEL DISPENSING PAD	SY	-	-	(0)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	-	-	(0)
<b>SUBTOTAL</b>				<b>597</b>
CONTINGENCY (5%)				30
<b>TOTAL CONTRACT COST</b>				<b>627</b>
SUPERVISION, INSPECTION & OVERHEAD (3%)				18
<b>FEDERAL REQUEST</b>				<b>645</b>
STATE SHARE				(0)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Project consists of constructing a rigid paving organizational vehicle parking area at Fort Riley. Construction consists of site preparation, rigid concrete pavement, grading and seeding, outside lighting, and fencing. 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>				
Air Conditioning - 0 TONS				



1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>JUN 01</b>
3. INSTALLATION AND LOCATION <b>FORT RILEY, KANSAS</b>		
4. PROJECT TITLE <b>ORG PARK SURFACE</b>	5. PROJECT NUMBER <b>200092A</b>	
12. SUPPLEMENTAL DATA:		
a. ESTIMATED DESIGN DATA:		
(1) STATUS:		
(a) DATE DESIGN STARTED	<u>07/01</u>	
(b) PERCENT COMPLETE AS OF 1 JANUARY 2001	<u>NA</u>	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE	<u>08/01</u>	
(d) DATE DESIGN COMPLETE	<u>10/01</u>	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS	<u>NO</u>	
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.		
(2) BASIS:		
(a) STANDARD OR DEFINITIVE DESIGN - YES _____	NO <u>X</u>	
(b) WHERE DESIGN WAS MOST RECENTLY USED _____	<u>NA</u>	
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e):		
(a) PRODUCTION OF PLANS AND SPECIFICATIONS	<u>(\$000)</u> <u>( 0 )</u>	
(b) ALL OTHER DESIGN COSTS	<u>( 0 )</u>	
(c) TOTAL	<u>53.7</u>	
(d) CONTRACT	<u>( 53.6 )</u>	
(e) IN-HOUSE	<u>( 0 )</u>	
(4) CONSTRUCTION START		
	<u>11/01</u>	
(5) CONSTRUCTION COMPLETION DATE		
	<u>11/02</u>	
	<small>(MONTH AND YEAR)</small>	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS		
<u>EQUIPMENT</u> NOMENCLATURE	<u>PROCURING</u> APPROPRIATION	<u>FISCAL YEAR</u> APPROPRIATION OR REQUESTED
NONE		<u>COST</u> <u>(\$000)</u>

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE Jun 01
3. INSTALLATION AND LOCATION  CARVILLE (ZACHARY), LOUISIANA				4. AREA CONSTR COST INDEX  0.89	
5. FREQUENCY AND TYPE OF UTILIZATION NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY PER MONTH.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15					
ARNG	BAKER	1 MILE	READINESS CENTER	16,907 SF	1984
ARNG	BATON ROUGE	5 MILES	READINESS CENTER	22,714 SF	1975
USAR	BATON ROUGE	5 MILES	READINESS CENTER	20,542 SF	1978
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY			COST	DESIGN STATUS	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>
17180	READINESS CENTER	5,741 SM 61,799 SF	5,677	Sep-97	Aug-01
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.					
					27 Jan 00 Date
9. LAND ACQUISITION REQUIRED NONE					
					<u>0</u> <i>(Number of acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS NONE  RPM BACKLOG (\$000): \$0  "A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."					

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE Jun 01		
3. INSTALLATION AND LOCATION  CARVILLE (ZACHARY), LOUISIANA							
11. PERSONNEL STRENGTH AS OF: 27-Jan-00							
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	29	4	25	0	249	63	186
ACTUAL	14	1	13	0	228	43	185
	Percentage=				91.57%		
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>				<u>STRENGTH</u>		
					<u>AUTHORIZED</u>	<u>ACTUAL</u>	
	HEADQUARTERS SUPPORT COMPANY 415th MILITARY INTELLIGENCE BATTALION (LINGUIST) UIC: WYT3TO TPSN: 33412				55	75	
	COMPANY A, 415th MILITARY INTELLIGENCE BATTALION (LINGUIST) UIC: WYT3AO TPSN: 33412				72	50	
	COMPANY B, 415th MILITARY INTELLIGENCE BATTALION (LINGUIST) UIC: WYT3BO TPSN: 33412				72	67	
	COMPANY C, 415th MILITARY INTELLIGENCE BATTALION (LINGUIST) UIC: WYT3CO TPSN: 33412				50	36	
	TOTAL				249	228	
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>	
	WHEELED VEHICLES				17	17	
	TRAILERS				7	7	
	TOTAL				24	24	
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES (\$000):							
	A. AIR POLLUTION				NONE		
	B. WATER POLLUTION				NONE		
	C. OCCUPATIONAL SAFETY AND HEALTH				NONE		

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01
3. INSTALLATION AND LOCATION CARVILLE (ZACHARY), LOUISIANA			4. PROJECT TITLE READINESS CENTER	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 220008	8. PROJECT COST 5,677	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>6,293</b>
<b>PRIMARY FACILITY</b>	SM	5,741	1,027	<b>(5894)</b>
	SF	61,799	95	-
FLAMMABLE MATs STORAGE	SM	14	711	(10)
	SF	150	64	-
CONTROLLED WASTE HAND FAC	SM	14	711	(10)
	SF	150	64	-
ENERGY SYSTEM	LS	-	-	(190)
FORCE PROTECTION	LS	-	-	(190)
<b>SUPPORTING FACILITIES</b>				<b>867</b>
SITE PREPARATION	LS	-	-	(50)
FINE GRADING & SEEDING	LS	-	-	(25)
PLANTING	LS	-	-	(131)
RIGID PAVING	SM	2,436	60	(145)
	SY	2,900	50	-
FLEXIBLE PAVING	SM	5,856	30	(174)
	SY	6,972	25	-
FENCING	M	166	49	(8)
	LF	544	15	-
SIDEWALKS	M	546	16	(9)
	SF	1,800	5	-
FLAGPOLE	LS	-	-	(5)
EXTERIOR FIRE PROTECTION	LS	-	-	(25)
DETACHED FACILITY SIGN	LS	-	-	(5)
OUTSIDE LIGHTING	LS	-	-	(75)
FUEL STORE & DISPENSING SYS	LS	-	-	(80)
WASH PLATFORM	LS	-	-	(65)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	-	-	(70)
<b>SUBTOTAL</b>				<b>7,161</b>
CONTINGENCY (5%)				358
<b>TOTAL PROJECT COST</b>				<b>7,519</b>
SUPERVISION, INSPECTION & OVERHEAD (1.37%)				103
<b>TOTAL REQUEST</b>				<b>5,677</b>
STATE SHARE				(1945)
EQUIP PROVIDED FROM OTHER APPR (NON-ADD)				(95)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>A specially designed armory of permanent masonry type construction, brick and concrete block units with concrete floors, and a standing-seam metal roof. A two-story structure with mechanical and electrical equipment. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platform, fuel storage &amp; dispensing system, and flagpole. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained.</p>				
AIR CONDITIONING · 50 TONS				



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION CARVILLE (ZACHARY), LOUISIANA		
4. PROJECT TITLE READINESS CENTER	5. PROJECT NUMBER 220008	
<p>11. REQUIREMENT:      <u>5,741</u> SM    <u>61,799</u> SF    ADEQUATE: <u>NA</u>    SUBSTANDARD: <u>NA</u></p> <p><b>PROJECT:</b> This project provides a 252-person readiness center, of permanent type construction, to serve the peace time missions of the assigned units. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. The site of the project is on state land. (Current Mission)</p> <p><b>REQUIREMENT:</b> A 61,799 SF armory is required to adequately provide the units housed in this facility with administrative, supply, classroom, locker, latrine, and kitchen space.</p> <p><b>CURRENT SITUATION:</b> The 415th Military Intelligence Battalion's units are located in an inadequate, leased facility. The units are housed in a facility consisting of converted warehouse space leased from the Louisiana Department of Transportation and Development. No arms vault is available and unit weapons and sensitive items are currently stored at another LAARNG Readiness Center arms vault. The original lease period has expired and the State has requested the return of the occupied building space. The facility is inadequate to support the housed units due to insufficient administrative, training, kitchen, hygiene and storage areas. With the construction of a new Readiness Center, the current facility will revert to the State.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The unit's ability to meet it's readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the proper facilities that they critically need. The present facility deficiencies will continue to negatively impact unit readiness and morale. Valuable classroom and advanced technological linguistic capabilities will continue to be unavailable for Mission Essential Tasks necessary for maintaining proficiency in languages from countries with high risk conflict potential. The lack of adequate administrative, training and storage areas will continue to impair the unit readiness levels.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense Anti-Terrorism /Force Protection Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 August 1998 and Design Guide 415-1 dated 1 Jan 2000. The most similar DoD standards do not address all of the current criteria incorporated in the standard readiness center design. Historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>AT/FP POC: COL T. RODRIQUE Jr. (504) 278-8383                      CFMO: LTC MONCONDUIT (504)-278-8423</p>		

1. COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01	
3. INSTALLATION AND LOCATION CARVILLE (ZACHARY), LOUISIANA			
4. PROJECT TITLE READINESS CENTER		5. PROJECT NUMBER 220008	
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED	<u>Sep-97</u>		
(b) PERCENT COMPLETE AS OF 1 JANUARY 2001	<u>35%</u>		
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE	<u>Jan-99</u>		
(d) DATE DESIGN COMPLETE	<u>Aug-01</u>		
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS	<u>NO</u>		
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES _____	NO <u>X</u>		
(b) WHERE DESIGN WAS MOST RECENTLY USED _____	<u>NA</u>		
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e): (\$000)			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS	<u>429.7</u>		
(b) ALL OTHER DESIGN COSTS	<u>214.8</u>		
(c) TOTAL	<u>644.5</u>		
(d) CONTRACT	<u>644.5</u>		
(e) IN-HOUSE	<u>( 0 )</u>		
(4) CONSTRUCTION START	<u>Jan-02</u>		
(5) CONSTRUCTION COMPLETION DATE	<u>Sep-03</u> <small>(MONTH AND YEAR)</small>		
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
<u>EQUIPMENT NOMENCLATURE</u>	<u>PROCURING APPROPRIATION</u>	<u>FISCAL YEAR APPROPRIATION OR REQUESTED</u>	<u>COST (\$000)</u>
KITCHEN EQUIPMENT	OMNG	FY 03	75
J-SIIDS	OMNG	FY 03	5
TELCOM	OMNG	FY 03	<u>15</u>
		TOTAL	95

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE Jun 01
3. INSTALLATION AND LOCATION  CAMP BEAUREGARD (PINEVILLE) , LOUISIANA				4. AREA CONSTR COST INDEX  0.89	
5. FREQUENCY AND TYPE OF UTILIZATION NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
ARNG	BALL	5 MILES	NGB TNG ACADEMY	93,000SF	1955
ARNG	ALEXANDRIA	8 MILES	READINESS CENTER	12,217 SF	1954
ARNG	COLFAX	26 MILES	READINESS CENTER	14,382 SF	1984
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY		COST		DESIGN STATUS	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>
17180	READINESS CENTER	4,918 SM 52,943 SF	5,392	May-94	May-01
8. STATE RESERVE FORCES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.					
27 JAN 00					Date
9. LAND ACQUISITION REQUIRED					
NONE				0	
<i>(Number of acres)</i>					
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
NONE					
RPM BACKLOG (\$000): \$93,028					
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."					

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE Jun 01		
3. INSTALLATION AND LOCATION  CAMP BEAUREGARD (PINEVILLE) , LOUISIANA							
11. PERSONNEL STRENGTH AS OF: 1-Aug-00							
		<u>PERMANENT</u>			<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	14	3	11	0	258	33	225
ACTUAL	14	3	11	0	239	30	209
					Percentage= 92.64%		
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>					
		<u>AUTHORIZED</u>	<u>ACTUAL</u>				
	HEADQUARTERS, COMPANY 225TH ENGINEER GROUP (COMBAT) (HEAVY) UIC: WP66AA      TPSN: 31321 MTOE: 05412LNG04	87	93				
	COMPANY A - 527TH ENGINEER COMBAT BATTALION, HEAVY UIC: WTQ3A0      TPSN: 21364 MTOE: 05415LNG96	171	146				
	TOTAL	<u>258</u>	<u>239</u>				
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>				
	WHEELED	66	64				
	TRAILERS	31	31				
	TRACKED	7	7				
	EQUIPMENT > 30-FT	11	11				
	FUEL & M977 HEMMT	3	3				
	HEMTT PLS/HET	0	0				
	TOTAL	<u>118</u>	<u>116</u>				
* Remainder stationed at MATES							
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)							
	A. AIR POLLUTION			NONE			
	B. WATER POLLUTION			NONE			
	C. OCCUPATIONAL SAFETY AND HEALTH			NONE			

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01															
3. INSTALLATION AND LOCATION  CAMP BEAUREGARD (PINEVILLE) , LOUISIANA																	
11. PERSONNEL STRENGTH AS OF: 1-Aug-00 /CONTINUED																	
<table style="width: 100%; border: none;"> <tr> <td></td> <td colspan="3" style="text-align: center;"><u>PERMANENT</u></td> <td colspan="3" style="text-align: center;"><u>GUARD/RESERVE</u></td> </tr> <tr> <td></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> <td style="text-align: center;"><u>CIVILIAN</u></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> </tr> </table>				<u>PERMANENT</u>			<u>GUARD/RESERVE</u>				<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
	<u>PERMANENT</u>			<u>GUARD/RESERVE</u>													
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>										
AUTHORIZED																	
ACTUAL																	
12. RESERVE UNIT DATA																	
<table style="width: 100%; border: none;"> <tr> <td></td> <td style="text-align: center;"><u>UNIT DESIGNATION</u></td> <td style="text-align: center;"><u>AUTHORIZED</u></td> <td style="text-align: center;"><u>STRENGTH</u></td> <td style="text-align: center;"><u>ACTUAL</u></td> </tr> </table>				<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>STRENGTH</u>	<u>ACTUAL</u>										
	<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>STRENGTH</u>	<u>ACTUAL</u>													
Not applicable see page 2			0	0													
			0	0													
			0	0													
SUB-TOTAL			0	0													
* UNITS THAT MUST TRAIN ON THE SAME WEEKEND																	
(CONTINUED)																	
13. MAJOR EQUIPMENT AND AIRCRAFT																	
<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;"><u>TYPE</u></td> <td style="text-align: center;"><u>AUTHORIZED</u></td> <td style="text-align: center;"><u>ASSIGNED</u></td> </tr> </table>			<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>												
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>															
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)																	

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION CAMP BEAUREGARD (PINEVILLE) , LOUISIANA		
4. PROJECT TITLE READINESS CENTER	5. PROJECT NUMBER 220104	
11. REQUIREMENT: <u>4,918 SM</u> <u>52,943 SF</u> ADEQUATE: <u>NA</u> <u>SM 0</u> <u>SF</u> SUBSTANDARD: <u>3,128 SM</u> <u>33669 SF</u>		
<p><b>PROJECT:</b> This project provides a 258-person readiness center, of permanent type construction, to serve the peace time missions of the assigned unit. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. The site of the project is on state land. (Current Mission)</p> <p><b>REQUIREMENT:</b> A 4,918 SM (52,943 SF) Readiness Center is required to adequately provide the units housed in this facility with administrative, supply, classroom, locker, latrine, and kitchen space.</p> <p><b>CURRENT SITUATION:</b> The individuals assigned to this facility drill in overcrowded and substandard facilities. The 225th Engineer Group and the Headquarters Company are located in two separate, inadequate facilities. These facilities were built in 1941 and are not cost effective to rehabilitate. Company A-527th Engineer Battalion is currently in an Readiness Center scheduled to be occupied by a unit of the 773rd. These above listed units will relocate to the new armory.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The units' ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the proper facilities that they critically need. Delays in the funding of this project will force the continued use of an inadequate and unsound facility and the present facility's deficiencies will continue to negatively impact troop readiness and morale. The lack of proper and adequate training, storage and administrative areas will continue to impair the attainment of required mobilization readiness levels.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 July 2000 and Design Guide 415-1 dated 1 Jan 2000. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>		
AT/FP POC: COL T. RODRIQUE Jr. (504) 278-8383      CFMO: LTC MONCONDUIT (504)-278-8423		

1. COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01	
3. INSTALLATION AND LOCATION  CAMP BEAUREGARD (PINEVILLE) , LOUISIANA			
4. PROJECT TITLE  READINESS CENTER		5. PROJECT NUMBER  220104	
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED	<u>May-94</u>		
(b) PERCENT COMPLETE AS OF 1 JANUARY 2001	<u>65%</u>		
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE	<u>Oct-00</u>		
(d) DATE DESIGN COMPLETE	<u>May-01</u>		
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS	<u>NO</u>		
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN -	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
(b) WHERE DESIGN WAS MOST RECENTLY USED	<u>NA</u>		
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e) (\$000)			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS	<u>408.2</u>		
(b) ALL OTHER DESIGN COSTS	<u>204.1</u>		
(c) TOTAL	<u>612.3</u>		
(d) CONTRACT 9.0%	<u>612.3</u>		
(e) IN-HOUSE	<u>( 0 )</u>		
(4) CONSTRUCTION START <u>May-02</u>			
(5) CONSTRUCTION COMPLETION DATE <u>Sep-03</u> <small>(MONTH AND YEAR)</small>			
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
EQUIPMENT <u>NOMENCLATURE</u>	PROCURING <u>APPROPRIATION</u>	FISCAL YEAR APPROPRIATION <u>OR REQUESTED</u>	COST <u>(\$000)</u>
KITCHEN EQUIPMENT	OMNG	FY 03	75
FURNITURE	OMNG	FY 03	115
J-SIIDS	OMNG	FY 03	10
TELECOM	OMNG	FY 03	<u>100</u>
TOTAL			300

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>
3. INSTALLATION AND LOCATION <b>BANGOR INTERNATIONAL AIRPORT, BANGOR, ME</b>		4. AREA CONSTR COST INDEX <b>1.07</b>
5. FREQUENCY AND TYPE OF UTILIZATION <b>NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.</b>		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS		
<b>ARNG</b>	<b>BANGOR AFRC</b>	<b>3 MILES ARMORY 72,400 SF 1992</b>
<b>ARNG</b>	<b>BREWER</b>	<b>5 MILES ARMORY 25,040 SF 1942</b>
7. PROJECTS REQUESTED IN THIS PROGRAM		
CATEGORY <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>
		<u>COST (\$000)</u>
		<u>DESIGN STATUS</u>
		<u>START</u>
		<u>COMPLETE</u>
<b>21110</b>	<b>ARMY AVIATION SUPPORT FACILITY ADD/ALT PHASE I</b>	<b>61,762 SF 11,618 Feb-99 Sep-00</b>
STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION		
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE <u>17 OCT 2000</u> BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION. <span style="float: right;">Date</span>		
9. LAND ACQUISITION REQUIRED		
<b>NONE</b>		<u>0</u> <i>(Number of acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
<u>FY</u>	<u>LOCATION</u>	<u>PROJECT TITLE</u>
		<u>ESTIMATED COST (\$000)</u>
<b>2003</b>	<b>BANGOR, ME</b>	<b>ARMY AVIATION SUPPORT FACILITY PHASE II \$12,911</b>
RPM BACKLOG (\$000): <b>\$0</b>		
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."		



1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>																																							
3. INSTALLATION AND LOCATION  <b>BANGOR INTERNATIONAL AIRPORT, BANGOR, ME</b>																																									
11. PERSONNEL STRENGTH AS OF: 01 JAN 99																																									
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td colspan="3" style="text-align: center;"><u>PERMANENT</u></td> <td colspan="3" style="text-align: center;"><u>GUARD/RESERVE</u></td> </tr> <tr> <td></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> <td style="text-align: center;"><u>CIVILIAN</u></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> </tr> <tr> <td>AUTHORIZED</td> <td style="text-align: center;"><b>78</b></td> <td style="text-align: center;">17</td> <td style="text-align: center;">61</td> <td style="text-align: center;">0</td> <td style="text-align: center;"><b>293</b></td> <td style="text-align: center;">90</td> <td style="text-align: center;">203</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align: center;"><b>22</b></td> <td style="text-align: center;">2</td> <td style="text-align: center;">20</td> <td style="text-align: center;">0</td> <td style="text-align: center;"><b>257</b></td> <td style="text-align: center;">68</td> <td style="text-align: center;">189</td> </tr> <tr> <td></td> <td colspan="4"></td> <td style="text-align: center;">Percentage =</td> <td colspan="2" style="text-align: center;"><b>87.71%</b></td> </tr> </table>		<u>PERMANENT</u>			<u>GUARD/RESERVE</u>				<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	AUTHORIZED	<b>78</b>	17	61	0	<b>293</b>	90	203	ACTUAL	<b>22</b>	2	20	0	<b>257</b>	68	189						Percentage =	<b>87.71%</b>		
	<u>PERMANENT</u>			<u>GUARD/RESERVE</u>																																					
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>																																		
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12. RESERVE UNIT DATA																																									
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>																																							
		<u>AUTHORIZED</u>	<u>ACTUAL</u>																																						
	112 MEDICAL COMPANY (AIR AMBULANCE) MTOE 08447LNG01                      CCNUM: NG0195 UIC: WQQKAA                              TPSN: 32755	151	141																																						
	COMPANY E, 120TH AVIATION AIR TRAFFIC SERVICE MTOE 01428LNG02                      CCNUM: NG0190 UIC: WVMKAA                              TPSN: 30629	44	24																																						
	COMPANY C, 1ST BATTALION 137TH AVIATION MTOE 01205ANG01                      CCNUM: NG0197 UIC: WV7QC3                              TPSN: 03038	61	58																																						
	OPERATIONAL SUPPORT AIRLIFT DETACHMENT MTOE NGW7Y4AA                      CCNUM: NG0196 UIC: W7Y414                              TPSN: 46762	8	6																																						
	SUBTOTAL	264	229																																						
13. MAJOR EQUIPMENT AND AIRCRAFT																																									
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>																																						
	UH-60	15	15																																						
	UH-1	15	15																																						
	OH-58	4	4																																						
	C-12 C	1	1																																						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)																																									
		<u>(\$000)</u>																																							
	A. AIR POLLUTION	NONE																																							
	B. WATER POLLUTION	NONE																																							
	C. OCCUPATIONAL SAFETY AND HEALTH	NONE																																							

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>
3. INSTALLATION AND LOCATION  <b>BANGOR INTERNATIONAL AIRPORT, BANGOR, ME</b>		
11. PERSONNEL STRENGTH AS OF: 01 JAN 99 (continued)		
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED		
ACTUAL		
12. RESERVE UNIT DATA		
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>
		<u>AUTHORIZED</u> <u>ACTUAL</u>
	RECON AIR INTERDICTION DETACHMENT	<b>6</b> <b>6</b>
	MTOE NGW7YTAA                    CCNUM: NG0196	
	UIC: W7YTAA                        TPSN: 46769	
	FLIGHT SURGEONS DETACHMENT 3	<b>4</b> <b>4</b>
	MTOE                                CCNUM:	
	UIC: W8A4A3                        TPSN:	
	STATE AREA COMMAND AVIATION	<b>3</b> <b>3</b>
	MTOE                                CCNUM:	
	UIC: W8A4AA                        TPSN:	
	SUBTOTAL	<b>13</b> <b>13</b>
13. MAJOR EQUIPMENT AND AIRCRAFT		
	<u>TYPE</u>	<u>AUTHORIZED</u> <u>ASSIGNED</u>
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		



1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE <b>Jun 01</b>
3. INSTALLATION AND LOCATION <b>BANGOR INTERNATIONAL AIRPORT, B/</b>			4. PROJECT TITLE <b>ARMY AVIATION SUPPORT FACILITY ADD/ALT</b>	
5. PROGRAM ELEMENT <b>0505896A</b>	6. CATEGORY <b>21110</b>	7. PROJECT NUMBER <b>230007</b>	8. PROJECT COST (\$000) <b>11,618</b>	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>		<b>61,762</b>		<b>8,366</b>
Hangar High Bay	SM	2,440	2,044	(4988)
	SF	27,111	184	
Structural Upgrade Existing	SM	843	833	(703)
	SF	9,369	75	
Structural Upgrade Existing	SM	518	833	(432)
	SF	5,760	75	
Rehabilitation of Existing	SM	518	422	(219)
	SF	5,760	38	
Aircraft Wash Roof Structure	SF	8,732	47	(410)
	SF	5,760	38	
Unheated Aircraft Storage Facility	SM	1,248	856	(1068)
	SF	13,871	77	
Unheated Storage Facility	SM	315	722	(228)
	SF	3,500	65	
EMCS	SM	62,249	2	(148)
	SF	74,106	2	
FORCE PROTECTION	LS	-	-	170.3
<b>SUPPORTING FACILITIES</b>				<b>1,729</b>
SITE PREPARATION	LS	-	-	(146)
FORCE PROTECTION	LS	-	-	(57)
FINE GRADING & SEEDING	LS	-	-	(8)
PLANTING	LS	-	-	(10)
FLEXIBLE PAVING	SM	4,095	53	(219)
	SY	4,875	45	
FENCING	M	2	2,857	(6)
	LF	210	27	
ACCESS ROAD	SM	51	370	(19)
	SY	550	35	
CURBING	M	4	694	(3)
	LF	360	7	
INTERIOR FIRE PROTECTION	LS	-	-	(1085)
EXTERIOR SECURITY LIGHTING	LS	-	-	(7)
WATER/SEWER/GAS/ELECTRIC	LS	-	-	(170)
<b>SUBTOTAL</b>				<b>10,742</b>
<b>CONTINGENCY (5%)</b>				<b>537</b>
<b>SUBTOTAL</b>				<b>11,279</b>
<b>SUPERVISION, INSPECTION &amp; OVERHEAD (3%)</b>				<b>338</b>
<b>TOTAL PROJECT</b>				<b>11,618</b>
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				70
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>A specially designed aviation facility of permanent masonry and steel construction with built-up roof, concrete floor, mechanical and electrical equipment. Partitions of masonry block. Supporting facilities are rigid and flexible paving for aircraft parking/tie down pads, ground support equipment, hover lanes, fuel storage/dispensing system, aircraft wash facility, exterior lighting, fire protection, and fencing. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conservation features will be incorporated into design including energy management control systems and high efficiency motors, lighting and HVAC systems.</p>				
AIR CONDITIONING: <span style="float:right;">0 TONS</span>				

1. COMPONENT  <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  <b>Jun 01</b>
3. INSTALLATION AND LOCATION  <b>BANGOR INTERNATIONAL AIRPORT, BANGOR, ME</b>		
4. PROJECT TITLE  <b>ARMY AVIATION SUPPORT FACILITY ADD/ALT</b>	5. PROJECT NUMBER  <b>230007</b>	
11. REQUIREMENT: <b>5559 SM (61762) (SF)</b> ADEQUATE: <b>NA</b> SUBSTANDARD: <b>NA</b>		
<p><b>PROJECT:</b> This project is to build an AASF, of permanent type construction to serve the peace time missions of the assigned units stationed in the State of Maine. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. (Current Mission)</p> <p>Phase I - Two specially designed building additions of permanent masonry and steel construction with built-up roof, concrete floor, mechanical and electrical equipment. Interior partitions of masonry block. Supporting facilities are for hangar aprons and POV parking, drainage structures, fuel storage area, exterior lighting, fire protection, and fencing as well as physical security measures.</p> <p>Phase II - Expansion of existing administrative and allied shops areas. Renovation of the existing administrative and allied shops areas to include interior and exterior lighting, fire protection, handicapped accessibility requirements, rigid and flexible paving for aircraft parking and tie down pads, hover lanes, landscaping and physical security measures.</p> <p><b>REQUIREMENT:</b> A 6,402 SM (71,131 SF) AASF and supporting facilities are required to adequately provide the units housed in this facility with hangar, administrative, supply, classroom, locker, latrine and maintenance space.</p> <p><b>CURRENT SITUATION:</b> An Army Aviation Support Facility is located at the Bangor International Airport Training Site but the existing structure is severely deficient in space allowance to support the current mission and equipment authorized.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The current requirements of the aviation community within the state will be adversely impacted without this facility. Maintenance and scheduled inspections of aircraft will be severely limited due to the lack of authorized space in which to conduct these inspections. The climate in Maine does not allow for this type of work to be accomplished outside of a maintenance facility. Training of flight crews as well as maintenance personnel will be severely impacted if this project is not approved. Without this project the units readiness will be adversely affected due to having no capability of maintenance support. The overall readiness of the National Guard could also be adversely affected as the unit would become a non-mobilization asset if this project is not provided.</p> <p><b>ADDITIONAL:</b> This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared.</p> <p><b>ANTITERRORISM FORCE PROTECTION:</b> This project has been coordinated with the State antiterrorism/physical security plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Only protective measures required by regulation and ONLY the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.</p> <p><b>JOINT USE CERTIFICATION:</b> The Deputy 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>		
AT/FP POC: CW3 William Donovan (207)626-4313 CFO: Donovan G. Lajoie, P.E. (207) 626-4220		



1. COMPONENT ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Jun 01
3. INSTALLATION AND LOCATION SALISBURY, MARYLAND		INSNO= 24C10	4. AREA CONSTR COST INDEX 0.89
5. FREQUENCY AND TYPE OF UTILIZATION NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS ARNG SALISBURY 0 MILES ARMORY 27819 SF 1956			
7. PROJECTS REQUESTED IN THIS PROGRAM:			
CATEGORY		COST	<u>DESIGN STATUS</u>
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>(S000)</u>	<u>START</u> <u>CMPL</u>
214	Organizational Maintenance Shop	1,149 SM 12,371 SF	2,314 10/98 07/01
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.  2 MAY 00 (Date)			
9. LAND ACQUISITION REQUIRED NONE			0 (Number of acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS			COST
<u>CODE</u>	<u>PROJECT TITLE</u>		<u>(S000)</u>
171	Alt/Add Readiness Center, Salisbury, MD		7,709
RPM BACKLOG (\$000):		\$516.0	
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."			





1. COMPONENT ARNG		FY 2002 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Jun 01	
3. INSTALLATION AND LOCATION SALISBURY, MARYLAND			4. PROJECT TITLE Organizational Maintenance Shop		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 214		7. PROJECT NUMBER 240118	
				8. PROJECT COST (\$000) 2,314	
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>					<b>1,467</b>
OMS BUILDING		SM	1,036	1,346	(1,394)
		SF	11,153	125	
FLAMMABLE MATs FACILITY		SM	16	648	(10)
		SF	168	60	
CONTROLLED WASTE FACILITY		SM	28	646	(18)
		SF	300	60	
UNHEATED METAL STORAGE BLD		SM	70	646	(45)
		SF	750	60	
FORCE PROTECTION		LS	-----	14,000	(14)
<b>SUPPORTING FACILITIES</b>					<b>719</b>
SITE PREPARATION		LS	-----	100,000	(100)
FINE GRADING & SEEDING		LS	-----	25,000	(25)
PLANTING		LS	-----	27,000	(27)
RIGID PAVING		SM	3,238	48	(155)
		SY	3,873	40	
FLEXIBLE PAVING		SM	351	24	(8)
		SY	420	20	
FENCING		M	255	46	(12)
		LF	838	14	
SIDEWALKS		SM	167	43	(7)
		SF	1,800	4	
WASH PLATFORM		LS	-----	65,000	(65)
FUEL STORAGE & DISPENSING SYSTEM		LS	-----	80,000	(80)
EXTERIOR LIGHTING		LS	-----	75,000	(75)
LUBE AND INSPECTION RAMP		LS	-----	30,000	(30)
LOAD RAMP		LS	-----	30,000	(30)
DETACHED FACILITY SIGN		LS	-----	5,000	(5)
EXTERIOR FIRE PROTECTION		LS	-----	30,000	(30)
UTIL'S:WATER/SEWER/GAS/ELEC		LS	-----	70,000	(70)
<b>SUBTOTAL</b>					<b>2,201</b>
CONTINGENCY (5% X 2200.5)					110
<b>SUBTOTAL</b>					<b>2,311</b>
SUPERVISION, INSPECTION & OVERHEAD (3% X 2310.5)					3
<b>TOTAL FEDERAL REQUEST</b>					<b>2,314</b>
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)					12
<p>Consists of a maintenance facility with four (4) maintenance workbays including a full length lube pit in one bay, plus administrative, personnel, and work areas. Constructed of masonry block with brick veneer, concrete floors, masonry block partitions with a built-up or single membrane roofing system and 7.5 ton crane. Supporting facilities include military and customer vehicle parking, fencing, wash platform, fuel storage and dispensing system, lube &amp; inspection rack, load ramp, control waste handling facility, sidewalks, outside lighting, and access roads. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained.</p>					
Air Conditioning - 3 TONS					

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (Continuation)		2. DATE Jun 01	REPORT CONTROL SYMBOL
3. INSTALLATION AND LOCATION SALISBURY, MARYLAND		INSNO= 24C10	4. PROJECT TITLE Organizational Maintenance Shop	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 214	7. PROJECT NUMBER 240118	8. PROJECT COST (\$000) 2,314	
11. REQUIREMENT: <u>1,149 SM</u> <u>12,371 SF</u> ADEQUATE: <u>NA</u> <u>SM</u> <u>SF</u> SUBSTANDARD: <u>NA</u> <u>SM</u> <u>SF</u>				
<p><b>PROJECT:</b> A new maintenance facility to provide adequate organizational maintenance support for vehicles and equipment supported by this maintenance shop. Site of project will be on state land. (Current Mission)</p>				
<p><b>REQUIREMENT:</b> A facility requirement for 1,149 SM (12,371 SF) is requested to permit efficient maintenance support at the organizational level to be performed on vehicles authorized to the units which will be supported by this maintenance shop.</p>				
<p><b>CURRENT SITUATION:</b> The individuals that will be working in this facility currently work in an overcrowded and substandard maintenance shop. The existing shop, located in Salisbury, Maryland, was built in 1956 as motor vehicle storage bays for the adjoining armory and is extremely outdated. The current shop has inadequate space, lighting and a substandard ventilation system. The State planned maintenance reorganization will consolidate the maintenance activities performed at the Chestertown OMSS to the Salisbury OMS. Since the existing facility was constructed, the missions have changed creating an increase in equipment and maintenance requirements, causing a severe lack of functional space. Renovating the existing building would not be economical due to its condition and for the future expansion of the armory. In addition, the existing facility will be altered into necessary armory space.</p>				
<p><b>IMPACT IF NOT PROVIDED:</b> The present facility's deficiencies will continue to negatively impact troop morale. The lack of proper and adequate maintenance, training, storage and administrative areas will continue to impair the attainment of the units' required mobilization readiness levels.</p>				
<p><b>ADDITIONAL:</b> This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 Jan 2000 and Design Guide 415-2 dated 1 July 1997. The most similar DoD standards for logistics facility construction do not address all of the current criteria incorporated in the Army National Guard Organizational Maintenance Shop (OMS) design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement.</p>				

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (Continuation)		2. DATE Jun 01	REPORT CONTROL SYMBOL
3. INSTALLATION AND LOCATION SALISBURY, MARYLAND                      INSNO= 24C10		4. PROJECT TITLE Organizational Maintenance Shop		
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 214	7. PROJECT NUMBER 240118	8. PROJECT COST (\$000) 2,314	
<p>ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installations AT/FP plan. Risk and threat analysis have been performed in accordance with DA Pam 190/51 and TM 5-853-1, respectively. Only protective measures required by regulation and ONLY the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.</p> <p><u>ANTITERRORISM/FORCE PROTECTION: SUMMARY OF RISK AND THREAT ANALYSIS</u></p>				
<p><u>JOINT USE CERTIFICATION:</u> The Deputy 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>				
AT/FP POC: CPA Hook/(410) 517-3776		CFO: COL Dannenfelser/(410) 576-6064		

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (Continuation)		2. DATE Jun 01	REPORT CONTROL SYMBOL
3. INSTALLATION AND LOCATION SALISBURY, MARYLAND		INSNO = 24C10	4. PROJECT TITLE Organizational Maintenance Shop	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 214	7. PROJECT NUMBER 240118	8. PROJECT COST (\$000) 2,314	
12. SUPPLEMENTAL DATE				
a. ESTIMATED DESIGN DATA:				
(1) STATUS:				
(a) DATE DESIGN STARTED.....			Oct-98	
(b) PERCENT COMPLETE AS OF JANUARY ..... 2001 .....			35%	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....			01/01	
(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE.....			07/01	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....			NO	
(f) TYPE OF DESIGN CONTRACT.....			Design-Bid-Build	
(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.				
(2) BASIS:				
(a) STANDARD OR DEFINITIVE DESIGN			YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
(b) WHERE DESIGN WAS MOST RECENTLY USED			NA	
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e) (\$000)				
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....			(132.1)	
(b) ALL OTHER DESIGN COSTS.....			(66.0)	
(c) TOTAL.....			198	
(d) CONTRACT..... 9% .....			(198)	
(e) IN-HOUSE.....			(0.0)	
COST OF REPRODUCTION OF PLANS AND SPECS.....			(7.5)	
(4) CONSTRUCTION CONTRACT AWARD DATE			10/01	
(5) CONSTRUCTION START			11/01	
(6) CONSTRUCTION COMPLETION DATE			10/02	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS				
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATION OR REQUESTED	COST (\$000)	
TELECOM	OMNG	FY 02	5	
FURNITURE	OMNG	FY 02	7	
TOTAL			12	

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>				
3. INSTALLATION AND LOCATION <b>OMS #7 FRAMINGHAM, MASSACHUSETTS</b>		4. AREA CONSTR COST INDEX <b>1.12</b>				
5. FREQUENCY AND TYPE OF <b>NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.</b>						
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS						
ARNG	NATICK	4 MILES	ARMORY	27,355	SF	1913
ARNG	WAYLAND	8 MILES	ARMORY	8,409	SF	1956
ARNG	MARLBOROUGH	12 MILES	ARMORY	14,493	SF	1907
7. PROJECTS REQUESTED IN THIS PROGRAM						
CATEGORY			COST	DESIGN STATUS		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>	
21407	ORGANIZATIONAL	3,858 SM	8,347	Aug-01	Jun-02	
	MAINTENANCE SHOP	41,533 SF				
8. STATE GUARD/RESERVE FORCES BOARD RECOMMENDATION						
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				11 APR 2001	Date	
9. LAND ACQUISITION REQUIRED			<b>0</b>			
<b>NONE</b>			<i>(Number of acres)</i>			
10. PROJECTS PLANNED IN NEXT FOUR YEARS			<b>NONE</b>			
RPM BACKLOG (\$000):			<b>\$491</b>			
<b>"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."</b>						

1. COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01
3. INSTALLATION AND LOCATION  OMS #7 FRAMINGHAM, MASSACHUSETTS		
11. PERSONNEL STRENGTH AS OF: 28		
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	18   0   18   0	608   202   406
ACTUAL	10   0   10   0	885   235   650
Percentage = 145.56%		
12. RESERVE UNIT DATA		
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>
		<u>AUTHORIZED</u> <u>ACTUAL</u>
	HHD 101 QUARTERMASTER BATTALION UIC: WPAUAA    TPSN: 34503 MTOE: 10466LNG03    NG0 195    Collocated	39                                      38
	1164TH TRANSPORTATION COMPANY UIC: WQJDAA    TPSN: 35628 MTOE: 55728LNG04    NG0 199    Collocated	183                                      106
	HHD STARC MA UIC: W8A6AA TDA: NGW8A6AA                      Noncollocated	310                                      397
	SUBTOTAL	532                                      541
13. MAJOR EQUIPMENT AND AIRCRAFT		
	<u>TYPE</u>	<u>AUTHORIZED</u> <u>ASSIGNED</u>
	WHEELED	201                                      201
	TRAILERS	69                                        69
	TRACKED	0                                         0
	EQUIPMENT > 30-FT	11                                        11
	FUEL & M977 HEMMT	0                                         0
	HEMTT PLS/HET	1                                         1
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)		
		<u>(\$000)</u>
	A. AIR POLLUTION	NONE
	B. WATER POLLUTION	NONE
	C. OCCUPATIONAL SAFETY AND HEALTH	NONE

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01							
3. INSTALLATION AND  OMS #7 FRAMINGHAM, MASSACHUSETTS									
11. PERSONNEL STRENGTH AS 28 NOV 95									
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; text-align: center;"><u>PERMANENT</u></td> <td style="width: 50%; text-align: center;"><u>GUARD/RESERVE</u></td> </tr> <tr> <td style="text-align: center;"><u>TOTAL</u>   <u>OFFICER</u>   <u>ENLISTED</u>   <u>CIVILIAN</u></td> <td style="text-align: center;"><u>TOTAL</u>   <u>OFFICER</u>   <u>ENLISTED</u></td> </tr> </table>				<u>PERMANENT</u>	<u>GUARD/RESERVE</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>		
<u>PERMANENT</u>	<u>GUARD/RESERVE</u>								
<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>								
AUTHORIZED									
ACTUAL									
12. RESERVE UNIT									
<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;"></td> <td colspan="2" style="text-align: center;"><u>STRENGTH</u></td> </tr> <tr> <td style="text-align: center;"><u>UNIT DESIGNATION</u></td> <td style="text-align: center;"><u>AUTHORIZED</u></td> <td style="text-align: center;"><u>ACTUAL</u></td> </tr> </table>					<u>STRENGTH</u>		<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
	<u>STRENGTH</u>								
<u>UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>							
79TH TROOP COMMAND UIC: W8A6A5 TDA: NGW8A6AA                      Noncolocated	40	49							
HHD 726TH MAINTENANCE BATTALION UIC: WPFXAA    TPSN: 31129 MTOE: 43436LNG02    NG0 198    Noncolocated	51	49							
125TH QUARTERMASTER COMPANY UIC: WPAYAA    TPSN: 34504 MTOE: 10468LNG02    NG0 195    Noncolocated	143	148							
26TH PERSONNEL SERVICES DETACHMENT UIC: WPFLAA    TPSN: 30412 MTOE: 12427LNG01    NG0 194    Noncolocated	48	32							
220TH QUARTERMASTER TEAM UIC: WPAVAA    TPSN: 34599 MTOE: 10570LNG07    NG0 195    Noncolocated	19	29							
704TH QUARTERMASTER TEAM UIC: WQJGAA    TPSN: 34500 MTOE: 10469LNG05    NG0 196    Noncolocated	49	37							
	SUBTOTAL	350							
	TOTAL	882							
		344							
		885							

1. COMPONENT <b>ARNG</b>		<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE <b>Jun 01</b>	
3. INSTALLATION AND LOCATION <b>OMS #7 FRAMINGHAM, MASSACHUSETTS</b>				4. PROJECT TITLE <b>ORGANIZATIONAL MAINTENANCE SHOP</b>		
5. PROGRAM ELEMENT <b>0505896A</b>		6. CATEGORY CODE <b>21407</b>	7. PROJECT <b>250051</b>		8. PROJECT COST (\$000) <b>8,347</b>	
9. COST ESTIMATES						
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
<b>PRIMARY FACILITY</b>			<b>41,533</b>		<b>5,436</b>	
OMS BUILDING		SM	2,128.2	1679.2	(3,574)	
		SF	22,909	156.00		
FLAMMABLE MATs FACILITY		SM	36.6	1077.7	(39)	
		SF	394	100.00		
CONTROLLED WASTE FACILITY		SM	27.9	1076.4	(30)	
		SF	300	100.00		
RENOVATE MSB		SM	1,665.7	1076.4	(1,793)	
		SF	17,930	100.00		
FORCE PROTECTION		LS	-	55	(55)	
<b>SUPPORTING FACILITIES</b>					<b>2,227</b>	
SITE PREPARATION (Building DEMO 36,750 SF)		LS	-	600	(600)	
FINE GRADING & SEEDING		LS	-	60	(60)	
PLANTING		LS	-	30	(30)	
RIGID PAVING		SM	9,335.1	69.4	(648)	
		SY	11,165	58		
FLEXIBLE PAVING		SM	945.6	44.2	(42)	
		SY	1,131	37		
FENCING		M	673.6	85.4	(58)	
		LF	2,210	26		
SIDEWALKS		SM	167.2	161.5	(27)	
		SF	1,800	15		
WASH PLATFORM		LS	0	0	(125)	
FUEL STORAGE & DISPENSING SYSTEM		LS	0	0	(150)	
EXTERIOR LIGHTING		LS	0	0	(133)	
LUBE AND INSPECTION RAMP		LS	0	0	(60)	
LOAD RAMP		LS	0	0	(60)	
DETACHED FACILITY SIGN		LS	0	0	(10)	
EXTERIOR FIRE PROTECTION		LS	0	0	(75)	
UTIL'S:WATER/SEWER/GAS/ELEC		LS	0	0	(150)	
<b>SUBTOTAL</b>					<b>7,718</b>	
CONTINGENCY (5% X 7718.1)					386	
<b>SUBTOTAL</b>					<b>8,104</b>	
SUPERVISION, INSPECTION & OVERHEAD (3% X 8104)					243	
<b>TOTAL PROJECT REQUEST</b>					<b>8,347</b>	
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)					80	
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>Consists of a maintenance facility with two (6) maintenance workbays, (1) warm up bay, and (1) DS Maintenance bay, plus administrative, personnel, and work areas. Constructed of masonry block with brick veneer, concrete floors, masonry block partitions with a built-up or single membrane roofing system. Supporting facilities include military and customer vehicle parking, fencing, wash platform, fuel storage and dispensing system, lube &amp; inspection rack, load ramp, control waste handling facility, sidewalks, outside lighting, and access roads. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained.</p>						
AIR CONDITIONING-		3 TONS				



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION OMS #7 FRAMINGHAM, MASSACHUSETTS		
4. PROJECT TITLE ORGANIZATION MAINTENANCE SHOP	4. PROJECT NUMBER 250051	
11. REQUIREMENT: <u>2,313</u> SM <u>24,903</u> SF ADEQUATE: <u>NA</u> SM <u>NA</u> SF SUBSTANDARD: <u>NA</u> SM <u>      </u> SF		
<p><b>PROJECT:</b> A new maintenance facility to provide adequate organizational maintenance support for vehicles and equipment supported by this maintenance shop. Site of project will be on state land. (Current Mission)</p> <p><b>REQUIREMENT:</b> A facility requirement for 2,313 SM (24,903 SF) is requested to permit efficient maintenance support at the organizational level to be performed on vehicles authorized to the units which will be supported by this maintenance shop.</p> <p><b>CURRENT SITUATION:</b> The individuals that will be working in this facility currently work in an overcrowded and substandard maintenance shop. The existing shop, Framingham, Massachusetts was built in 1941 and is extremely outdated and hazardous to work in. Since the existing facility was constructed, the missions have changed creating an increase in equipment and maintenance requirements, causing a severe lack of functional space. Renovating the existing building would not be economical due to its condition. In addition, the existing facility would have to be completely altered and repaired, which would be more costly since all of the offices, the latrine, and the workbays (20x40) are too small and deteriorating.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The present facility's deficiencies will continue to negatively impact troop morale. The lack of proper and adequate maintenance, training, storage and administrative areas will continue to impair the attainment of the units' required mobilization readiness levels.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-2 dated 1 July 1997. The most similar DoD standards for logistics facility construction do not address all of the current criteria incorporated in the Army National Guard Organizational Maintenance Shop (OMS) design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>		
AT/FP POC: Mr. Joseph Capri (508) 233-6576      CFMO LTC Richard V. Crivello (508) 233-6551		

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>	
3. INSTALLATION AND LOCATION <b>OMS #7 FRAMINGHAM, MASSACHUSETTS</b>			
4. PROJECT TITLE <b>ORGANIZATION/ MAINTENANCE SHOP</b>	5. PROJECT NUMBER <b>250051</b>		
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....		<b>Aug-01</b>	
(b) PERCENT COMPLETE AS OF JAN 2002 .....		<b>0%</b>	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....		<b>Jan-02</b>	
(d) DATE DESIGN COMPLETE.....		<b>Jun-02</b>	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....		<b>NO</b>	
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN YES	<input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
(b) WHERE DESIGN WAS MOST RECENTLY USED	<input type="checkbox"/>	NA <input type="checkbox"/>	
(3) TOTAL COST (c) = (d) + (b):			
	<b>487</b>		
(a) PRODUCTION OF PLANS AND SPECIFICATIONS .....		<u>(463.1)</u>	
(b) ALL OTHER DESIGN COSTS .....		<u>(231.5)</u>	
(c) TOTAL .....		<u>694.6</u>	
(d) CONTRACT ..... <b>9%</b> .....		<u>(694.6)</u>	
(e) IN-HOUSE .....		<u>(0.0)</u>	
(4) CONSTRUCTION START .....			
		<u>07/02</u>	
(5) CONSTRUCTION COMPLETION .....			
		<u>07/03</u>	
<i>(month and year)</i>			
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
<u>EQUIPMENT</u> NOMENCLATURE	<u>PROCURING</u> APPROPRIATION	<u>FISCAL YEAR</u> APPROPRIATION OR REQUESTED	<u>COST</u> (\$000)
TELCOM	OMNG	FY 03	15
FURNITURE	OMNG	FY 03	65
			Total = 80

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE <b>JUN 01</b>
3. INSTALLATION AND LOCATION <b>LANSING, MICHIGAN</b>			INSNO = 26B83	4. AREA CONSTR COST INDEX <b>1.17</b>
5. FREQUENCY AND TYPE OF <b>NORMAL ADMINISTRATION AND MAINTENANCE SUPPORT FIVE DAYS PER WEEK, WITH A TWO DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.</b>				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS				
ARNG	LANSING, HQ STARC(-)	4 MILES	ARMORY	76,557 SF 1965
ARNG	LANSING, HHB 1-119 FA	6 MILES	ARMORY	23,154 SF 1924
ARNG	LANSING, HHSC 1-238 AV	14 MILES	ARMORY	23,154 SF 1924
7. PROJECTS REQUESTED IN THIS PROGRAM				
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN STATUS</u> <u>START</u> <u>COMPLETE</u>
<b>214</b>	<b>COMBINED SUPPORT MAINTENANCE SHOP PHASE 2</b>	<b>3,097 SM 33,337 SF</b>	<b>5,809</b>	<b>May-00</b> <b>Nov-01</b>
8. STATE GUARD/RESERVE FORCES BOARD RECOMMENDATION				
<b>FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.</b>				<b>28 FEB 01</b> Date
9. LAND ACQUISITION REQUIRED <b>NONE</b>				<b>0</b> (Number of acres)
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
<u>PROJECT</u>	<u>FY</u>	<u>SF</u>	<u>\$ (000)</u>	
CONSTRUCT STATE HQ ARMORY	02	223,251 SF	27,000	
RPM BACKLOG (\$000): <b>\$37,841</b>				
<b>"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."</b>				

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE JUN 01			
3. INSTALLATION AND LOCATION LANSING, MICHIGAN INSNO = 26B83							
11. PERSONNEL STRENGTH AS OF: 02 AUG 1999							
		<u>PERMANENT</u>			<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	208	10	188	2	9,656	982	8,674
ACTUAL	90	13	75	2	8,461	946	7,515
12. RESERVE UNIT DATA							
	<u>UNIT DESIGNATION</u>				<u>AUTHORIZED</u>	<u>STRENGTH</u> <u>ACTUAL</u>	
ALL MICHIGAN ARMY NATIONAL GUARD UNITS AND DETACHMENTS:							
	HEADQUARTERS, STATE AREA COMMAND MICHIGAN ARMY NATIONAL GUARD UIC: W8ACAA TPSN: 56751				OFFICERS 982	946	
	TDA: NGW8ACAA CCNUM: NG0197 Non-collocated				ENLISTED 8,674	7,515	
	TOTAL				<u>9,656</u>	<u>8,461</u>	
PERMANENT EMPLOYEE BREAKDOWN:							
	DIRECTOR OF MAINTENANCE UIC: W8ACAA TPSN: 56751 TDA: NGW8ACAA CCNUM: NG0197 Collocated				16	9	
	COMBINED SUPPORT MAINTENANCE SHOP UIC: WTDM99 TPSN: 31131 MTOE: 43209LNG29 CCNUM: NG0100 Collocated				192	81	
	TOTAL				<u>208</u>	<u>90</u>	
13. MAJOR EQUIPMENT AND AIRCRAFT							
	<u>TYPE</u>				<u>AUTHORIZED</u>	<u>ASSIGNED</u>	
ALL APPLICABLE MTOE'S(*)							
	WHEELED				2533	2533	
	TRAILERS				1423	1423	
	TRACKED				111	111	
	EQUIPMENT > 30-FT				28	28	
	FUEL VEHICLES				<u>102</u>	<u>102</u>	
	TOTAL				4197	4197	
* CSMS Is not authorized vehicles. It provides support level maintenance for a portion of the vehicles and equipment assigned to the State.							
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)							
					<u>(\$000)</u>		
	A. AIR POLLUTION				NONE		
	B. WATER POLLUTION				NONE		
	C. OCCUPATIONAL SAFETY AND HEALTH				NONE		

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE JUN 01		
3. INSTALLATION AND LOCATION LANSING, MICHIGAN		INSNO = 26B83	4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP PHASE 2	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 214	7. PROJECT 260169A	8. PROJECT COST (\$000) 5,809	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>4,283.8</b>
CSMS	SM	3,097	1,334.8	(4,133.8)
	SF	33,337	124.00	
FORCE PROTECTION	LS	1	150,000.0	(150.0)
	LS	1	150000.00	
<b>SUPPORTING FACILITIES</b>				<b>1,087.8</b>
SITE PREPARATION	LS	1	75.0	(75.0)
	LS	1	75.00	
GRADING & DRAINAGE	LS	1	50.0	(50.0)
	LS	1	50.00	
SEEDING & PLANTING	LS	1	21,000.0	(21.0)
	LS	1	21000.00	
PAVING / POV (FLEX)	SM	836	32.3	(27.0)
	SY	1,000	27.00	
PAVING / MILITARY (RIGID)	SM	12,852	47.8	(614.8)
	SY	15,371	40.00	
SECURITY LIGHTING	LS	1	50.0	(50.0)
	LS	1	50000.00	
FORCE PROTECTION	LS	1	100.0	(100.0)
	LS	1	100000.00	
EXTERIOR FIRE PROTECTION	LS	1	50000.0	(50.0)
	LS	1	50000.00	
<b>UTILITIES</b>	LS	1	100.00	(100.0)
	LS	1	100.00	
<b>SUBTOTAL</b>				<b>5,371.6</b>
CONTINGENCY (5%)				268.58
<b>TOTAL CONTRACT COST</b>				<b>5,640.2</b>
SUPERVISION, INSPECTION, OVERHEAD (3%)				(169.2)
<b>TOTAL FEDERAL REQUEST</b>				<b>5,809.4</b>
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(40.0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Consists of the construction of Phase 2 of a new Combined Support Maintenance Shop to support the maintenance needs of the Michigan Army National Guard. This requested project is for Phase 2 only. The phase provides for a total of 21 general maintenance workbays constructed of masonry, EPDM roof, concrete floor and wall partitions of masonry block. The requested facility includes all mechanical, electrical, and plumbing work, heating, ventilating, and energy controls to connect with the energy monitoring system already provided for in the first phase. Phase 2 also consists of constructing rigid pavement for the remaining military vehicle parking, and unheated vehicle storage. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained.</p> <p style="text-align:center;">- Continued on Next Page -</p>				

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE JUN 01
3. INSTALLATION AND LOCATION LANSING, MICHIGAN		INSNO = 26B83
4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP PHASE 2		4. PROJECT NUMBER 260169A
AIR CONDITIONING: NONE		
11. REQUIREMENT: <u>3,097</u> SM <u>33,337</u> SF ADEQUATE: <u>0</u> SM <u>0</u> SF SUBSTANDARD: <u>3,460</u> SM <u>37,245</u> SF		
<p><b>PROJECT:</b> Phase 2 of a new Combined Support Maintenance Shop (CSMS) that will provide for needed space for operation and maintenance tasks that will support the peacetime mission, and improve unit readiness for the current mission of the Michigan Army National Guard (Current Mission).</p> <p><b>REQUIREMENT:</b> This facility is required to house the permanent employees of the Surface Maintenance Office (SMO), and the CSMS, totaling an authorized strength of 208 persons. This new facility will provide the required maintenance and maintenance support areas to meet the readiness objectives of the 4,197 authorized vehicles in the Michigan Army National Guard. The Phase 2 facility requirement consists of 3,097 SM (33,337 SF) for workbay space and unheated vehicle storage, and 1,521 SM (16,371 SY) of rigid and flexible paving for military vehicle parking and supporting facilities. Project is requested to allow efficient maintenance at the support level to be performed on vehicles authorized to the units supported by this CSMS.</p> <p><b>CURRENT SITUATION:</b> The individuals that will be working in this facility currently work in an overcrowded and substandard CSMS. The existing CSMS, located in Lansing, Michigan was built in 1950 and contains 37,245 SF of space. The existing CSMS will be sold when the new CSMS is built. Alterations and additions to the existing building is not economical due to its age, condition, and the size of the existing site. The geographic location is supportive to the non-collocated units.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The present facility's deficiencies will continue to negatively impact troop morale. The lack of proper and adequate maintenance, training, storage and administrative areas will continue to impair the attainment of units' required mobilization readiness levels.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 01 July 2000 and Design Guide 415-2 dated 1 November 1999. 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 only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p style="text-align: center;">- Continued on Next Page -</p>		

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE JUN 01
3. INSTALLATION AND LOCATION LANSING, MICHIGAN		INSNO = 26B83
4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP PHASE 2		4. PROJECT NUMBER 260169A
AIR CONDITIONING: NONE		
<p>- Requirement Continued -</p> <p><u>ANTITERRORISM/FORCE PROTECTION:</u> This project has been coordinated with the installations AT/FP plan. Risk and threat analysis have been performed in accordance with DA Pam 190/51 and TM 5-853-1, respectively. Only protective measures required by regulation and <b>ONLY</b> the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.</p> <p><u>JOINT USE CERTIFICATION:</u> 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>AT/FP POC: <u>MAJ THOMAS HOWKO</u> /(517)483-5621      CFMO/ <u>COL Tibor Lanczy</u> /(517)483-5809</p>		

1. COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  JUN 01	
3. INSTALLATION AND LOCATION LANSING, MICHIGAN		INSNO = 26B83	
4. PROJECT TITLE COMBINED SUPPORT MAINTENANCE SHOP PHASE 2		5. PROJECT NUMBER 260169A	
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....		May-00	
(b) PERCENT COMPLETE AS OF JANUA 2002 .....		100%	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....		Feb-01	
(d) DATE DESIGN COMPLETE.....		Nov-01	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....		NO	
(f) TYPE OF DESIGN CONTRACT.....		N/A	
(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES	<input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
(b) WHERE DESIGN WAS MOST RECENTLY USED	<input type="checkbox"/>	NA <input type="checkbox"/>	
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e):			
	NONE	(\$3) Design Phase 1	
(a) PRODUCTION OF PLANS AND SPECIFICATIONS .....		(322)	
(b) ALL OTHER DESIGN COSTS .....		(161)	
(c) TOTAL .....		(483)	
(d) CONTRACT .....	9%	(483)	
(e) IN-HOUSE .....		(0)	
(4) CONSTRUCTION START .....			
		FEB 02	
(5) CONSTRUCTION COMPLETION .....			
		MAR 03	
		<i>(month and year)</i>	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATION OR REQUESTED	COST (\$000)
Furniture	OMNG	02	30.0
Telecommunications	OMNG	02	10
<b>TOTAL</b>			<b>40.0</b>



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION  CAMP SHELBY, MISSISSIPPI		4. AREA CONSTR COST INDEX  0.87
5. FREQUENCY AND TYPE OF UTILIZATION FACILITY WILL BE USED 365 DAYS PER YEAR.		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS  THERE ARE NO SIMILAR FACILITIES WITHIN A 25 MILE RADIUS.		
7. PROJECTS REQUESTED IN THIS PROGRAM		
CATEGORY		COST
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u> <u>(\$000)</u>
17180	REGIONAL MILITARY	17,568 SM    \$11,444
	EDUCATIONAL	68,596 SF
	CENTER, PHASE II	
		DESIGN STATUS
		<u>START</u> <u>COMPLETE</u>
		Feb-94      May-01
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		
		28 NOV 1999
		<u>Date</u>
9. LAND ACQUISITION REQUIRED NONE		
		0
		<u>(Number of acres)</u>
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
MATES ADDITIONAL/ ALTERATION	CAMP SHELBY, MISSISSIPPI	\$21,117
TROOP HOUSING FACILITY, PHASE I	CAMP SHELBY, MISSISSIPPI	\$5,000
OFFICER ENLISTED QUARTERS	CAMP SHELBY, MISSISSIPPI	\$3,813
SIMULATION & EXERCISE CENTER PHASE I	CAMP SHELBY, MISSISSIPPI	\$1,700
MULTI-PURPOSE RANGE COMPLEX- HVY	CAMP SHELBY, MISSISSIPPI	\$14,000
COMBINED ARMS AREA ( CAA)	CAMP SHELBY, MISSISSIPPI	\$2,570
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."		

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01		
3. INSTALLATION AND LOCATION CAMP SHELBY, MISSISSIPPI						
11. PERSONNEL STRENGTH AS OF: <span style="background-color: yellow;">1FEB 01</span>						
		<u>PERMANENT</u>			<u>GUARD/RESERVE</u>	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	173	20	150	2	0	0    0
ACTUAL	154	18	134	2	0	0    0
				Percentage	89.02%	
12. RESERVE UNIT DATA						
	<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>		
				<u>AUTHORIZED</u>	<u>ACTUAL</u>	
	DET 4, STARC MSARNG MILITARY ACADEMY UIC W8AQA4    TDA NGW8AGAA			38	32	
	REGIONAL SCHOOL SUPPORT DETACHMENT UIC W8AG12    TDA NGW8AGAA ( PARA 13 )			12	7	
	USARNG REGIONAL NCO ACADEMY, MS/REGUIB III UIC W7WBAA    TDA NGW7WBAA			55	55	
	M60A3 DISPLACED EQUIPMENT TRAINING TEAM UIC W7QZAA    TDA NGW7QZAA			25	21	
	REGIONAL TRAINING SITE - MAINTENANCE UIC W7WMAA    TDA NGW7WMAA			24	22	
CURRENT SCHOOL SIZING HAS BEEN CALCULATED BY THIS STATE TO SUPPORT OVER 250 INDIVIDUAL STUDENTS AND 150 ANNUAL TRAINING STUDENTS. THIS SCHOOL SUPPORTS UNITS IN MS, AL, AR, KY, LA, OK, TN, AND TX.						
13. MAJOR EQUIPMENT AND AIRCRAFT						
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>			
	WHEELED VEHICLES	135	125			
	TRAILERS	0	0			
	TRACKED VEHICLES	15	16			
	FUEL VEHICLES	0	0			
	OVERSIZED VEHICLES > 30'	0	0			
*/ REMAINING VEHICLES ARE LOCATED AT MATES						
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:						
		<u>(\$000)</u>				
	A. AIR POLLUTION	NONE				
	B. WATER POLLUTION	NONE				
	C. OCCUPATIONAL SAFETY AND HEALTH	NONE				

1. COMPONENT ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01
3. INSTALLATION AND LOCATION CAMP SHELBY, MISSISSIPPI			4. PROJECT TITLE REGIONAL MILITARY EDUCATIONAL CENTER, II	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 280009	8. PROJECT COST \$11,444	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>	SM	<b>17,568</b>		<b>\$8,589,900</b>
	SF	68,596		
BILLETS, (QUALITY OF LIFE)	SM	14,494	120	\$4,015,320
	SF	33,461	120	
RTS MAINTENANCE	SM	455	1,058	\$1,041,900
	SF	6946	150	
	SM	0	0	\$0
	SF	0	60	-
PHYSICAL FITNESS (QUALITY OF LIFE)	SM	133	1,021	\$171,600
	SF	1,430	120	-
ADMINISTRATION BUILDING	SM	2,309	1,080	\$2,982,960
	SF	24,858	120	-
UNIT MAINTENANCE	SM	177	1,020	\$228,120
	SF	1,901	120	-
FORCE PROTECTION	LS	-	-	\$150,000
<b>SUPPORTING FACILITIES</b>				<b>\$2,200,000</b>
SITE PREPARATION	LS	-	-	\$950,000
FINE GRADING & SEEDING	LS	-	-	\$100,000
FLEXIBLE PAVING	SM	1,003		\$78,000
	SY	1,200	65	-
SIDEWALKS	SM	279	108	\$90,000
	SF	3,000	30	-
OUTSIDE LIGHTING	LS	-	-	\$75,000
SIGNAGE	LS	-	-	\$29,000
UTILITIES: WATER/SEWER/GAS/ELECTRIC	LS	-	-	\$550,000
PA SYSTEM	LS	-	-	\$150,000
LANDSCAPING	LS	-	-	\$178,000
<b>SUBTOTAL</b>				<b>\$10,789,900</b>
CONTINGENCY (5%)				\$467,000
TOTAL CONTRACT COST				\$11,256,900
SUPERVISION, INSPECTION & OVERHEAD (2%)				\$187,000
<b>TOTAL FEDERAL REQUEST</b>				<b>\$11,443,900</b>
STATE SHARE (NON-ADD)				N/A
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				\$113
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
Specially designed facilities of concrete masonry units, brick veneer, or concrete panels and standing seam metal roof system. These facilities will be one and two story structures with supporting mechanical and electrical building systems. Other supporting facilities include student and instructor POV/military parking, access road and sidewalks. Utilities connections and site preparation are part of this work.				
AIR CONDITIONING: 455 MT 395 TONS				
11. REQUIREMENT: 17,948 SM 191,148 SF ADEQUATE 67,356 SUBSTANDARD: NA				
Project :68,594 SF of facilities are required to support the Regional School in conducting leader training, maintenance training, and armor crewman training and in providing proper storage and administration facilities. The remaining billets will be included in phase III.				

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION CAMP SHELBY, MISSISSIPPI		
4. PROJECT TITLE REGIONAL MILITARY EDUCATIONAL CENTER, PHASE II	4. PROJECT NUMBER 280009	
11. REQUIREMENT: 17,568 SM 68,596 SF ADEQUATE: 67,356 SUBSTANDARD: NA		
<p><u>PROJECT CONTINUES:</u></p> <p><u>CURRENT SITUATION:</u> The existing school operation is housed in existing substandard buildings which were built for annual training use only. The Regional Training Site Maintenance building is the only facility currently above minimum standards, however, deficiencies have been identified for improvements as outlined herein. The current buildings were not designed for educational activities and many substandard temporary modifications have been made. This is a National Guard Bureau recognized Regional Training Center and a Category A Training Site. <u>This is the second of three phases for the Regional School Project.</u> All classrooms and a dining facility have been constructed and are complete.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The lack of adequate facilities will hamper effective training of all students assigned to the Regional School for training. Failure to provide the best possible training will affect the combat readiness of the many units within the support region of the southern United States. The capability of the training site to support annual training is also degraded due to the dedicated use of 75 to 90 site buildings which need to be available for issue to units. Sixty percent of this phase can be classified as a Quality of Life Facilities.</p> <p><u>SUPPORTING DOCUMENTATION, AT/FP:</u> This project has been coordinated with the state physical security officer and no force protection/combatting terrorism measures other than those physical security measures required by regulation and design guides for protecting Federal property are required.</p> <p><u>JOINT USE CERTIFICATION:</u> 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 the use by other components.</p> <p>AT/FP POC: LTC WILLIAM R. LINDSLEY (601) 313-6193 CFMO: DONALD M. WINDHAM (601) 313-623</p>		

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01	
3. INSTALLATION AND LOCATION CAMP SHELBY, MISSISSIPPI			
4. PROJECT TITLE REGIONAL MILITARY EDUCATIONAL CENTER, PHASE II		5. PROJECT NUMBER 280009	
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....		Feb-94	
(b) PERCENT COMPLETE AS OF JANUARY 1999.....		95%	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....		N/A	
(d) DATE DESIGN COMPLETE.....		May-01	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....		NO	
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES	<input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
(b) WHERE DESIGN WAS MOST RECENTLY USED	<input type="checkbox"/> NA <input type="checkbox"/>		
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e): (\$000)'			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....	647.4		
(b) ALL OTHER DESIGN COSTS.....	323.7		
(c) TOTAL.....	971.1		
(d) CONTRACT.....	971.1		
(e) IN-HOUSE.....	0		
(4) CONSTRUCTION START <span style="float: right;">Nov-01</span>			
(5) CONSTRUCTION COMPLETION DATE <span style="float: right;">Nov-04</span> <small>(MONTH AND YEAR)</small>			
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
EQUIPMENT <u>NOMENCLATURE</u>	PROCURING <u>APPROPRIATION</u>	FISCAL YEAR APPROPRIATION <u>OR REQUESTED</u>	COST  <u>(\$000)</u>
TELECOM	OMNG	FY 03	15
KITCHEN EQUIPMENT	OMNG	FY 03	35
J-SIDS	OPA	FY 03	10
PREWIRED WORK STATIONS	OMNG	FY 03	20
PHYSICAL FITNESS EQUIP	OMNG	FY 03	10
FURNITURE	OMNG	FY 03	23
TOTAL			113

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE <b>Jun 01</b>	
3. INSTALLATION AND LOCATION <b>GULFPORT, MISSISSIPPI</b>				4. AREA CONSTR COST INDEX  <b>0.87</b>		
5. FREQUENCY AND TYPE OF UTILIZATION <b>NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.</b>						
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS						
<b>ARNG</b>	<b>Biloxi, Mississippi</b>	<b>15 MILES</b>	<b>ARMORY</b>	<b>13,880 SF</b>	<b>1971</b>	
<b>ARNG</b>	<b>Gulfport, Mississippi</b>	<b>05 MILES</b>	<b>AVCRAD</b>	<b>120,000 S</b>	<b>1955</b>	
<b>ARNG</b>	<b>Ocean Springs, Mississippi</b>	<b>22 MILES</b>	<b>ARMORY</b>	<b>10,150 S</b>	<b>1960</b>	
7. PROJECTS REQUESTED IN THIS PROGRAM						
CATEGORY <u>CODE</u>		<u>PROJECT TITLE</u>	<u>SCOPE</u>	COST <u>(\$000)</u>	DESIGN STATUS <u>START</u>	<u>COMPLETE</u>
<b>171</b>		<b>READINESS CENTER</b>	<b>4,720 SM</b> <i>50,811 SF</i>	<b>9,145</b>	<b>3/00</b>	<b>12/00</b>
8. JOINT SERVICE RESERVE COMPONENT FACILITIES BOARD RECOMMENDATION <b>FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE JOINT SERVICE RESERVE COMPONENTS FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.</b>						
					<b>16 Nov 99</b> Date	
9. LAND ACQUISITION REQUIRED						
<b>Yes</b>				<b>20</b> <i>(Number of acres)</i>		
10. PROJECTS PLANNED IN NEXT FOUR YEARS <b>NONE</b>						
<b>RPM BACKLOG (\$000): \$0</b>						
<b>"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."</b>						

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
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3. INSTALLATION AND LOCATION  
GULFPORT, MISSISSIPPI

11. PERSONNEL STRENGTH AS OF: 19 OCT 98

	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	17	4	13	0	220	17	203
ACTUAL	16	3	13	0	194	13	181
Percentage = 88.18%							

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
890th ENGINEER BN UIC: WP7DT0      TPSN: 0204914 MTOE: S05115H300	220	194

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
WHEELED	32	32
TRAILERS	20	20
TRACKED	0	0
EQUIPMENT > 30-FT	0	0
FUEL & M977 HEMMT	2	2
HEMTT PLS/HET	2	2

\* REMAINING VEHICLES ARE LOCATED AT MATES

14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

	<u>(\$000)</u>
A. AIR POLLUTION	NONE
B. WATER POLLUTION	NONE
C. OCCUPATIONAL SAFETY AND HEALTH	NONE

1. COMPONENT ARNG		<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01		
3. INSTALLATION AND LOCATION GULFPORT, MISSISSIPPI				4. PROJECT TITLE READINESS CENTER			
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 171	7. PROJECT NUMBER 280267		8. PROJECT COST 9145		
9. COST ESTIMATES							
ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>							<b>6,578</b>
READINESS CENTER				SM	4,692	1,399	(6566)
				SF	50,511	130	-
FLAMMABLE MATs STORAGE				SM	14	431	(6)
				SF	150	40	-
CONTROLLED WASTE FACILITY				SM	14	431	(6)
				SF	150	40	-
FORCE PROTECTION				LS	-	-	(0)
<b>SUPPORTING FACILITIES</b>							<b>1,878</b>
SITE PREPARATION				LS	-	-	(250)
WORKSTATIONS				LS	-	-	(220)
PROPERTY PURCHASE				LS	-	-	(300)
FINE GRADING & SEEDING				LS	-	-	(70)
PLANTING				LS	-	-	(45)
RIGID PAVING				SM	3,670	90	(329)
				SY	4,390	75	-
FLEXIBLE PAVING				SM	6,154	55	(339)
				SY	7,360	46	-
FENCING				M	243	82	(20)
				LF	796	25	-
SIDEWALKS				SM	167	161	(27)
				SF	1,800	15	-
FLAGPOLE				LS	-	-	(8)
EXTERIOR FIRE PROTECTION				LS	-	-	(35)
DETACHED FACILITY SIGN				LS	-	-	(5)
OUTSIDE LIGHTING				LS	-	-	(60)
FUEL STORE & DISPENSING SYS				LS	-	-	(50)
WASH PLATFORM				LS	-	-	(55)
UTIL'S:WATER/SEWER/GAS/ELEC				LS	-	-	(65)
<b>SUBTOTAL</b>							<b>8,456</b>
CONTINGENCY (5%)							(423)
<b>TOTAL CONTRACT COST</b>							<b>8,879</b>
SUPERVISION, INSPECTION & OVERHEAD (3%)							(266)
<b>FEDERAL REQUEST</b>							<b>9,145</b>
STATE SHARE							(0)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)							(82)
<p>A specially designed readiness center of permanent masonry type construction, brick and concrete block units with concrete floors, and a standing seam metal roof. A one or two-story structure with mechanical and electrical equipment and prewired work stations. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platform, fuel storage &amp; dispensing system, helipad, and flagpole. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.</p>							

AIR CONDITIONING

45 TONS



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION GULFPORT, MISSISSIPPI		
4. PROJECT TITLE READINESS CENTER	5. PROJECT NUMBER 280267	
11. REQUIREMENT: <u>4,720</u> SM <u>50,811</u> SF ADEQUATE: <u>NA</u> SM <u>SF</u> SUBSTANDARD: <u>1,858</u> SM <u>20,000</u> SF		
<p><b>PROJECT:</b> This project is to provide a 220-person readiness center of permanent type construction to serve the peace time missions of the assigned unit. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. The site of the project is on state land. (Current Mission)</p> <p><b>REQUIREMENT:</b> A 4,720 SM (50,811 SF) readiness center is required to adequately provide the units housed in this facility with administrative, supply, classroom, locker, latrine, and kitchen space.</p> <p><b>CURRENT SITUATION:</b> The individuals, assigned to this facility drill in an overcrowded and substandard facility. The current facility is over 50 years old and is substandard. Additionally in September of 1998 Hurricane George struck the Gulf Coast of Mississippi. The exterior walls have cracked, giving way to movement in the masonry wall. Water has also caused the slab to settle 5 to 6 inches which has led to upward movement towards the center resulting in cracks and unevenness at expansion joints. These conditions coupled with the already poor condition of the facility has left the building unsuitable and hazardous.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The units' ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the proper facilities that they critically need.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 August 1998 and Design Guide 415-1 dated 1 June 1997. The most similar DoD standards do not address all of the current criteria incorporated in the (project type) design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>		
AT/FP POC: LTC WILLIAM R. LINDSLEY/(601) 313-6193 CFMO: DONALD M. WINDHAM/(601) 313-6230		

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
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3. INSTALLATION AND LOCATION GULFPORT, MISSISSIPPI
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4. PROJECT TITLE READINESS CENTER	5. PROJECT NUMBER 280267
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12. SUPPLEMENTAL DATA:

a. ESTIMATED DESIGN DATA:

(1) STATUS:

(a) DATE DESIGN STARTED.....	3/00
(b) PERCENT COMPLETE AS OF JANUARY 2001 .....	0%
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....	6/00
(d) DATE DESIGN COMPLETE.....	12/00
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....	NO
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.	

(2) BASIS:

(a) STANDARD OR DEFINITIVE DESIGN - YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>
(b) WHERE DESIGN WAS MOST RECENTLY USED	<input type="checkbox"/> NA		

(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e): (\$000)

(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....	(507.4)
(b) ALL OTHER DESIGN COSTS.....	(253.7)
(c) TOTAL.....	761.1
(d) CONTRACT..... 9%	(761.1)
(e) IN-HOUSE.....	(0.0)

(4) CONSTRUCTION START 11/01

(5) CONSTRUCTION COMPLETION DATE 2/03  
*(month and year)*

b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATION OR REQUESTED	COST (\$000)
TELCOM	OMNG	FY 02	15
KITCHEN EQUIPMENT	OMNG	FY 02	35
J-SIIDS	OMNG	FY 02	10
PHYSICAL FITNESS EQUIP	OMNG	FY 02	10
FURNITURE	OMNG	FY 02	12
TOTAL			82

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>JUN 01</b>			
3. INSTALLATION AND LOCATION  <b>KALISPELL, MONTANA</b>		4. AREA CONSTR COST INDEX  <b>1.15</b>			
5. FREQUENCY AND TYPE OF UTILIZATION <b>NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY UNIT TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.</b>					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
<b>ARNG</b>	<b>KALISPELL</b>	<b>1 MILE</b>	<b>OMS</b>	<b>9,688 SF</b>	<b>1988</b>
<b>USAR</b>	<b>KALISPELL</b>	<b>8 MILES</b>	<b>RESERVE CENTER</b>	<b>13,258 SF</b>	<b>1953</b>
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u>	<u>DESIGN STATUS</u>	
<u>CODE</u>			<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>
<b>17180</b>	<b>READINESS CENTER ADDITION</b>	<b>914 SM 9,836 SF</b>	<b>822</b>	<b>09/01</b>	<b>01/02</b>
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION					
<b>FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.</b>					<b>9 MAR 01</b> <u>Date</u>
9. LAND AQUISITION REQUIRED					
<b>NONE</b>					<b>0</b> <i>(Number of acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<b>NONE</b>					
  <b>RPM BACKLOG (\$000): \$266.5</b>					
  <b>"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."</b>					

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE JUN 01
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3. INSTALLATION AND LOCATION  
  
KALISPELL, MONTANA

11. PERSONNEL STRENGTH AS OF: 26 MAY 00

	<u>PERMANENT</u>			<u>CIVILIAN</u>	<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>		<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	11	2	9	0	127	15	112
ACTUAL	11	2	9	0	102	15	87
				PERCENTAGE	80%		

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
639TH QUARTERMASTER SUPPLY COMPANY (-) UIC: WPRHAA TSPN: 31168 MTOE: 42447LNG01	79	64
HEADQUARTERS AND HEADQUARTERS DETACHMENT 495TH TRANSPORTATION MOTOR TRANSPORT BATTALION UIC: WPNBAA TSPN: 35557 MTOE: 55716LNG01	48	38
TOTAL	127	102

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED*</u>
WHEELED	0	0
TRAILERS	0	0
TRACKS	0	0
EQUIPMENT > 30 FT	0	0
FUEL & M977 HEMMT	0	0
HEMMT PLS/HET	0	0
	0	0

\* Parking covered under PN 300109

14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)

A. AIR POLLUTION	NONE
B. WATER POLLUTION	NONE
C. OCCUPATIONAL SAFETY AND HEALTH	NONE

1. COMPONENT ARNG	<b>FY2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE JUN 01
3. INSTALLATION AND LOCATION KALISPELL, MONTANA			4. PROJECT TITLE READINESS CENTER ADD	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 300117A	8. PROJECT COST (000) 822	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>761</b>
ARMORY ADDITION	SM	643	1,184	(761)
	SF	6,919	110.0	-
ARMORY ALTERATION	SM	-	-	-
	SF	-	-	-
FORCE PROTECTION	LS	-	-	-
ENERGY MANAGEMENT CONTROL SYSTEM	LS	-	-	-
<b>SUPPORTING FACILITIES</b>				<b>0</b>
SITE PREPARATION	LS	-	-	-
FINE GRADING & SEEDING	LS	-	-	-
PLANTING	LS	-	-	-
RIGID PAVING	SM	-	-	-
	SY	-	-	-
FLEXIBLE PAVING	SM	-	-	-
	SY	-	-	-
FENCING	M	-	-	-
	LF	-	-	-
SIDEWALKS	SM	-	-	-
	SF	-	-	-
FLAGPOLE	LS	-	-	-
EXTERIOR FIRE PROTECTION	LS	-	-	-
DETACHED FACILITY SIGN	LS	-	-	-
OUTSIDE LIGHTING	LS	-	-	-
UNHEATED METAL STORAGE	SM	-	-	-
	SF	-	-	-
UTIL'S:WATER/SEWER/GAS/ELEC	LS	-	-	-
<b>SUBTOTAL</b>				<b>761</b>
CONTINGENCY (5%)				(38)
<b>TOTAL CONTRACT COST</b>				<b>799</b>
SUPERVISION, INSPECTION & OVERHEAD (3%)				(23)
<b>TOTAL FEDERAL REQUEST</b>				<b>822</b>
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Addition to existing armory. Construction consists of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A one-story structure with mechanical and electrical equipment. No outside supporting facilities, to include military and privately-owned vehicle parking, fencing, sidewalks, access roads, detached facility sign, wash platform, fuel storage &amp; dispensing system, or flagpole, are required. 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. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and heating and ventilation systems.</p>				
Air Conditioning - 0 TONS				

1. COMPONENT ARNG	<b>F2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE JUN 01
3. INSTALLATION AND LOCATION KALISPELL, MONTANA		
4. PROJECT TITLE READINESS CENTER ADD	5. PROJECT NUMBER 300117A	
<p>11. REQUIREMENT: <u>3,591</u> SM <u>38,652</u> SF ADEQUATE: <u>1,413</u> SM <u>15,207</u> SF SUBSTANDARD: <u>0</u> SM <u>0</u> SF</p> <p><b>PROJECT:</b> The addition of 6890 SF permanent masonry construction to an existing substandard armory, and supporting facilities of 2944 SF unheated storage, plus the alteration of 0 SF, as indicated above. Location is on a 16 acre State-owned site (New Mission).</p> <p><b>REQUIREMENT:</b> An addition/alteration is required to adequately provide the units housed in this facility with administrative, supply, classroom, and kitchen space required to achieve proficiency in required training tasks. Requirement based on addition of Army National Guard Division Redesign Study (ADRS) unit to existing force structure. The requirement listed above (38,652 SF) minus the adequate (15,207 SF) does not equal the amount of space ADRS will support. ADRS is not a get well program for the National Guard, and therefore does not support the full shortage (13,611 SF) of space requirements.</p> <p><b>CURRENT SITUATION:</b> The existing armory was not designed to accommodate the force structure increase inherent with the addition of ADRS unit. This has resulted in an increase in personnel, equipment, and training requirements. The facility is inadequate to fully support the assigned units due to the lack of adequate storage, administrative space and training area.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The units will be unable to meet the requirements of their new mission and will lack the ability to meet readiness, recruiting and retention, and training objectives. Delays in the funding of this project will force the use of an inadequately sized facility and will result in a negative impact on troop readiness and morale. The lack of proper and adequate training, storage and administrative areas will impair the attainment of required mobilization readiness levels.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of Draft National Guard Pamphlet 415-12, 1 July 2000, and Design Guide 415-1, 1 January 2000. The most similar DoD standards for armory construction do not address all of the current criteria incorporated in the National Guard Armory design and thus do not yield accurate cost estimates. Therefore, State historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>		
AT/FP POC: SFC BOB KUNTZ/406-841-3165		CFMO: COL ALLAN STRICKER/406-841-3101

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>JUN 01</b>	
3. INSTALLATION AND LOCATION <b>KALISPELL, MONTANA</b>			
4. PROJECT TITLE <b>READINESS CENTER ADD</b>	5. PROJECT NUMBER <b>300117A</b>		
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED	<u>09/01</u>		
(b) PERCENT COMPLETE AS OF 1 JANUARY 2001	<u>NA</u>		
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE	<u>11/01</u>		
(d) DATE DESIGN COMPLETE	<u>01/02</u>		
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS	<u>NO</u>		
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES _____	NO <u>X</u>		
(b) WHERE DESIGN WAS MOST RECENTLY USED	<u>NA</u>		
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e):			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS	<u>(\$000)</u> <u>( 0 )</u>		
(b) ALL OTHER DESIGN COSTS	<u>( 0 )</u>		
(c) TOTAL	<u>74.0</u>		
(d) CONTRACT 9%	<u>(74.0)</u>		
(e) IN-HOUSE	<u>( 0 )</u>		
(4) CONSTRUCTION START			
	<u>03/01</u>		
(5) CONSTRUCTION COMPLETION DATE			
	<u>03/02</u>		
	<small>(MONTH AND YEAR)</small>		
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
<u>EQUIPMENT</u> NOMENCLATURE	<u>PROCURING</u> APPROPRIATION	<u>FISCAL YEAR</u> APPROPRIATION OR REQUESTED	<u>COST</u> (\$000)
NONE			

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>			
3. INSTALLATION AND LOCATION <b>AASF, CONCORD AIRPORT, CONCORD, NH</b>		4. AREA CONSTR COST INDEX <b>1.06</b>			
5. FREQUENCY AND TYPE OF UTILIZATION <b>NORMAL ADMINISTRATION/UNIT LEVEL AND INTERMEDIATE LEVEL AVIATION MAINTENANCE, FIVE DAYS/WEEK WITH TWO DAY WEEKEND TRAINING ASSEMBLY TWO TIMES PER MONTH.</b>					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS					
<b>ARNG</b>	<b>CONCORD</b>	<b>0.5 MILES</b>	<b>ARMORY</b>	<b>33,713 SF</b>	<b>1961</b>
<b>ARNG</b>	<b>MANCHESTER</b>	<b>14.3 MILES</b>	<b>ARMORY</b>	<b>99151 SF</b>	<b>1937</b>
<b>ARNG</b>	<b>FRANKLIN</b>	<b>17.3 MILES</b>	<b>ARMORY</b>	<b>14,729 SF</b>	<b>1965</b>
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY</u> <u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u> <u>(\$000)</u>	<u>DESIGN STATUS</u>	
21110	ARMY AVIATION SUPPORT FACILITY	9,875 106,299	27,185	START Nov-99	COMPLETE Jul-01
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE / EXPANSION. THE NH BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION. <span style="float: right;">7 JUN 2000</span>					
Date					
9. LAND ACQUISITION REQUIRED					
<b>NONE</b>					
<u>26.66 +/-</u> <i>(Number of acres)</i>					
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<u>FY</u>	<u>LOCATION</u>	<u>PROJECT TITLE</u>	<u>ESTIMATED COST (\$000)</u>		
02	CONCORD, NH	USPFO OFFICE ADDITION	\$1,500		
02	CONCORD, NH	STARC READINESS CENTER	\$3,100		
RPM BACKLOG (\$000) \$0					
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."					



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE Jun 01																																	
3. INSTALLATION AND LOCATION AASF, CONCORD AIRPORT, CONCORD, NH																																						
11. PERSONNEL STRENGTH AS OF: 25 AUG 2000 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="4" style="text-align: center;"><u>PERMANENT</u></th> <th colspan="3" style="text-align: center;"><u>GUARD/RESERVE</u></th> </tr> <tr> <th style="text-align: center;"><u>TOTAL</u></th> <th style="text-align: center;"><u>OFFICER</u></th> <th style="text-align: center;"><u>ENLISTED</u></th> <th style="text-align: center;"><u>CIVILIAN</u></th> <th style="text-align: center;"><u>TOTAL</u></th> <th style="text-align: center;"><u>OFFICER</u></th> <th style="text-align: center;"><u>ENLISTED</u></th> </tr> </thead> <tbody> <tr> <td>AUTHORIZED</td> <td style="text-align: center;">51</td> <td style="text-align: center;">6</td> <td style="text-align: center;">1</td> <td style="text-align: center;">44</td> <td style="text-align: center;">114</td> <td style="text-align: center;">31</td> <td style="text-align: center;">83</td> </tr> <tr> <td>ACTUAL</td> <td style="text-align: center;">26</td> <td style="text-align: center;">4</td> <td style="text-align: center;">1</td> <td style="text-align: center;">21</td> <td style="text-align: center;">100</td> <td style="text-align: center;">26</td> <td style="text-align: center;">74</td> </tr> </tbody> </table> <p style="text-align: right;">PERCENTAGE : 87.7%</p>									<u>PERMANENT</u>				<u>GUARD/RESERVE</u>			<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	AUTHORIZED	51	6	1	44	114	31	83	ACTUAL	26	4	1	21	100	26	74
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>																																	
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1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01
3. INSTALLATION AND LOCATION AASF, CONCORD AIRPORT, CONCORD, NH			4. PROJECT TITLE ARMY AVIATION SUPPORT FACILITY	
5. PROGRAM ELEMENT 050896A	6. CATEGORY CODE 21110	7. PROJECT NUMBER 330028	8. PROJECT COST 27,185	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT	COST (\$000)
<b>Primary Facility</b>				<b>16,314</b>
Hangar, Operation & Maintenance	<b>SM</b>	9076		
	<i>SF</i>	95987		
Aircraft Operations Building	<i>SF</i>	31640	153	4,841
Hanger, High Bay	<i>SF</i>	33141	172	5,700
Hanger, Maintenance/General Purpose	<i>SF</i>	31206	132	4,119
Fuel Truck & Ground Support Equipment Building	<b>SM</b>	813		
	<i>SF</i>	10312	132	1,361
Energy Management & Control System	<i>LS</i>			226.1
Force Protection/Anti-Terrorism	<i>LS</i>			66.6
<b>SUPPORTING FACILITIES</b>				<b>8,822</b>
SITE PREPARATION	<i>LS</i>			1,299
FINE GRADING & SEEDING	<i>LS</i>			182
DRAINAGE	<i>LS</i>			1,090
RIGID PAVING	<b>SM</b>	54943		
	<i>SY</i>	65714	65	4,271
FLEXIBLE PAVING	<b>SM</b>	10251		
	<i>SY</i>	12260	42	515
FENCING & GATES	<b>M</b>	1230		
	<i>LF</i>	4037	36	146
FUEL STORAGE & DISPENSING SYSTEM	<i>LS</i>			415
AIRFIELD LIGHTING	<i>LS</i>			196
WATER,SEWER, GAS, ELECTRIC	<i>LS</i>			471
SIGN	<i>LS</i>			5.8
LOCKERS	<i>EA</i>	135	315	43
AISLE LOCKERS/STORAGE	<i>EA</i>	70	315	22
MAINTENANCE WORK BENCHES	<i>LS</i>			63
FLAGPOLE	<i>LS</i>			12
EXTERIOR FIRE PROTECTION	<i>LS</i>			27
FORCE PROTECTION/ANTI-TERRORISM	<i>LS</i>			64.0
<b>SUBTOTAL</b>				<b>25,136</b>
<b>CONTINGENCY 5%</b>				<u>1,257</u>
<b>SUBTOTAL</b>				<b>26,393</b>
<b>SUPERVISION, INSPECTION &amp; OVERHEAD 3%</b>				<u>792</u>
<b>TOTAL PROJECT</b>				<b>27,185</b>
EQUIPMENT PROVIDED FROM OTHER FEDERAL APPROPRIATION				621.9
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Specifically designed Aviation Facility of permanent brick masonry and construction with built-up roof, concrete floors, mechanical and electrical equipment, partitions of masonry block. Supporting facilities of rigid paving for hanger apron, aircraft parking, hover lanes and taxiways, runup apron and service drive. Flexible paving for access drive, civilian parking, taxiway and apron shoulders. Fuel truck &amp; GSE building. Fuel storage and dispensing system. Includes Aviation Life Support Equipment (ALSE) lockers, personnel, storage lockers, and maintenance work benches. Cost effective energy conserving features will be incorporated into design, including energy management control system and high efficiency motors, lighting and HVAC systems.</p> <p>Air Conditioning - 56 Tons</p>				





1. ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01	
3. INSTALLATION AND LOCATION AASF, CONCORD AIRPORT, CONCORD, NH			
4. PROJECT TITLE ARMY AVIATION SUPPORT FACILITY		5. PROJECT NUMBER 330028	
12. SUPPLEMENTAL DATA:			
A. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(A) DATE DESIGN STARTED		Nov-99	
(B) PERCENT COMPLETE AS OF JANUARY 2000		10%	
(C) DATE DESIGN EXPECTED TO BE 35% COMPLETED		Aug-00	
(D) DATE DESIGN COMPLETE		Jul-01	
(E) PARAMETRIC COSTS USED TO DEVELOP COSTS		NO	
(F) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.		YES	
(2) BASIS			
(A) STANDARD OR DEFINITIVE DESIGN	- YES___	NO <u>X</u>	
(B) WHERE DESIGN WAS MOST RECENTLY USED		- N/A	
(3) TOTAL COST (C) = (A) + (B) OR (D) + (E):			
		2,262	
(A) PRODUCTION PLANS AND SPECIFICATIONS		1,508	
(B) ALL OTHER DESIGN COSTS		754	
(C) TOTAL		2,262	
(D) CONTRACT	@9%	2,262	
(E) IN HOUSE		0	
REPRODUCTION OF PLANS AND SPECIFICATIONS		15	
(4) CONSTRUCTION START			
		Dec-01	
(5) CONSTRUCTION COMPLETE			
		Jul-03	
B. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS:			
EQUIPMENT <u>NOMENCLATURE</u>	PROCURING <u>APPROPRIATION</u>	FISCAL YEAR <u>APPROPRIATED OR REQUESTED</u>	COST <u>(\$000)</u>
2 TRUCKS W/PLOWS	OPA	FY 03	259.2
2 TRACTOR MOWERS	OPA	FY 03	43.2
TELECOMMUNICATIONS	OMNG	FY 03	86.2
PREWIRED ADMIN WORKSTATIONS	OMNG	FY 03	62.9
OFFICE FURNITURE			
CLASSROOM/TRAINING/ LEARNING FURNITURE	OMNG	FY 03	170.4
TOTAL			621.9

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE <b>Jun 01</b>		
3. INSTALLATION AND LOCATION <b>STATE MILITARY RESERVATION, CONCORD, NH</b>				4. AREA CONSTR COST INDEX <b>1.05</b>		
5. FREQUENCY AND TYPE OF UTILIZATION <b>NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.</b>						
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS						
ARNG	CONCORD	0.0 MILES	ARMORY	33,713 SF	1961	
ARNG	MANCHESTER	13.8 MILES	ARMORY	99,151 SF	1937	
ARNG	FRANKLIN	16.8 MILES	ARMORY	14,729 SF	1965	
7. PROJECTS REQUESTED IN THIS PROGRAM						
CATEGORY		COST		DESIGN STATUS		
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>	
17180	ADD/ALT READINESS CENTER	2,914 SM	1,868	08/01	09/01	
		31,372 SF				
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION <b>FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.</b>						
					<b>2 JUN 99</b>	<u>Date</u>
9. LAND ACQUISITION REQUIRED <b>NONE</b>						
					<b>0</b>	<i>(Number of acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS						
<u>FY</u>	<u>LOCATION</u>	<u>PROJECT TITLE</u>	<u>ESTIMATED COST (\$000)</u>			
05	CONCORD, NH	USPFO OFFICE ADDITION	\$1,500			
<b>RPM BACKLOG (\$000):</b>		<b>\$0</b>				
<b>"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."</b>						

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
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3. INSTALLATION AND LOCATION  
  
STATE MILITARY RESERVATION, CONCORD, NH

11. PERSONNEL STRENGTH AS OF 15-Nov-99

	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	17	5	12	60	216	88	128
ACTUAL	17	5	12	60	198	86	112
percentage =					92%		

12. RESERVE UNIT DATA

<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>	
	<u>AUTHORIZED</u>	<u>ACTUAL</u>
HQ STARC (-54TH TC & DET 2 & 3) UIC: W8BHAA    TPSN: 46751    TDA: NGW8BHAA	211 *	196
DET 3, HQ STARC (SEL SVC) UIC: W8BHA3    TPSN: 46751    TDA: NGW8BHAA	5	2

13. MAJOR EQUIPMENT AND AIRCRAFT

<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>
WHEELED	8	8
TRAILERS	0	0
TRACKED	0	0 *
EQUIPMENT > 30-FT	0	0
FUEL & M977 HEMMT	0	0
HEMTT PLS/HET	0	0

14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)

	<u>(\$000)</u>
A. AIR POLLUTION	NONE
B. WATER POLLUTION	NONE
C. OCCUPATIONAL SAFETY AND HEALTH	NONE

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01
3. INSTALLATION AND LOCATION STATE MILITARY RESERVATION, CONCORD, NH			4. PROJECT TITLE ADD/ALT READINESS CENTER	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 17180	7. PROJECT NUMBER 330002	8. PROJECT COST 1,868	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>1,793</b>
READINESS CENTER ADDITION	SM	1,164	721	(839)
	SF	12,530	67	-
READINESS CENTER ALTERATION/REHAB	SM	1,750	431	(754)
	SF	18,842	40	-
FORCE PROTECTION	LS	-	-	(50)
ENERGY MANAGEMENT CONTROL SYSTEM	LS	-	-	(150)
<b>SUPPORTING FACILITIES</b>				<b>555</b>
SITE PREPARATION	LS	-	-	(46)
FINE GRADING & SEEDING	LS	-	-	(9)
PLANTING	LS	-	-	(1)
RIGID PAVING	SM	372	36	(13)
	SY	444	30	-
FLEXIBLE PAVING	SM	12,120	18	(217)
	SY	14,496	15	-
FENCING	M	91	46	(4)
	LF	298	14	-
SIDEWALKS	SM	549	13	(7)
	SF	1,800	4	-
FLAGPOLE	LS	-	-	(5)
EXTERIOR FIRE PROTECTION	LS	-	-	(25)
DETACHED FACILITY SIGN	LS	-	-	(3)
OUTSIDE LIGHTING	LS	-	-	(75)
FUEL STORE & DISPENSING SYS	LS	-	-	(80)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	-	-	(70)
<b>SUBTOTAL</b>				<b>2,348</b>
CONTINGENCY (5%)				117
<b>TOTAL CONTRACT COST</b>				<b>2,465</b>
SUPERVISION, INSPECTION & OVERHEAD (3%)				74
<b>FEDERAL REQUEST</b>				<b>1,868</b>
STATE SHARE				(672)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(255)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Addition, Alteration/Rehab of former AASF to a Readiness Center. Construction consists of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A two-story structure with mechanical and electrical equipment. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, and a detached facility sign. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.</p>				
Air Conditioning - 165 TONS				



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION STATE MILITARY RESERVATION, CONCORD, NH		
4. PROJECT TITLE ADD/ALT READINESS CENTER	5. PROJECT NUMBER 330002	
11. REQUIREMENT: <u>2,914 SM</u> <u>31,372 SF</u> ADEQUATE: <u>1,750 SM</u> <u>18,842 SF</u> SUBSTANDARD: <u>5,315 SM</u> <u>38,372 SF</u>		
<p><b>PROJECT:</b> Alteration/Rehab of 28,449 SF of the existing substandard Readiness Center (Formally AASF), plus the addition of 12,530 SF of permanent masonry construction, and supporting facilities, as stated above. Location is on a 43 acre State-owned site. (New Mission)</p> <p><b>REQUIREMENT:</b> An addition/alteration is required to adequately provide the unit housed in this facility with administrative, supply, classroom, and kitchen space required to achieve proficiency in required training tasks.</p> <p><b>CURRENT SITUATION:</b> The existing facility (Former AASF) was built in 1974 and is in need of an addition and alteration to meet current mission requirements. The location change and mission of the unit has resulted in an increase in personnel, equipment, and training requirements. The facility is inadequate to fully support the unit due to the lack of adequate storage, administrative space and training area.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The units will be unable to meet the requirements of its new mission and will lack the ability to meet its readiness, recruiting and retention, and training objectives. Delays in the funding of this project will force the use of an inadequately sized facility and will result in a negative impact on troop readiness and morale. The lack of proper and adequate training, storage and administrative areas will impair the attainment of required mobilization readiness levels.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer and no force protection/combatting terrorism measures other than those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-1 dated 1 June 1997. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p><b>JOINT USE CERTIFICATION:</b> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational</p>		
AT/FP POC: <u>SFC David Stevens (603)225-1242</u>		CFMO: <u>LTC Stephen C. Burritt/(603)-225-1239</u>

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>	
3. INSTALLATION AND LOCATION <b>STATE MILITARY RESERVATION, CONCORD, NH</b>			
4. PROJECT TITLE <b>ADD/ALT READINESS CENTER</b>	5. PROJECT NUMBER <b>330002</b>		
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....		<u>08/01</u>	
(b) PERCENT COMPLETE AS OF JANUARY .. 2001 .....		<u>35%</u>	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....		<u>01/01</u>	
(d) DATE DESIGN COMPLETE.....		<u>09/01</u>	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....		<u>NO</u>	
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.		<u>YES</u>	
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES	<u>          </u>	NO <u>  X  </u>	
(b) WHERE DESIGN WAS MOST RECENTLY USED	<u>          </u>	NA	
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e):			
	(\$000)		
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....		<u>140.9</u>	
(b) ALL OTHER DESIGN COSTS.....		<u>70.4</u>	
(c) TOTAL.....		<u>211.3</u>	
(d) CONTRACT..... 9% .....		<u>(211.3)</u>	
(e) IN-HOUSE.....		<u>( 0 )</u>	
(4) CONSTRUCTION START			
		<u>03/02</u>	
(5) CONSTRUCTION COMPLETION DATE			
		<u>12/03</u> <small>(MONTH AND YEAR)</small>	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
<u>EQUIPMENT</u> <u>NOMENCLATURE</u>	<u>PROCURING</u> <u>APPROPRIATION</u>	<u>FISCAL YEAR</u> <u>APPROPRIATION</u> <u>OR REQUESTED</u>	<u>COST</u> <u>(\$000)</u>
KITCHEN EQUIPMENT	OMNG	FY 03	50
J-SIIDS	OPA	FY 03	5
PREWIRED ADMIN WORKSTATIONS OFFICE FURNITURE	OMNG	FY 03	100
CLASSROOM/TRAINING LEARNING FURNITURE	OMNG	FY 03	<u>100</u>
		Total	255

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE <b>Jun 01</b>
3. INSTALLATION AND LOCATION <b>FORT DRUM, NEW YORK</b>				4. AREA CONSTR COST INDEX <b>1.10</b>	
5. FREQUENCY AND TYPE OF UTILIZATION Normal organization and direct support maintenance activities, to include administration functions five (5) days per week and up to four (4) training assemblies per month. In addition, this activity will provide support for ARNG units performing annual training (AT) at Fort Drum.					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
<b>ARNG</b>	<b>CARTHAGE</b>	<b>17 MILES</b>	<b>ARMORY</b>	<b>21,712 SF</b>	<b>1959</b>
<b>ARNG</b>	<b>FORT DRUM</b>	<b>0 MILES</b>	<b>MATES</b>	<b>74,283 SF</b>	<b>1963/64/81</b>
7. PROJECTS REQUESTED IN THIS PROGRAM					
<u>CATEGORY CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST (\$000)</u>	<u>START</u>	<u>DESIGN STATUS COMPLETE</u>
<b>21407</b>	Phase 1, Maneuver Area Training Equipment Site	<b>9,208 SM</b> <i>99,115 SF</i>	<b>17,000</b>	<b>May-00</b>	<b>Oct-01</b>
8. STATE GUARD/RESERVE FORCES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.					
					<b>14 Nov 00</b> Date
9. LAND ACQUISITION REQUIRED <b>NONE. 79+ ACRES AVAILABLE AT FORT DRUM FOR THIS PROJECT</b>					
					<b>0</b> <i>(Number of acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<u>FY</u>	<u>LOCATION</u>	<u>PROJECT TITLE</u>	<u>COST (\$000)</u>		
<b>03</b>	<b>Fort Drum</b>	<b>Phase 2, MATES, PN 360190A</b>	<b>\$16.005</b>		
<b>04</b>	<b>Fort Drum</b>	<b>Phase 3, MATES, PN 360191A</b>	<b>\$15.334</b>		
<b>04</b>	<b>Fort Drum</b>	<b>Armory (ADRS), PN 360195A</b>	<b>\$6.245</b>		
RPM BACKLOG (\$765,000): <b>FOR EXISTING MATES FACILITY IMPROVEMENTS, \$765,000</b>					
<b>"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."</b>					

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
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3. INSTALLATION AND LOCATION  
FORT DRUM, NEW YORK

11. PERSONNEL STRENGTH AS OF:		1 Mar 01					
		<u>PERMANENT</u>			<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED	331	0	0	331	19,370	1,473	17,897
ACTUAL	141	0	0	141	17,111	1,386	15,725
					Percentage = 88.34%		

12. RESERVE UNIT DATA		<u>STRENGTH</u>	
<u>NEW YORK UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>	
HHC(-) 42 ID (M) UIC: WPR7AA	268	249	
Det #2 HHC/MMC 42 DISCOM UIC: WPEPA2	9	17	
Det #1 HHB 42 ID DIVARTY UIC: WPFJA1	23	19	
	SUBTOTAL	300	285

13. MAJOR EQUIPMENT AND AIRCRAFT			
<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>	*
WHEELED	30	30	
TRAILERS	18	18	
TRACKED	1,132	1,132	
EQUIPMENT > 30-FT	0	0	
FUEL & M977 HEMMT	0	0	
HEMTT PLS/HET	0	0	
* Delta non-collated.			

14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)	
	<u>(\$000)</u>
A. AIR POLLUTION	NONE
B. WATER POLLUTION	NONE
C. OCCUPATIONAL SAFETY AND HEALTH	NONE

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
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3. INSTALLATION AND  
FORT DRUM, NEW YORK

11. PERSONNEL STRENGTH AS		<u>PERMANENT</u>			<u>GUARD/RESERVE</u>		
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED							
ACTUAL							

12. RESERVE UNIT		<u>STRENGTH</u>	
	<u>NEW YORK UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
1 Bn 69 IN (M) UIC: WPAQAA		813	682
1 Bn 101 CAV UIC: WPA3AA		607	559
102 Maint Co UIC: WQCEAA		212	196
SUBTOTAL		1632	1437

12. RESERVE UNIT		<u>STRENGTH</u>	
	<u>NEW YORK UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
Co A(-) 1 Bn 108 IN UIC: WPARA0		92	92
Det #1 Co A 1 Bn 108 IN UIC: WPARA1		39	38
1 Bn 127 AR UIC: WPATAA		607	529
SUBTOTAL		738	659

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01		
3. INSTALLATION AND  FORT DRUM, NEW YORK						
11. PERSONNEL STRENGTH AS						
		<u>PERMANENT</u>		<u>GUARD/RESERVE</u>		
<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED						
ACTUAL						
12. RESERVE UNIT						
			<u>STRENGTH</u>			
<u>NEW YORK UNIT DESIGNATION</u>			<u>AUTHORIZED</u>	<u>ACTUAL</u>		
133 Maint Co			210	162		
UIC: WQCQAA						
Co A(-) 152 EN Bn			67	49		
UIC: WPAWA0						
Co B 152 EN Bn			102	75		
UIC: WPAWB0						
			SUBTOTAL	379	286	
12. RESERVE UNIT						
			<u>STRENGTH</u>			
<u>NEW YORK UNIT DESIGNATION</u>			<u>AUTHORIZED</u>	<u>ACTUAL</u>		
Co C 152 EN Bn			102	90		
UIC: WPAWC0						
1 Bn 258 FA			638	558		
UIC: WPSRAA						
Co A 342 Fwd Spt Bn			65	68		
UIC: WRVWA0						
			SUBTOTAL	805	716	

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
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3. INSTALLATION AND  
  
FORT DRUM, NEW YORK

11. PERSONNEL STRENGTH AS								
			<u>PERMANENT</u>			<u>GUARD/RESERVE</u>		
<u>TOTAL</u>		<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>		<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED								
ACTUAL								

12. RESERVE UNIT			
<u>NEW YORK UNIT DESIGNATION</u>		<u>STRENGTH</u>	
		<u>AUTHORIZED</u>	<u>ACTUAL</u>
Co B 342 Fwd Spt Bn UIC: WRVWB0		267	183
Co C(-) 342 Fwd Spt Bn UIC: WRVWC0		55	66
Co B(-) 427 Spt Bn UIC: WRVVB0		127	125
		SUBTOTAL	449
			374

12. RESERVE UNIT			
<u>NEW YORK UNIT DESIGNATION</u>		<u>STRENGTH</u>	
		<u>AUTHORIZED</u>	<u>ACTUAL</u>
642 MI Bn UIC: WPA5AA		76	90
107 Support Group UIC: WQQVAA		232	229
		SUBTOTAL	308
			319

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND  FORT DRUM, NEW YORK		
11. PERSONNEL STRENGTH AS		
AUTHORIZED ACTUAL	<u>PERMANENT</u> <u>TOTAL OFFICER ENLISTED CIVILIAN</u>	<u>GUARD/RESERVE</u> <u>TOTAL OFFICER ENLISTED</u>
12. RESERVE UNIT		
<u>NEW YORK UNIT DESIGNATION</u>	<u>STRENGTH</u> <u>AUTHORIZED</u>	<u>ACTUAL</u>
HHD 342 FSB Bn UIC: WRVWTO	48	50
Co. B 342 FSB Bn UIC: WRVWBO	267	182
1 Bn 69 IN UIC: WPCJAO	813	644
SUBTOTAL	1128	876
12. RESERVE UNIT		
<u>NEW YORK UNIT DESIGNATION</u>	<u>STRENGTH</u> <u>AUTHORIZED</u>	<u>ACTUAL</u>
3 Bn 142 AVN UIC: WUATTO	121	106
HSC 427 SB Bn UIC: WRVVTO	180	173
Co. B(-) 427 SB Bn UIC: WRVVBO	48	50
SUBTOTAL	349	329



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01						
3. INSTALLATION AND  FORT DRUM, NEW YORK								
11. PERSONNEL STRENGTH AS								
		<u>PERMANENT</u>		<u>GUARD/RESERVE</u>				
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>		<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>
AUTHORIZED								
ACTUAL								
12. RESERVE UNIT								
		<u>STRENGTH</u>						
<u>NEW YORK UNIT DESIGNATION</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>					
HHC 3 Bde		85	91					
UIC: WPROAA								
<u>MASSACHUSETTS UNIT DESIGNATION</u>								
1 Bn 102 FA		524	470					
UIC: WPANMM								
SUBTOTAL		609	561					
12. RESERVE UNIT								
		<u>STRENGTH</u>						
<u>MASSACHUSETTS UNIT DESIGNATION</u>		<u>AUTHORIZED</u>	<u>ACTUAL</u>					
181 EN Bn		441	384					
UIC: WPC WMM								
1 Bn 101 FA		632	496					
UIC: WPFVMM								
1 Bn 182 IN		813	676					
UIC: WPFUMM								
SUBTOTAL		1886	1556					

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01																					
3. INSTALLATION AND  FORT DRUM, NEW YORK																							
11. PERSONNEL STRENGTH AS																							
<table style="width: 100%; border: none;"> <tr> <td style="width: 15%;"></td> <td style="width: 25%; text-align: center;"><u>PERMANENT</u></td> <td colspan="2" style="width: 55%; text-align: center;"><u>GUARD/RESERVE</u></td> </tr> <tr> <td></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;"><u>CIVILIAN</u></td> <td></td> </tr> <tr> <td>AUTHORIZED</td> <td></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> </tr> <tr> <td>ACTUAL</td> <td></td> <td style="text-align: center;"><u>ENLISTED</u></td> <td></td> </tr> </table>					<u>PERMANENT</u>	<u>GUARD/RESERVE</u>			<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>			<u>CIVILIAN</u>		AUTHORIZED		<u>TOTAL</u>	<u>OFFICER</u>	ACTUAL		<u>ENLISTED</u>	
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>																					
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>																				
		<u>CIVILIAN</u>																					
AUTHORIZED		<u>TOTAL</u>	<u>OFFICER</u>																				
ACTUAL		<u>ENLISTED</u>																					
12. RESERVE UNIT																							
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	<u>STRENGTH</u>																						
<u>MASSACHUSETTS UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																					
101 EN Bn UIC: WPFVMM	441	370																					
272 Chem Co UIC: WVQSMM	153	102																					
<u>PENNSYLVANIA UNIT DESIGNATION</u>																							
3 Bn 103 AR UIC: WPESPM	607	502																					
SUBTOTAL		1201	974																				
12. RESERVE UNIT																							
<table style="width: 100%; border: none;"> <tr> <td style="width: 60%;"></td> <td colspan="3" style="text-align: center;"><u>STRENGTH</u></td> </tr> <tr> <td style="text-align: center;"><u>PENNSYLVANIA UNIT DESIGNATION</u></td> <td style="text-align: center;"><u>AUTHORIZED</u></td> <td colspan="2" style="text-align: center;"><u>ACTUAL</u></td> </tr> </table>					<u>STRENGTH</u>			<u>PENNSYLVANIA UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>													
	<u>STRENGTH</u>																						
<u>PENNSYLVANIA UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>																					
1 Bn 109 FA UIC: WPGQPM	638	505																					
1 Bn 213 ADA UIC: WVD1PM	664	537																					
55 Bde UIC: WXBBPM	85	82																					
SUBTOTAL		1387	1124																				



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01	
3. INSTALLATION AND  FORT DRUM, NEW YORK			
11. PERSONNEL STRENGTH AS			
<u>PERMANENT</u>		<u>GUARD/RESERVE</u>	
AUTHORIZED ACTUAL	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
12. RESERVE UNIT			
<u>VERMONT UNIT DESIGNATION</u>		<u>STRENGTH</u>	
		<u>AUTHORIZED</u>	<u>ACTUAL</u>
186 Fwd Spt Bn WV53VM		418	376
<u>NEW JERSEY UNIT DESIGNATION</u>			
Btry D 112 FA UIC: WPEOAM		106	144
		SUBTOTAL	520
12. RESERVE UNIT			
<u>NEW JERSEY UNIT DESIGNATION</u>		<u>STRENGTH</u>	
		<u>AUTHORIZED</u>	<u>ACTUAL</u>
3 Bn 112 FA UIC: WPE2AM		665	629
2 Bn 113 IN UIC: WPE6AM		813	689
1 Bn 114 IN UIC: WPE7AM		813	643
		SUBTOTAL	1961

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01	
3. INSTALLATION AND  FORT DRUM, NEW YORK			
11. PERSONNEL STRENGTH AS			
		<u>PERMANENT</u>	
AUTHORIZED ACTUAL	<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>	<u>CIVILIAN</u>
		<u>GUARD/RESERVE</u>	
		<u>TOTAL</u>	<u>OFFICER</u> <u>ENLISTED</u>
12. RESERVE UNIT			
		<u>STRENGTH</u>	
	<u>NEW JERSEY UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
	5 Bn 117 CAV UIC: WPE9AM	584	473
	50 Bde 42 ID UIC: WPEKAM	85	90
	50 Main Spt Bn UIC: WPERAM	917	1026
	SUBTOTAL	1586	1589
12. RESERVE UNIT			
		<u>STRENGTH</u>	
	<u>NEW JERSEY UNIT DESIGNATION</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u>
	2 Bn 102 AR UIC: WQM2AM	617	462
	250 Fwd Spt Bn UIC: WV51AM	434	518
	SUBTOTAL	1051	980

1. COMPONENT <b>ARNG</b>		<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01	
3. INSTALLATION AND LOCATION <b>FORT DRUM, NEW YORK</b>				4. PROJECT TITLE Phase 1, Maneuver Area Training Equipment Site		
5. PROGRAM ELEMENT <b>0505896A</b>		6. CATEGORY CODE <b>21407</b>	7. PROJECT <b>360189</b>		8. PROJECT COST (\$000) <b>17,000</b>	
9. COST ESTIMATES						
ITFM		U/M	PH I QUANTITY	UNIT COST	COST (\$000)	
<b>PRIMARY FACILITY</b>					<b>12,470</b>	
MATES BUILDING		SM	8,214.7	1431.6	(11,761)	
		SF	88,425	133.00		
FLAMMABLE MATs FACILITY		SM	0.0	0.0	(0)	
		SF	0	50.00		
CONTROLLED WASTE FACILITY		SM	0.0	0.0	(0)	
		SF	0	30.00		
UNHEATED METAL STORAGE BLD		SM	993.1	538.2	(535)	
		SF	10,690	50.00		
UNHEATED VEHICLES STORAGE SPACE		SM	0.0	0.0	(0)	
		SF	0	25		
FORCE PROTECTION		LS	-	100	(100)	
ENERGY MANAGEMENT CONTROL SYSTEM		LS	-	75	(75)	
<b>SUPPORTING FACILITIES</b>					<b>3,220</b>	
EXTERIOR FORCE PROTECTION		LS	0	50	(50)	
SITE PREPARATION		LS	-	1,486	(1,486)	
FINE GRADING & SEEDING		LS	-	75	(75)	
PLANTING (2% of Basic Building Cost)		LS	-	25	(25)	
RIGID PAVING		SM	4,571.0	101.7	(465)	
		SY	5,467	85		
FLEXIBLE PAVING		SM	3,749.9	41.9	(157)	
		SY	4,485	35		
FENCING		M	2067.8	65.6	(136)	
		LF	6,784	20		
SIDEWALKS		SM	167.2	161.5	(27)	
		SF	1,800	15		
WASH PLATFORM		LS	-	0	(0)	
DYNAMOMETER		LS	-	0	(0)	
FUEL STORAGE & DISPENSING SYSTEM		LS	-	0	(0)	
EXTERIOR LIGHTING		LS	-	75	(75)	
LUBE AND INSPECTION RAMP		LS	-	0	(0)	
LOAD RAMP		LS	-	0	(0)	
DETACHED FACILITY SIGN		LS	-	5	(15)	
FLAG POLE		LS	-	30	(30)	
EXTERIOR FIRE PROTECTION		LS	-	30	(30)	
UTIL'S:WATER/SEWER/GAS/ELEC		LS	-	700	(700)	
<b>SUBTOTAL</b>					<b>15,740</b>	
CONTINGENCY (5% X 15741)					787	
SUPERVISION, INSPECTION & OVERHEAD (3% X 15740.4)					472	
<b>TOTAL PROJECT REQUEST</b>					<b>17,000</b>	
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)					400	
10. DESCRIPTION OF PROPOSED CONSTRUCTION						
<p>Phase I: A specially designed MATES facility of permanent masonry and steel type construction, with built-up and sloped standing seam roof, concrete floors, energy efficient mechanical and radiant and hot water heating systems, electrical equipment, fire sprinkler system with required emergency power generator backup. Supporting facilities includes limited military vehicle parking and access roads and POV parking, security fencing, security lighting, loading ramp, flammable materials storage building, controlled waste handling facility, and sidewalks. Extension of electric, sewer, water and communication utilities on Fort Drum to the building site will be necessary. Typically this area required pier and grade beam foundations. Preliminary analysis indicates typical spread footing with some soil improvement. Actual foundation design will be determined during design. 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. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.</p>						
AIR CONDITIONING-		35 TONS				

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION FORT DRUM, NEW YORK		
4. PROJECT TITLE Phase 1, Maneuver Area Training Equipment Site		4. PROJECT NUMBER 360189
11. REQUIREMENT: <u>9,208</u> SM <u>99,115</u> SF ADEQUATE: <u>NA</u> SM <u>SF</u> SUBSTANDARD: <u>6,901</u> SM <u>74,283</u> SF		
<p><b>PROJECT:</b> Phase I will construct a portion of the total (all 3 phases) new 18,605 SM (200,271 SF) MATES facility and the infrastructure to support this facility. Phase I will be a specifically designed, one story building of permanent masonry and steel construction, brick and concrete units with a built-up and sloped standing seam metal roof system, maintenance bays, supply areas, overhead cranes and other lifting devices. A single story structure with mechanical and electrical equipment. Outside supporting facilities include limited military vehicle parking, POV parking, loading ramp, access roads, flagpole, detached facility sign and sidewalks. Because of the size and scope of the facility, it will be constructed in phases and will consist of several buildings on a 79 acre parcel of federally owned property located on Fort Drum.</p> <p><b>REQUIREMENT:</b> The complete (all 3 phases) 18,605 SM MATES facility is required to maintain equipment and issue/turn-in for peacetime training and ensure the equipment is prepared for mobilization. The MATES is an ARNG TDA maintenance facility which provides full-time DS and GS level support to ARNG (NY, PA, NJ, VT, MA) units. No other adequate facilities are available to support these units. The NYARNG Long Range Plan has evaluated and recommended that the MATES be collocated adjacent to the Fort Drum Central Vehicle Wash Facility. This collocation will save OPTEMPO dollars and many training hours a year by cutting five (5) round-trip miles per vehicle from the site to the training area. The new facility will be constructed on approximately 79+ acres of federal land.</p> <p><b>CURRENT SITUATION:</b> The current facility is obsolete and in poor condition, does not meet current building codes or criteria, and is 1/9th the size authorized to support the facility mission. The units supported by this facility have a required strength of 19,469 soldiers and a vehicle density of 1,132 combat vehicles, 30 wheeled vehicles and 18 trailers. The NYARNG operates a MATES from three (3) obsolete facilities. One is an extremely small (26,290 SF) facility built in 1981. This facility is totally undersized to support the required units with organizational and direct support maintenance. In addition the operates the former NJ MATES facilities. They consists of two (2) buildings. One was built in 1963 and is 30,918 SF, and the other was constructed in 1964 and comprises 17,075 SF. At the direction of NGB-ARL, all MATES activities at Fort Drum have been consolidated under control of the NYARNG effective 1 October 1999. These three (3) facilities are all undersized, in poor condition, and obsolete for performing maintenance on modern equipment such as M-1 tanks, M-2/3 Bradley Fighting vehicles, and the new generation trucks operated by the 10th Mt Div. By constructing a new, modern, state-of-the-art MATES at Fort Drum, the level of readiness of the supported units would increase, while positively affecting the working environment of the maintenance personnel assigned. The existing facilities are deficient in vehicle ventilation systems and other health and safety requirements such as ADA, and fire codes. The existing facility also presents several significant environmental problems. The lack of paving and improper drainage has resulted in an severe environmental hazard from oil and other fluids leaking from military vehicles into the ground. Another hazard is due to the extensive erosion caused by the vehicles and improper drainage off the site.</p>		

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION FORT DRUM, NEW YORK		
4. PROJECT TITLE Phase 1, Maneuver Area Training Equipment Site		4. PROJECT NUMBER 360189
11. REQUIREMENT: <u>9,208 SM</u> <u>99,115 SF</u> ADEQUATE: <u>NA</u> <u>SM</u> <u>SF</u> SUBSTANDARD: <u>224 SM</u> <u>2,415 SF</u>		
<p><b>IMPACT IF NOT PROVIDED:</b> If this new MATES is not constructed, the reserve component units supported by this activity will continue to suffer from a lower maintenance posture. These units will be deprived of technological improvements in vehicle maintenance because of a lack of adequate facility space in their existing facilities. The existing facilities at Fort Drum are totally inadequate and do not support the maintenance readiness goals of the supported units. Many of the units affected by this situation are high priority force support package (FSP) and enhanced brigade units of the 27th Infantry Brigade. The existing facilities are functionally obsolete and have major structural, roof, and environmental problems to include asbestos contamination. Our intent is to provide a modern, safe working environment in a state-of-the-art maintenance facility, thus increasing the NYARNG's and in fact all the units supported overall readiness posture. The construction will also consolidate the MATES activities from three (3) obsolete buildings to one (1) new location, while freeing up an old facility for other uses by Fort Drum. If this new facility is not constructed the ability of the supported units to train and prepare for mobilization will continue to be degraded.</p> <p><b>ADDITIONAL:</b> This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 July 2000 and Design Guide 415-2 dated 1 July 1997. The most similar DoD standards for logistics facility construction do not address all of the current criteria incorporated in the Army National Guard MATES design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p>This project has been coordinated with State's installation AT/FP plan. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively. Only protective measures required by regulation and ONLY the minimum standards required by the "Interim Department of defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>		
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AT/FP POC: James Rosencrans (518) 786-6161		CFMO: LTC Ray Shields (518) 786-4309



1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01	
3. INSTALLATION AND LOCATION FORT DRUM, NEW YORK			
4. PROJECT TITLE Phase 1, Maneuver Area Training Equipment Site		5. PROJECT NUMBER 360189	
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....		May-00	
(b) PERCENT COMPLETE AS OF JANUARY ... 2002 .....		100%	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....		Mar-01	
(d) DATE DESIGN COMPLETE.....		Oct-01	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....		NO	
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES	<u>          </u>	NO <u>  X  </u>	
(b) WHERE DESIGN WAS MOST RECENTLY USED		<u>          </u> NA	
(3) TOTAL COST (c) = (d) + (b): <span style="float: right;">(\$1,889.0)</span>			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS .....		<u>1,133.4</u>	
(b) ALL OTHER DESIGN COSTS .....		<u>755.6</u>	
(c) TOTAL .....		<u>1,889.0</u>	
(d) CONTRACT ..... 9% .....		<u>(1,889.0)</u>	
(e) IN-HOUSE .....		<u>(0.0)</u>	
(4) CONSTRUCTION START ..... <span style="float: right;">Apr-02</span>			
(5) CONSTRUCTION COMPLETION ..... <span style="float: right;">Jul-03</span> <i>(month and year)</i>			
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
<u>EQUIPMENT NOMENCLATURE</u>	<u>PROCURING APPROPRIATION</u>	<u>FISCAL YEAR APPROPRIATION OR REQUESTED</u>	<u>COST (\$000)</u>
COMMERCIAL IDS	OPA	FY 03	100
TELCOM	OMNG	FY 03	150
FURNITURE	OMNG	FY 03	150
		Total	<u>400</u>

1. COMPONENT ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE JUN 01
3. INSTALLATION AND LOCATION CINCINNATI, OHIO			INSNO= 39B20	4. AREA CONSTR COST INDEX 0.99
5. FREQUENCY AND TYPE OF UTILIZATION NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS				
ARNG	HAMILTON	15 MILES	ARMORY	27,687 SF 1981
ARNG	FELICITY	40 MILES	ARMORY	16,864 SF 1959
ARNG	MIDDLETOWN	45 MILES	ARMORY	27,711 SF 1948
7. PROJECTS REQUESTED IN THIS PROGRAM:				
CATEGORY			COST	DESIGN STATUS
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u> <u>CMPL</u>
171	READINESS CENTER	9,363 SM 100,788 SF	9,780	02/01 06/02
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.				
				20 APR 2001 (Date)
9. LAND ACQUISITION REQUIRED				
NONE			0 (Number of acres)	
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
CATEGORY			COST	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>	
NONE				
RPM BACKLOG (\$000):		2,280		
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."				

1. COMPONENT ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE JUN 01	
3. INSTALLATION AND LOCATION CINCINNATI, OHIO                      INSNO= 39B20					
11. PERSONNEL STRENGTH AS OF                      1 JAN 00					
	PERMANENT			GUARD/RESERVE	
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	33	4	29	0	628      45      583
ACTUAL	31	4	26	1	470      47      423
Percentage = 74.8%					
12. RESERVE UNIT DATE					
	<u>UNIT DESIGNATION</u>				<u>STRENGTH</u> <u>AUTHORIZED</u> <u>ACTUAL</u>
	Headquarters, Headquarters Company (-), 1-147 Armor UIC: WPNZT0                      TSPN: 03038                      MTOE/TDA: 17375LNG25	289	173	*	
	Company d, 1-147 Armor UIC: WPNZD0                      TSPN: 03083                      MTOE/TDA: 17375LNG25	63	42	*	
	Headquarters, Headquarters Detachment, 512 Engineer Detachment UIC: WXETAA                      TSPN: 31370                      MTOE/TDA: 05500LNG02	38	48	*	
	1193 Engineer Company UIC: WXEVA                      TSPN: 31486                      MTOE/TDA: 05463LNG02	110	121	*	
	Troop A, 2-107 Cavalry, 38th Infantry Division UIC: WTYBA0                      TSPN: 08038                      MTOE/TDA: 17285LNG04	128	86	*	
		SUB-TOTAL =	<b>628</b>	<b>470</b>	
* UNITS THAT MUST TRAIN ON SAME WEEKEND                      (CONTINUED)					
13. MAJOR EQUIPMENT AND AIRCRAFT					
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ACTUAL</u> *		
	WHEELED	147	147		
	TRAILERS	65	65		
	TRACKED	21	19		
	EQUIPMENT > 30-FT	1	1		
	FUEL & M977 HEMMT	16	16		
	HEMTT PLS/HET	2	2		
* Remainder stationed at MATES					
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:					
		(\$000)			
	A. AIR POLLUTION	NONE			
	B. WATER POLLUTION	NONE			
	C. OCCUPATIONAL SAFETY AND HEALTH	NONE			

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA		2. DATE JUN 01	
3. INSTALLATION AND LOCATION CINCINNATI, OHIO		INSNO= 39B20	4. PROJECT TITLE READINESS CENTER	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 171	7. PROJECT NUMBER 390157	8. PROJECT COST (\$000) 9,780	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>				<b>10,327</b>
READINESS CENTER	SM	9,043	1,098	(9,929)
	SF	97,344	102	-
FLAMMABLE MATS STORAGE	SM	23	689	(16)
	SF	250	63	-
UNHEATED METAL STOR BLDG	SM	297	613	(182)
	SF	3,194	57	-
FORCE PROTECTION	LS	-	50,000	(50)
ENERGY MANAGEMENT CONTROL SYSTEM	LS	-	150,000	(150)
<b>SUPPORTING FACILITIES</b>				<b>1,798</b>
SITE PREPARATION	LS	-	50,000	(50)
FINE GRADING & SEEDING	LS	-	25,000	(25)
PLANTING	LS	-	35,000	(35)
RIGID PAVING	SM	13,403	60	(802)
	SY	16,030	50	-
FLEXIBLE PAVING	SM	16,123	30	(482)
	SY	19,284	25	-
FENCING	M	495	46	(23)
	LF	1,624	14	-
SIDEWALKS	SM	167	42	(7)
	SF	1,800	4	-
FLAGPOLE	LS	-	5,000	(5)
EXTERIOR FIRE PROTECTION	LS	-	25,000	(25)
DETACHED FACILITY SIGN	LS	-	4,000	(4)
OUTSIDE LIGHTING	LS	-	75,000	(75)
FUEL STORE & DISPENSING SYS	LS	-	80,000	(80)
WASH PLATFORM	LS	-	65,000	(65)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	-	70,000	(70)
FORCE PROTECTION	LS	-	50,000	(50)
<b>SUBTOTAL</b>				<b>12,125</b>
CONTINGENCY (5%)				(606)
<b>TOTAL CONTRACT COST</b>				<b>12,731</b>
SUPERVISION, INSPECTION & OVERHEAD (3%)				(364)
<b>TOTAL PROJECT COST</b>				<b>13,095</b>
TOTAL STATE CONTRIBUTION				3,314
TOTAL FEDERAL CONTRIBUTION				<b>9,780</b>
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				613
<p>A specially designed readiness center of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A one-story structure with mechanical and electrical equipment, pre-wired workstations, and furniture. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside lighting, access roads, detached facility sign, wash platform, fuel storage &amp; dispensing system, and flagpole. Physical security measures will be incorporated into design including access control system, maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.</p>				
Air Conditioning - 246 TONS				

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (Continuation)	2. DATE JUN 01	REPORT CONTROL SYMBOL
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3. INSTALLATION AND LOCATION CINCINNATI, OHIO	INSNO= 39B20	4. PROJECT TITLE READINESS CENTER	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 171	7. PROJECT NUMBER 390157	8. PROJECT COST (\$000) 9,780

11. REQUIREMENT: 9,363 SM 100,788 SF ADEQUATE: NA SM SF SUBSTANDARD: NA SM SF

**PROJECT:** This project is to provide a readiness center, of permanent type construction, to serve the peace time missions of the assigned unit. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. The site of the project is on state land. (Current Mission)

**REQUIREMENT:** This facility is required to house elements as described in page 2. These units will have a required strength of 628 personnel. The armory will provide the necessary administrative, training and storage areas required to achieve proficiency in required training tasks. A 15 acre state-owned site is available for this project.

**CURRENT SITUATION:** The Headquarters, Headquarters Company(-), 1-147th Armor is located in an inadequate facility at Shady Brook Rd with Company D, 1-147th Armory. This facility is 42 years old and has been determined to be structurally unsound and unfeasible for rehabilitation. Headquarters, Headquarters Detachment, 1193rd Engineer Company and Troop A, 2-107th Cavalry are located at Reading Road. The facility is 44 years old and inadequate to fully support engineer units and cavalry due to the lack of adequate parking, storage and training areas. With the construction of a new readiness center, the Reading Road Armory and Shady Brook Armory will be closed and both facilities will be located at the proposed facility. Maintenance and repair costs are substantial for the aging facility.

**IMPACT IF NOT PROVIDED:** The units' ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the adequate facilities. Delays in the funding of this project will force the continued use of an inadequate and unsound facility and the present facility's deficiencies will continue to negatively impact troop readiness and morale. The lack of proper and adequate training, storage and administrative areas will continue to impair the attainment of required mobilization readiness levels.

**ADDITIONAL:** This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 01 July 2000 and Design Guide 415-1 dated 1 November 1999. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement.

PREVIOUS EDITION IS OBSOLETE.

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA ( <i>Continuation</i> )		2. DATE JUN 01	REPORT CONTROL SYMBOL
3. INSTALLATION AND LOCATION CINCINNATI, OHIO		INSNO= 39B20	4. PROJECT TITLE READINESS CENTER	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 171	7. PROJECT NUMBER 390157	8. PROJECT COST (\$000) 9,780	
<p>ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installations AT/FP plan. Risk and threat analysis have been performed in accordance with DA Pam 190/51 and TM 5-853-1, respectively. Only protective measures required by regulation and ONLY the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.</p> <p><u>ANTITERRORISM/FORCE PROTECTION: SUMMARY OF RISK AND THREAT ANALYSIS</u></p> <p>IAW Ch 2, AR 190-51, DA PAM 190-51, FM-19-30, TM 5-853-1, Vol. 1, and the Army Corps of Engineering Planning Assistant computer software program, a risk and threat analysis was conducted of the proposed multi-unit Woodland Armory Community Center 10 acre building site/and local surrounding community by CW3 James Vanas, OHARNG AT/FP officer/Physical security Officer, and CPT Mark Scott, Supervisor OHARNG Facility Management Office on 27 December 2000. In conducting the risk analysis a visit was made to the Woodlawn Police Department, Jack Bennett, Assistant Chief of Police, for determination of criminal, terrorist or hostile threat potential. (The Woodlawn PD is directly across the street from the building site location) The results of the subject coordination revealed a negative probability of threat.</p> <p>Primary asset categories examined were the motor pool, arms, communication/NVGs, miscellaneous pilferable assets, and the general civilian and or military population.</p> <p>Assumptions made for this evaluation were that the minimum measures listed in Table 4-1, TM 5-853-1, Vol.1, for sitework elements and building elements would be met as would the DoD Antiterrorism/Force Protection Minimum standards listed in appendix 2, Interim Department of Defense Antiterrorism/Force Protection Construction Standards, dated 16 Dec.1999. The design basis threat (DBT) and the level of protection (LOP) for each asset category is contained on the enclosed asset/tactics matrix summary.</p> <p>Operational measures described in AR 190-51, AR 190-11, OHARNG Regulations, OPLANS, SOPs, for each asset examined, in addition to, unit Physical security plans, Force Protection Plans, key control and access control, will be established, followed, and assessed, with oversight by the chain of command, to further mitigate the threat.</p> <p>Motor Pool. Risk Level II, IAW AR 190-51, para 3-5. Reference, Chapters 5 through 9 TM 5-853-1 Vol. 1 and the asset/tactics matrix summary for building elements selection. Will be located in an illuminated area protected by a 7-foot chainlink fence w/top guard IAW FM 19-30. For energy conservation, recommend using Demand Lighting Technology for the motor pool area. Operational measures will be IAW AR 190-51 and AR 190-13.</p> <p>Arms Room. Risk Level II, IAW AR 190-51 and AR 190-11. Constructed in accordance with Appendix G, para G-1 (New Facility Criteria), Category II arms, AR 190-11. The arms room will be windowless. The arms room will be equipped with J-SIIDs alarm system and monitored IAW AR 190-11. Operational Measures will be IAW AR 190-11, OHARNG guidance, and local unit SOPs. Reference Chapters 6 through 9 and 11, TM 5-853-1 Vol. 1 and the asset/tactics matrix summary for further criteria for design strategies.</p> <p>Communications and Electronics equipment and night vision devices. Risk Level I, IAW AR 190-51, para 3-6. Reference Chapters 8-9, TM 5-853-1 Vol. 1 and the asset/tactics matrix summary for further criteria for design strategies. Operational Measures will be IAW AR 190-51, AR 710-2, OHARNG guidance, and local unit SOPs.</p> <p>Miscellaneous Pilferable Assets (federal property) Risk Level II, IAW AR 190-51. Reference Chapters 8-9, TM 5-853-1 Vol. 1 and the asset/tactics matrix summary for further criteria for design strategies. Operational Measures will be IAW AR 190-51 and AR 710-2, OHARNG guidance and local unit SOPs.</p> <p>General Civilian and or Military Population. Risk Level I, IAW AR 190-51. Reference Chapters 5-9 and 11, TM 5-853-1 Vol. 1 for further criteria for design strategies. Operational Measures will be IAW AR 190-51, OHARNG Force Protection guidance, and local unit SOPs.</p> <p><u>JOINT USE CERTIFICATION:</u> 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>				
AT/FP POC: CW3 James Vanas (614)336-7261		CFMO COL William Radford (614)336-		

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (Continuation)		2. DATE JUN 01	REPORT CONTROL SYMBOL
3. INSTALLATION AND LOCATION CINCINNATI, OHIO		INSNO = 39B20	4. PROJECT TITLE READINESS CENTER	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 171	7. PROJECT NUMBER 390157	8. PROJECT COST (\$000) 9,780	
12. SUPPLEMENTAL DATE				
a. ESTIMATED DESIGN DATA:				
(1) STATUS:				
(a) DATE DESIGN STARTED.....			02/01	
(b) PERCENT COMPLETE AS O JULY	2001		10%	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....			12/01	
(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE.....			06/02	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....			NO	
(f) TYPE OF DESIGN CONTRACT.....			Design-Bid-Build	
(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.				
(2) BASIS:				
(a) STANDARD OR DEFINITIVE DESIGN	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>
(b) WHERE DESIGN WAS MOST RECENTLY USED	NA			
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e) (\$000)				
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....			(543)	
(b) ALL OTHER DESIGN COSTS.....			(272)	
(c) TOTAL.....			815	
(d) CONTRACT.....	9%		(815)	
(e) IN-HOUSE.....			(0.0)	
COST OF REPRODUCTION OF PLANS AND SPECS.....			(7.5)	
(4) CONSTRUCTION CONTRACT AWARD DATE			07/02	
(5) CONSTRUCTION START			08/02	
(6) CONSTRUCTION COMPLETION DATE			12/04	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS				
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATION OR REQUESTED	COST (\$000)	
KITCHEN EQUIPMENT	OMNG	FY 03	246	
FURNITURE	OMNG	FY 03	212	
TELECOMMUNICATIONS	OMNG	FY 03	80	
J-SIIDS	OPA	FY 03	45	
PHYSICAL FITNESS EQUIPMENT	OMNG	FY 03	30	
TOTAL			613	

1. COMPONENT  <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE:  <b>Jun 01</b>		
3. INSTALLATION AND LOCATION  <b>MITCHELL, SOUTH DAKOTA</b>		4. AREA CONSTR COST INDEX  <b>0.95</b>		
5. FREQUENCY AND TYPE OF UTILIZATION  <b>RECURRING MAINTENANCE ACTIVITIES TWENTY-TWO (22) DAYS PER MONTH, WITH ONE 2- DAY WEEKEND TRAINING ASSEMBLY PER MONTH.</b>				
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS				
ARNG	MITCHELL	0 MILES READINESS CENTER	34,763 SF	1959/93
ARNG	MITCHELL	0 MILES ORGANIZATIONAL MAINTENANCE SHOP	4,845 SF	1968/90
ARNG	MITCHELL	0 MILES COMBINED SUPPORT MAINTENANCE SHOP	31,526 SF	1952
7. PROJECTS REQUESTED IN THIS PROGRAM				
<u>CATEGORY</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>COST</u>	<u>DESIGN STATUS</u>
<u>CODE</u>			<u>(\$000)</u>	<u>START</u> <u>COMPLETE</u>
21885	COMBINED SUPPORT MAINTENANCE SHOP	8,011 SM 86,227 SF	14,228	Jul-98      Jun-01
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION				
<b>FACILITIES IDENTIFIED IN ITEM 7 HAVE BEEN EXAMINED BY THE JOINT SERVICE RESERVE COMPONENTS FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.</b>				<b>15 August 2000</b>
				<u>Date</u>
9. LAND AQUISITION REQUIRED				
<b>NONE</b>			<b>0</b>	<u>(Number of acres)</u>
10. PROJECTS PLANNED IN NEXT FOUR YEARS				
<b>NONE</b>				
RPM BACKLOG (\$000): \$499.3				
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."				



1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>						2. DATE: <b>Jun 01</b>	
3. INSTALLATION AND LOCATION <b>MITCHELL, SOUTH DAKOTA</b>								
11. PERSONNEL STRENGTH AS 03 AUG 00								
	<u>PERMANENT</u>				<u>GUARD/RESERVE</u>			
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	
AUTH	83	0	0	83	2318	146	2172	
ACTUAL	47	0	0	47	2234	119	2115	
				Percentage =	96%			
12. RESERVE UNIT								
	<u>UNIT DESIGNATION</u>						<u>STRENGTH</u>	
						<u>AUTH</u>	<u>ACTUAL</u>	
UNITS SUPPORTED BY THE COMBINED SUPPORT MAINTENANCE SHOP INCLUDE								
ORGANIZATIONAL MAINTENANCE SHOP # 4								
	2d Battalion, 147th Field Artillery						409	390
	WP29AA, 21864, 06455LNG08							
	2147th Field Artillery Maintenance Support Team						25	19
	WP2999, 21864, NGWP2999							
ORGANIZATIONAL MAINTENANCE SHOP # 5								
	665th Maintenance Company (-) (General Support)						116	110
	WQD2AA, 31118, 43649LNG08							
	Company C, 153d Engineer Battalion (Combat) (Mechanized)						123	109
	WP1GC0,21366, 05437LNG01							
	Battery A, 1st Battalion, 147th Field Artillery						91	94
	(Multiple Launch Rocket System) WP4BA0,21825, 06467LNG02							
	147th Army Band						41	39
	WQKSAA, 30420, 12113LNG04							
	Combined Support Maintenance Shop # 1						56	31
	WQD299, 31125, NGWQD299							
ORGANIZATIONAL MAINTENANCE SHOP # 6								
	200th Engineer Company (Assault Ribbon Bridge) *						181	162
	WP78AA, 31434, 05493LNG01							
ORGANIZATIONAL MAINTENANCE SHOP # 8								
	88th Troop Command						24	27
	W8A7A3, 56751, NGW8A7AA							
	740th Transportation Company						175	172
	WQH6AA, 35690, 55727LNG01							
	1742d Transportation Company*						198	204
	WQL7AA, 35690, 55727LNG01							
ORGANIZATIONAL MAINTENANCE SHOP # 9								
	Headquarters and Headquarters Company, 153d Engineer Battalion (Combat)						121	130
	(Mechanized), WP1GT0, 21366, 05436LNG01							
ORGANIZATIONAL MAINTENANCE SHOP #10								
	Company B, 153d Engineer Battalion (Combat) (Mechanized)						123	113
	WP1GB0,21366, 05437LNG01							
	Headquarters and Headquarters Battery, 147th Field Artillery Brigade						110	112
	WP2TAA, 21807, 06402LNG01							
	Headquarters, Headquarters and Service Battery, 1st Battalion, 147th Field Artillery						122	111
	(Multiple Launch Rocket System) WP4BB0, 21825, 06467LNG02							
	Battery B, 1st Battalion, 147th Field Artillery						91	110
	(Multiple Launch Rocket System) WP4BT0, 21825, 06466LNG02							
	Battery C, 1st Battalion, 147th Field Artillery						91	88
	(Multiple Launch Rocket System) WP4BC0, 21825, 06467LNG02							
	SUBTOTAL						2097	2021



1. COMPONENT <b>ARNG</b>		FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE: <b>Jun 01</b>			
3. INSTALLATION AND LOCATION <b>MITCHELL, SOUTH DAKOTA</b>				4. PROJECT TITLE <b>COMBINED SUPPORT MAINTENANCE SHOP</b>				
5. PROGRAM ELEMENT <b>0505896A</b>		6. CATEGORY CODE <b>0</b>	7. PROJECT NUMBER <b>460074</b>		8. PROJECT COST (\$000) <b>14,228</b>			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>								<b>10,533</b>
SURFACE EQUIPMENT MAINTENANCE COMPLEX					SM	8,011	1,171	(9,383)
					SF	86,227	109	
FORCE PROTECTION					LS			(650)
ENERGY MANAGEMENT SYSTEM					LS			(500)
<b>SUPPORTING FACILITIES</b>								<b>2,258</b>
SITE PREPARATION					LS			(400)
FINE GRADING AND SEEDING					LS			(53)
PLANTING					LS			(188)
SECURITY FENCING					M	704	60	(42)
					LF	2,310	18	
UTILITIES					LS			(26)
EXTERIOR FIRE PROTECTION					LS			(7)
Rigid Paving					SM	18,483	61	(1,123)
					SY	22,105	32	
Flexible Paving					SM	3,245	27	(88)
					SY	3,881	21	
CURBS					M	841	62	(52)
					LF	2,760	19	
WALKS					SM	167	47	(8)
					SF	1,800	4	
FLAGPOLE					LS			(3)
DETACHED FACILITIES SIGN					LS			(9)
EXTERIOR AND SECURITY LIGHTING					LS			(75)
MILITARY VEHICLE LOADING RAMPS					EA	2	32,310	(65)
FORCE PROTECTION					LS			(40)
TELECOMMUNICATIONS					LS			(80)
<b>OTHER SUPPORTING EQUIPMENT</b>								<b>494</b>
DYNAMOMETER					LS			(38)
CENTRALIZED HAZARDOUS MATERIAL VACUUM SYSTEM					LS			(170)
HOT WATER PARTS WASHERS					LS			(81)
PAINT SPRAY SYSTEM (HVLP)					LS			(205)
<b>SUBTOTAL</b>								<b>13,284</b>
CONTINGENCY (0%)								664
<b>TOTAL CONTRACT COST</b>								<b>13,949</b>
SUPERVISION, INSPECTION & OVERHEAD (2%)								279
<b>TOTAL PROJECT COST</b>								<b>14,228</b>
EQUIP PROVIDED FROM OTHER APPR (NON-ADD)								(86)
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
<p>A 8,011 square meter surface equipment maintenance complex that includes both support and organizational maintenance shops. The structural steel and masonry building will have a concrete floors and a mix of metal and built-up roofs. Supporting facilities include privately-owned and military vehicle parking, sidewalks, exterior fire protection, outside lighting, vehicle loading ramps, a cannibalization area, and a fuel distribution point. Physical security measures will be incorporated into the design, including door card readers, closed circuit television, maximum feasible standoff distance from roads and parking areas, berms and heavy landscaping.</p> <p>AIR CONDITIONING - 150 tons</p>								

1. COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE:  Jun 01
3. INSTALLATION AND LOCATION  MITCHELL, SOUTH DAKOTA		
4. PROJECT TITLE  COMBINED SUPPORT MAINTENANCE SHOP		4. PROJECT NUMBER  460074
<p>11. REQUIREMENT:            <u>8,011 SM 86,227 SF</u> ADEQUATE: <u>0 SM 0 SF</u> SUBSTANDARD: <u>2,929 SM 31,526 SF</u></p> <p><b>PROJECT:</b> This project provides safe, adequate support and organizational maintenance facilities, with energy efficient mechanical and electrical systems, capable of supporting current mission requirements.</p> <p><b>REQUIREMENT:</b> Logistic facilities of 8,011 square meters are required to provide adequate maintenance facilities for supported unit-assigned vehicles and equipment. Today's equipment and systems require suitably configured, modern facilities capable of meeting size and technological standards. Ample ceiling heights, workbay size, and specialized repair areas are needed to satisfactorily accommodate maintenance work. Improved ventilation/circulation and increased space are essential in supporting a safe work environment for employees. Existing facilities are unable to be renovated/expanded cost-effectively. This facility is being constructed on 40 acres of land leased to the state.</p> <p><b>CURRENT SITUATION:</b> The current maintenance facilities, a portion of which were build 47 years ago, are inadequate in terms of size, capabilities, and building systems. Maintenance productivity and efficiency are degraded by the limited space, the physical layout and the physical restrictions of the existing facilities. These constraints preclude necessary maintenance activities for the mission of the supported units and negatively impact their unit readiness. Heating, lighting, and ventilation systems are substandard, and waste energy. Technician safety is continuously threatened by inadequate overhead lifting devises and other life-safety violations inherent in this old of a facility. Annual maintenance and repair expenses are high. The antiquated nature of the facilities makes renovation to achieve current criteria more expensive than new construction. Moreover, on-going technician staffing reductions necessitate this type of maintenance facility collocation/consolidation to most efficiently utilize available manpower resources. This facility will eliminate duplication of common use areas and will provide a full-service, one-stop maintenance shop.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Continued use of existing facilities will cause safety, energy inefficiency, and work inefficiency problems to be unabated. Unit readiness, troop morale, and retention will continue to suffer.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-2 dated 1 Jan 2000. The most similar DoD standards for maintenance facility construction do not address all of the current criteria incorporated in the Army National Guard Logistic Facilities design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit costs and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>		
AT/FP POC: COL DENNIS FLANERY (605) 737-6720		CFMO: COL NANCY WETHERILL (605) 737-6600

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE: <b>Jun 01</b>	
3. INSTALLATION AND LOCATION <b>MITCHELL, SOUTH DAKOTA</b>			
4. PROJECT TITLE <b>COMBINED SUPPORT MAINTENANCE SHOP</b>	5. PROJECT NUMBER <b>460074</b>		
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED		<b>Jul-98</b>	
(b) PERCENT COMPLETE AS OF 1 JANUARY 2001		<b>65%</b>	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE		<b>Mar-00</b>	
(d) DATE DESIGN COMPLETE		<b>Jun-01</b>	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS		<b>NO</b>	
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN -	YES _____ NO <u><b>X</b></u>		
(b) WHERE DESIGN WAS MOST RECENTLY USED	_____ <b>N/A</b> _____		
(3) TOTAL COST (c) = (a) + (b) or (d) + (e):		<b>(\$000)</b>	
(a) PRODUCTION OF PLANS AND SPECIFICATIONS		<b>797.1</b>	
(b) ALL OTHER DESIGN		<b>398.5</b>	
(c) TOTAL		<b>1,195.6</b>	
(d) CONTRACT		<b>1,195.6</b>	
(e) IN-HOUSE		<b>(0)</b>	
(4) CONSTRUCTION START		<b>May-02</b>	
(5) CONSTRUCTION COMPLETION		<b>Jan-03</b>	
		<i>(MONTH AND YEAR)</i>	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
<u>EQUIPMENT</u>	<u>PROCURING</u>	<u>FISCAL YEAR</u>	<u>COST</u>
<u>NOMENCLATURE</u>	<u>APPROPRIATION</u>	<u>OR REQUESTED</u>	<u>(\$000)</u>
Office Furniture	OMNG	FY 03	41
Break/Assy Area Furnishings	OMNG	FY 03	14
Physical Fitness Area Furnishings and Equipment	OMNG	FY 03	15
Telecommunications Equipment	OMNG	FY 03	16
		Total	86

1. COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01
3. INSTALLATION AND LOCATION  HENDERSON, TENNESSEE		4. AREA CONSTR COST INDEX  0.87
5. FREQUENCY AND TYPE OF NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.		
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS		
ARNG	JACKSON	17 MILES
ARNG	SELMER	20 MILES
ARNG	LEXINGTON	24 MILES
READINESS CENTER	37,570 SF	1972
READINESS CENTER	21,744 SF	1993
READINESS CENTER	19,800 SF	1987
7. PROJECTS REQUESTED IN THIS PROGRAM		
CATEGORY	COST	DESIGN STATUS
<u>CODE</u>	<u>(\$000)</u>	<u>START</u>
21407	2,012	Oct-99
PROJECT TITLE	SCOPE	<u>COMPLETE</u>
ORGANIZATIONAL	836 SM	Oct-00
MAINTENANCE SHOP	9,001 SF	
8. STATE GUARD/RESERVE FORCES BOARD RECOMMENDATION		
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.		14 OCT 99 Date
9. LAND ACQUISITION REQUIRED		
NONE		0 <i>(Number of acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS		
READINESS CENTER		
RPM BACKLOG (\$000): \$0		
"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."		

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>
3. INSTALLATION AND LOCATION <b>HENDERSON, TENNESSEE</b>		
11. PERSONNEL STRENGTH AS OF: 27 JUN 00		
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	7   0   7   0	179   22   157
ACTUAL	5   0   5   0	137   15   122
	Percentage = 76.54%	
12. RESERVE UNIT DATA		
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u>
		<u>AUTHORIZED</u> <u>ACTUAL</u>
	HHSB, 2-115TH FA BN UIC: WPAETO TPSN: 21862 MTOE: 06425ANG09 NG0200 Colocated	165   122
	DETACHMENT 2, 771ST MAINT CO (DS) UIC: WTR9A2 TPSN: 31131 MTOE: 43209L000100 NG0200 Colocated	12   13
	2-115TH FIELD ARTILLERY BATTALION AUG (FST) UIC: WPAE99 TPSN: 21862 MTOE: Colocated	2   2
		0   0
	<u>TOTAL</u>	<u>179</u> <u>137</u>
13. MAJOR EQUIPMENT AND AIRCRAFT		
	<u>TYPE</u>	<u>AUTHORIZED</u> MAINTENANCE
		<u>ASSIGNED</u> PERMANENT PARKING
	WHEELED	147   7   *
	TRAILERS	69   9   *
	TRACKED	0   0   *
	EQUIPMENT > 30-FT	18   0
	FUEL & M977 HEMMT	4   1
	HEMTT PLS/HET	0   0   *
	<u>TOTAL</u>	<u>238</u> <u>17</u>
* Remaining Vehicles Assigned Permanent Parking at MATES		
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)		
A. AIR POLLUTION	NONE	
B. WATER POLLUTION	NONE	
C. OCCUPATIONAL SAFETY AND HEALTH	NONE	

1. COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>		
3. INSTALLATION AND LOCATION <b>HENDERSON, TENNESSEE</b>		4. PROJECT TITLE <b>ORGANIZATIONAL MAINTENANCE SHOP</b>		
5. PROGRAM ELEMENT <b>0505896A</b>	6. CATEGORY CODE <b>21407</b>	7. PROJECT <b>470165</b>	8. PROJECT COST (\$000) <b>2,012</b>	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>		9,001		964
OMS BUILDING	SM	795.1	1184.1	(942)
	SF	8,559	110.00	
FLAMMABLE MATs FACILITY	SM	13.3	535.3	(7)
	SF	143	50.00	
CONTROLLED WASTE FACILITY	SM	27.9	538.2	(15)
	SF	300	50.00	
UNHEATED METAL STORAGE BLD	SM	0.0	0.0	(0)
	SF	0	0.00	
FORCE PROTECTION	LS	-	21	(21)
<b>SUPPORTING FACILITIES</b>				744
SITE PREPARATION	LS	-	100	(100)
FINE GRADING & SEEDING	LS	-	25	(25)
PLANTING	LS	-	21	(21)
RIGID PAVING	SM	4,488.2	41.9	(188)
	SY	5,368	35	
FLEXIBLE PAVING	SM	241.6	17.8	(4)
	SY	289	15	
FENCING	M	297.5	46.1	(14)
	LF	976	14	
SIDEWALKS	SM	167.2	43.1	(7)
	SF	1,800	4	
WASH PLATFORM	LS	0	0	(65)
FUEL STORAGE & DISPENSING SYSTEM	LS	0	0	(80)
EXTERIOR LIGHTING	LS	0	0	(75)
LUBE AND INSPECTION RAMP	LS	0	0	(30)
LOAD RAMP	LS	0	0	(30)
DETACHED FACILITY SIGN	LS	0	0	(5)
EXTERIOR FIRE PROTECTION	LS	0	0	(30)
UTIL'S:WATER/SEWER/GAS/ELEC	LS	0	0	(70)
<b>SUBTOTAL</b>				<b>1,879</b>
CONTINGENCY (5%)				94
<b>TOTAL PROJECT COST</b>				<b>1,973</b>
SUPERVISION, INSPECTION & OVERHEAD (2%)				40
<b>TOTAL REQUEST</b>				<b>2,012</b>
EQUIP PROVIDED FROM OTHER APPR (NON-ADD)				(25)
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
<p>Consists of a maintenance facility with four (4) maintenance workbays, plus administrative, personnel, and work areas. Constructed of masonry block with brick veneer, concrete floors, masonry block partitions with a built-up or single membrane roofing system. Supporting facilities include military and customer vehicle parking, fencing, wash platform, fuel storage and dispensing system, lube &amp; inspection rack, load ramp, control waste handling facility, sidewalks, outside lighting, and access roads. 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>				
AIR CONDITIONING- 3 TONS				



1. COMPONENT ARNG	<b>FY2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION HENDERSON, TENNESSEE		
4. PROJECT TITLE ORGANIZATIONAL MAINTENANCE SHOP		4. PROJECT NUMBER 470165
11. REQUIREMENT: <u>836</u> SM <u>9,001</u> SF ADEQUATE: <u>NA</u> SM <u>      </u> SF SUBSTANDARD: <u>NA</u> SM <u>      </u> SF		
<p><b>PROJECT:</b> A new maintenance facility to provide adequate organizational maintenance support for vehicles and equipment supported by this maintenance shop. Site of project will be on state land.</p> <p><b>REQUIREMENT:</b> A facility requirement for 836 SM (9,001 SF) is requested to permit efficient maintenance support at the organizational level to be performed on vehicles authorized to the units which will be supported by this maintenance shop.</p> <p><b>CURRENT SITUATION:</b> The individuals that will be working in this facility currently work in an overcrowded and substandard maintenance shop. The existing shop, located in Henderson, TN was built in 1976 and is outdated. Since the existing facility was constructed, the missions have changed creating an increase in equipment and maintenance requirements, causing a severe lack of functional space. Renovating the existing building would not be economical due to its condition. In addition, the existing facility would have to be completely altered and repaired, which would be more costly since all of the offices, the latrine, and the workbays (20x40) are too small and deteriorating.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The present facility's deficiencies will continue to negatively impact troop morale. The lack of proper and adequate maintenance, training, storage and administrative areas will continue to impair the attainment of the units' required mobilization readiness levels.</p> <p><b>ADDITIONAL:</b> This project has been coordinated with the state physical security officer. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1 respectively. No force protection / combating terrorism measures other than the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" and those physical security measures required by regulations and design guides for protecting Federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 01 Jan 2000 and Design Guide 415-2 dated 1 Jan 2000. The most similar DoD standards for logistics facility construction do not address all of the current criteria incorporated in the Army National Guard Organizational Maintenance Shop (OMS) design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>		
AT/FP POC: Hollister, Joseph B./(615) 313-0752		CFMO: Phelps, Gregory W. COL/(615) 313-2610

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01	
3. INSTALLATION AND LOCATION HENDERSON, TENNESSEE			
4. PROJECT TITLE ORGANIZATIONAL MAINTENANCE SHOP	5. PROJECT NUMBER 470165		
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED	<u>Oct-99</u>		
(b) PERCENT COMPLETE AS OF 1 JANUARY 2001	<u>100%</u>		
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE	<u>May-00</u>		
(d) DATE DESIGN COMPLETE	<u>Oct-00</u>		
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS	<u>NO</u>		
(f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES _____	NO	<u>X</u>	
(b) WHERE DESIGN WAS MOST RECENTLY USED		<u>NA</u>	
(3) TOTAL COST (c) = (d) + (b):			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS		<u>(\$000)</u> <u>(56.4)</u>	
(b) ALL OTHER DESIGN COSTS		<u>(112.7)</u>	
(c) TOTAL		<u>169.1</u>	
(d) CONTRACT 9%		<u>(169.1)</u>	
(e) IN-HOUSE		<u>(0.0)</u>	
(4) CONSTRUCTION START			
		<u>Jan-02</u>	
(5) CONSTRUCTION COMPLETION			
		<u>Oct-02</u> <i>(month and year)</i>	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
<u>EQUIPMENT</u> <u>NOMENCLATURE</u>	<u>PROCURING</u> <u>APPROPRIATION</u>	<u>FISCAL YEAR</u> <u>APPROPRIATION</u> <u>OR REQUESTED</u>	<u>COST</u> <u>(\$000)</u>
TELECOM	OMNG	FY 03	15
FURNITURE	OMNG	FY 03	10
Total			<u>25</u>

1. COMPONENT <b>ARNG</b>	<b>FY2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE <b>Jun 01</b>			
3. INSTALLATION AND LOCATION <b>ALCOA, TENNESSEE</b>		4. AREA CONSTR COST INDEX <b>0.87</b>			
5. FREQUENCY AND TYPE OF UTILIZATION <b>NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.</b>					
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS					
ARNG	MARYVILLE	5 MILES	ARMORY	15,346 SF	1978
ARNG	KNOXVILLE	22 MILES	ARMORY	32,210 SF	1981
ARNG	LENOIR CITY	26 MILES	ARMORY	9,956 SF	1989
7. PROJECTS REQUESTED IN THIS PROGRAM					
CATEGORY			COST	DESIGN STATUS	
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>(\$000)</u>	<u>START</u>	<u>COMPLETE</u>
17180	READINESS CENTER	6,217 SM 66,777 SF	8,203	Oct-00	Oct-01
8. STATE RESERVE FORCES BOARD RECOMMENDATION <b>FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.</b>					
					<u>21 JAN 00</u> Date
9. LAND ACQUISITION REQUIRED					
<b>NONE</b>					<u>0</u> <i>(Number of acres)</i>
10. PROJECTS PLANNED IN NEXT FOUR YEARS					
<b>NONE</b>					
RPM BACKLOG (\$000): <b>\$0</b>					
<b>"A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTING THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."</b>					

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01															
3. INSTALLATION AND LOCATION  ALCOA, TENNESSEE																	
11. PERSONNEL STRENGTH AS <span style="float: right;">27-Aug-00</span>																	
	<table style="width: 100%; border-collapse: collapse;"> <tr> <td></td> <td colspan="3" style="text-align: center;"><u>PERMANENT</u></td> <td colspan="3" style="text-align: center;"><u>GUARD/RESERVE</u></td> </tr> <tr> <td></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> <td style="text-align: center;"><u>CIVILIAN</u></td> <td style="text-align: center;"><u>TOTAL</u></td> <td style="text-align: center;"><u>OFFICER</u></td> <td style="text-align: center;"><u>ENLISTED</u></td> </tr> </table>		<u>PERMANENT</u>			<u>GUARD/RESERVE</u>				<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	
	<u>PERMANENT</u>			<u>GUARD/RESERVE</u>													
	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>	<u>CIVILIAN</u>	<u>TOTAL</u>	<u>OFFICER</u>	<u>ENLISTED</u>										
AUTHORIZED	13	2	11	0	281	63	218										
ACTUAL	8	2	6	0	229	50	179										
	PERCENTAGE: 74.8%																
12. RESERVE UNIT																	
	<u>UNIT DESIGNATION</u>			<u>STRENGTH</u>													
		<u>AUTHORIZED</u>			<u>ACTUAL</u>												
Det 1, HHT 4/278TH ACR		60 *			55												
UIC: WP3CTO	TPSN: 21843			MTOE: 20500HNNH01													
Det 1, TRP N, 4/278TH ACR		22 *			22												
UIC: WP3CAO	TPSN: 21843			MTOE: 20500HNNH01													
TRP O, 4/278TH ACR		30 *			25												
UIC: WP3CBO	TPSN: 21843			MTOE: 20500HNNH01													
TRP P, 4/278TH ACR		31 *			26												
UIC: WP3CCO	TPSN: 21843			MTOE: 20500HNNH01													
	SUB-TOTAL	143			128												
* UNITS THAT MUST TRAIN ON SAME WEEKEND																	
(CONTINUED)																	
13. MAJOR EQUIPMENT AND AIRCRAFT							*										
	<u>TYPE</u>	<u>AUTHORIZED</u>	<u>ASSIGNED</u>														
	WHEELED	27	27														
	TRAILERS	18	18														
	TRACKED	0	0														
	EQUIPMENT > 30-FT	0	0														
	FUEL & M977 HEMMT	11	11														
	HEMTT PLS/HET	7	7														
* ALL MILITARY VEHICLES TO BE LOCATED AT MARYVILLE SITE.																	
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)																	
		<u>(\$000)</u>															
A. AIR POLLUTION		NONE															
B. WATER POLLUTION		NONE															
C. OCCUPATIONAL SAFETY AND HEALTH		NONE															

1. ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01
3. INSTALLATION AND LOCATION  ALCOA, TENNESSEE				
11. PERSONNEL STRENGTH      27-Aug-00				
<span style="margin-right: 100px;"><u>PERMANENT</u></span> <span style="margin-right: 100px;"><u>GUARD/RESERVE</u></span>				
<span style="margin-right: 20px;"><u>TOTAL</u></span> <span style="margin-right: 20px;"><u>OFFICER</u></span> <span style="margin-right: 20px;"><u>ENLISTED</u></span> <span style="margin-right: 20px;"><u>CIVILIAN</u></span> <span style="margin-right: 20px;"><u>TOTAL</u></span> <span style="margin-right: 20px;"><u>OFFICER</u></span> <span><u>ENLISTED</u></span>				
AUTHORIZED				
ACTUAL				
12. RESERVE				
STRENGTH				
<u>UNIT DESIGNATION</u>				
<u>AUTHORIZED</u> <u>ACTUAL</u>				
TRP Q, 4/278TH ACR				
29 *				
UIC: WP3CSO      TSPN: 21806      MTOE: 20500HMH01				
TRP T (-), 4/278TH ACR				
109 *				
UIC: WP22AA      TSPN: 21843      MTOE: 65443LNG11				
* UNITS THAT MUST TRAIN ON SAME WEEKEND				
SUB-TOTAL      138      101				
(CONTINUED)				
13. MAJOR EQUIPMENT AND AIRCRAFT				
<u>TYPE</u> <u>AUTHORIZED</u> <u>ASSIGNED</u>				
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)				

1. COMPONENT ARNG		<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01			
3. INSTALLATION AND LOCATION ALCOA, TENNESSEE				4. PROJECT TITLE READINESS CENTER				
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 17180	7. PROJECT NUMBER 470004		8. PROJECT COST 8,203			
9. COST ESTIMATES								
ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>								<b>6,425</b>
READINESS CENTER					SM	5,975	1,023	(6110)
					SF	64,317	95	-
FLAMMABLE MATS STORAGE					SM	14	0	(5)
					SF	150	30	-
UNHEATED METAL STOR BLDG					SM	215	538	(116)
					SF	2,310	50	-
FORCE PROTECTION					LS	-	58	(58)
ENERGY MANAGEMENT CONTROL SYSTEM					LS	-	115	(115)
WALL LOCKERS					EA	(281)	75	(21)
<b>SUPPORTING FACILITIES</b>								<b>1,161</b>
SITE PREPARATION					LS	-	-	(100)
FINE GRADING & SEEDING					LS	-	-	(6)
PLANTING					LS	-	-	(115)
RIGID PAVING					SM	5,259	0	(315)
					SY	6,290	50	-
FLEXIBLE PAVING					SM	7,707	48	(369)
					SY	9,218	40	-
FENCING					M	316	0	(15)
					LF	1,036	14	-
SIDEWALKS					SM	56	161	(9)
					SF	1,800	5	-
FLAGPOLE					LS	-	-	(5)
EXTERIOR FIRE PROTECTION					LS	-	-	(25)
DETACHED FACILITY SIGN					LS	-	-	(3)
OUTSIDE LIGHTING					LS	-	-	(67)
FUEL STORE & DISPENSING SYS					LS	-	-	(0)
WASH PLATFORM					LS	-	-	(8)
UTIL'S:WATER/SEWER/GAS/ELEC					LS	-	-	(80)
FORCE PROTECTION					LS	-	-	(46)
<b>SUBTOTAL</b>								<b>7,585</b>
CONTINGENCY (5%)								(379)
TOTAL CONTRACT COST								<b>7,964</b>
SUPERVISION, INSPECTION & OVERHEAD (3%)								(239)
<b>TOTAL FEDERAL REQUEST</b>								<b>8,203</b>
STATE SHARE (NON-ADD)								(0)
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)								500
10. DESCRIPTION OF PROPOSED CONSTRUCTION								
A specially designed readiness center of permanent masonry type construction, brick and concrete block units with concrete floors, and a built-up or single membrane roof. A two-story structure with mechanical and electrical equipment. Outside supporting facilities include military and privately-owned vehicle parking, fencing, sidewalks, exterior fire protection, outside security lighting, access roads, detached facility sign, wash platform, fuel storage & dispensing system, and flagpole. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, landscaping, and bollards to prevent access when standoff distance cannot be maintained. Cost effective energy conserving features will be incorporated into design, including energy management control systems and high efficiency motors, lighting, and HVAC systems.								
Air Conditioning - 68 TONS								

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2 DATE Jun 01
3. INSTALLATION AND LOCATION ALCOA, TENNESSEE		
4. PROJECT TITLE READINESS CENTER	5. PROJECT NUMBER 470004	
11. REQUIREMENT: <u>6,217</u> SM <u>66,777</u> SF ADEQUATE: <u>NA</u> SM <u>        </u> SF SUBSTANDARD: <u>NA</u> SM <u>        </u> SF		
<p><b>PROJECT:</b> This project is to provide a readiness center, of permanent type construction, to serve the peace time missions of the assigned unit. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. The site of the project is on federal land. These Units provide aviation support for the 278th Armored Cavalry and the Tennessee and Federal Emergency Agency.</p> <p><b>REQUIREMENT:</b> This facility is required to house all elements of the Det 1, HHT 4/278th ACR, Det 1, TRP N, 4/278th ACR, TRP O, 4/278th ACR, TRP P, 4/278th ACR, TRP Q, 4/278th ACR and TRP T (-), 4/278th ACR. These units will have a required strength of 281 personnel. The armory will provide the necessary administrative, training and storage areas required to achieve proficiency in required training tasks. A 12 acre federal-owned site is available for this project.</p> <p><b>CURRENT SITUATION:</b> The current units are housed in undersized Federally leased facilities that contain only 12,500 SF (1,161 SM) of covered space. All spaces are undersized, not configured to support the operations of these go-to-war units and negatively impact their respective mobilization readiness and extend minimum mobilization timelines due to the lack of space to perform basic unit training. These units are either organic to or attached to the 278th Armored Cavalry Regiment one of 15 "Enhanced Brigades". The severity of congestion, the lack of adequate training spaces and storage spaces prevent the "power projection" desired of modern day community based readiness centers thereby necessitating a Readiness Center to meet minimum space requirements of these assigned units.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The units' ability to meet its readiness, recruiting and retention, and training objectives will continue to be adversely affected if the personnel are not provided with the adequate facilities. Delays in the funding of this project will force the continued use of an inadequate and unsound facility and the present facility's deficiencies will continue to negatively impact troop readiness and morale. The lack of proper and adequate training, storage and administrative areas will continue to impair the attainment of required mobilization readiness levels.</p> <p><b>ADDITIONAL:</b> This project currently complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 01 January 2000 and Design Guide 415-1 dated 1 June 1997. The most similar DoD standards for readiness center construction do not address all of the current criteria incorporated in the Army National Guard Readiness Center design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. 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 only feasible option to meet the requirement. Parametric estimates have not been used to develop project costs.</p> <p><b>ANTITERRORISM FORCE PROTECTION:</b> This project has been coordinated with the State physical security officer and protection/combatting terrorism measures for those physical security measures required by regulations and design guides for protecting Federal property are required. Risk and threat analyses have been performed in accordance with DA Pam 190-51 and TM 5-853-1, respectively.</p> <p><b>JOINT USE CERTIFICATION:</b> 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>		
AT/FP POC: <u>Hollister, Joseph B./</u> (615) 313-0752    CFMO Phelps, Gregory W. COL/(615) 313-2610		

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
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3. INSTALLATION AND LOCATION ALCOA, TENNESSEE		
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4. PROJECT TITLE READINESS CENTER	5. PROJECT NUMBER 470004
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12. SUPPLEMENTAL DATA:

a. ESTIMATED DESIGN DATA:

- (1) STATUS:
- (a) DATE DESIGN STARTED..... Oct-00
  - (b) PERCENT COMPLETE AS OF JANUARY 2001 ..... 10%
  - (c) DATE DESIGN EXPECTED TO BE 35% COMPLETE..... May-01
  - (d) DATE DESIGN COMPLETE..... Oct-01
  - (e) PARAMETRIC COSTS USED TO DEVELOP COSTS..... NO
  - (f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS  
WILL BE DOCUMENTED DURING FINAL DESIGN.

- (2) BASIS:
- (a) STANDARD OR DEFINITIVE DESIGN - YES  NO
  - (b) WHERE DESIGN WAS MOST RECENTLY USED  NA

(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e) 618.93

(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....	455.30
(b) ALL OTHER DESIGN COSTS.....	227.55
(c) TOTAL.....	682.85
(d) CONTRACT..... 9.0% .....	682.85
(e) IN-HOUSE.....	0

(4) CONSTRUCTION START 2/1/01

(5) CONSTRUCTION COMPLETION DATE 12/03  
(MONTH AND YEAR)

b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATION OR REQUESTED	COST (\$000)
KITCHEN EQUIPMENT	OMNG	FY 03	90
FURNITURE	OMNG	FY 03	100
TELECOMMUNICATIONS	OMNG	FY 03	250
WEIGHT LIFT EQUIP	OMNG	FY 03	50
J-SIIDS	OPA	FY 03	10
<b>TOTAL</b>			<b>500</b>



1. COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>				2. DATE  Jun 01																		
3. INSTALLATION AND LOCATION  AUSTIN, (AUSTIN BERGSTROM INTERNATIONAL AIRPORT) TEXAS				4. AREA CONSTR COST INDEX  0.82																			
5. FREQUENCY AND TYPE OF UTILIZATION  NORMAL OPERATIONS AND ADMINISTRATION FOUR DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.																							
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILE RADIUS  <table border="0" style="width: 100%;"> <tr> <td>ARNG</td> <td>CAMP MABRY (AUSTIN)</td> <td>12 MILES</td> <td>ARMORY</td> <td>23,051 SF</td> <td>1994</td> </tr> <tr> <td>ARNG</td> <td>BEE CAVES (AUSTIN)</td> <td>20 MILES</td> <td>ARMORY</td> <td>7,132 SF</td> <td>1960</td> </tr> <tr> <td>ARNG</td> <td>51ST STREET (AUSTIN)</td> <td>15 MILES</td> <td>ARMORY</td> <td>68,689 SF</td> <td>1988</td> </tr> </table>						ARNG	CAMP MABRY (AUSTIN)	12 MILES	ARMORY	23,051 SF	1994	ARNG	BEE CAVES (AUSTIN)	20 MILES	ARMORY	7,132 SF	1960	ARNG	51ST STREET (AUSTIN)	15 MILES	ARMORY	68,689 SF	1988
ARNG	CAMP MABRY (AUSTIN)	12 MILES	ARMORY	23,051 SF	1994																		
ARNG	BEE CAVES (AUSTIN)	20 MILES	ARMORY	7,132 SF	1960																		
ARNG	51ST STREET (AUSTIN)	15 MILES	ARMORY	68,689 SF	1988																		
7. PROJECTS REQUESTED IN THIS PROGRAM  <table border="0" style="width: 100%;"> <thead> <tr> <th rowspan="2">CATEGORY CODE</th> <th rowspan="2">PROJECT TITLE</th> <th rowspan="2">SCOPE</th> <th rowspan="2">COST (\$000)</th> <th colspan="2">DESIGN STATUS</th> </tr> <tr> <th>START</th> <th>COMPLET</th> </tr> </thead> <tbody> <tr> <td>21110</td> <td>ARMY AVIATION SUPPORT FACILITY ( INCLUDING FIXED WING)</td> <td><b>15,493 SM</b> 166,775 SF</td> <td>25,659</td> <td>FEB 01</td> <td>JUN 02</td> </tr> </tbody> </table>						CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS		START	COMPLET	21110	ARMY AVIATION SUPPORT FACILITY ( INCLUDING FIXED WING)	<b>15,493 SM</b> 166,775 SF	25,659	FEB 01	JUN 02				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESIGN STATUS																			
				START	COMPLET																		
21110	ARMY AVIATION SUPPORT FACILITY ( INCLUDING FIXED WING)	<b>15,493 SM</b> 166,775 SF	25,659	FEB 01	JUN 02																		
8. STATE RESERVE FORCES FACILITIES BOARD RECOMMENDATION  FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE JOINT SERVICE RESERVE COMPONENTS FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.  <div style="text-align: right;">12 Aug 99 Date</div>																							
9. LAND ACQUISITION REQUIRED  NONE				0 <i>(Number of acres)</i>																			
10. PROJECTS PLANNED IN NEXT FOUR YEARS  <table border="0" style="width: 100%;"> <thead> <tr> <th><u>FY</u></th> <th><u>LOCATION</u></th> <th><u>PROJECT TITLE</u></th> <th><u>ESTIMATED COST (\$000)</u></th> </tr> </thead> <tbody> <tr> <td>04</td> <td>AUSTIN</td> <td>READINESS CENTER</td> <td>28,516</td> </tr> <tr> <td>04</td> <td>AUSTIN</td> <td>ORGANIZATIONAL MAINTENANCE SHOP</td> <td>2,396</td> </tr> </tbody> </table> RPOM BACKLOG (\$000)    \$0  "A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."						<u>FY</u>	<u>LOCATION</u>	<u>PROJECT TITLE</u>	<u>ESTIMATED COST (\$000)</u>	04	AUSTIN	READINESS CENTER	28,516	04	AUSTIN	ORGANIZATIONAL MAINTENANCE SHOP	2,396						
<u>FY</u>	<u>LOCATION</u>	<u>PROJECT TITLE</u>	<u>ESTIMATED COST (\$000)</u>																				
04	AUSTIN	READINESS CENTER	28,516																				
04	AUSTIN	ORGANIZATIONAL MAINTENANCE SHOP	2,396																				

1.COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
3. INSTALLATION AND LOCATION <b>AUSTIN, (AUSTIN BERGSTROM INTERNATIONAL AIRPORT) TEXAS</b>		
11. PERSONNEL STRENGTH AS OF: 7 March 2000		
	<u>PERMANENT</u>	<u>GUARD/RESERVE</u>
	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u> <u>CIVILIAN</u>	<u>TOTAL</u> <u>OFFICER</u> <u>ENLISTED</u>
AUTHORIZED	78    17    61    0	480    160    320
ACTUAL	22    2    20    0	431    144    287
	Percentage=	90%
12. RESERVE UNIT DATA		
	<u>UNIT DESIGNATION</u>	<u>STRENGTH</u> <u>AUTHORIZED</u> <u>ACTUAL</u>
	HEADQUARTERS, HEADQUARTERS COMPANY, AVIATION BRIGADE MTOE 01-302LNG01    CCNUM: NG0194 UIC: WV7XAA    TPSN: 02049	40    40
	*HEADQUARTERS SERVICE COMPANY 449TH DIVISION AVIATION SUPPORT BATTALION MTOE 63885ANG01    CCNUM: NG0198 UIC: WPF2T0    TPSN: 02049	72    72
	*COMPANY A (-),449TH DIVISION AVIATION SUPPORT BATTALION MTOE 63885ANGO1    CCNUM: NG0198 UIC: WPF2A1    TPSN: 02049	143    143
	SUBTOTAL	255    255
<b>*Unit in a Carrier Status, E-Date: 01 Sept 2000</b>		
13. MAJOR EQUIPMENT AND AIRCRAFT		
	<u>TYPE</u>	<u>AUTHORIZED</u> <u>ASSIGNED</u>
	OH-58	6    6
	UH-60	12    12
	RAH-66	12    12
	C-12	1    1
	C-23	2    2
	<u>FUEL TRUCK</u>	<u>3</u> <u>3</u>
	TOTAL (ALL PERMANENTLY STATIONED)	36    36
14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:		
		(\$000)
	A. AIR POLLUTION	NONE
	B. WATER POLLUTION	NONE
	C. OCCUPATIONAL SAFETY AND HEALTH	NONE

1.COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01
3. INSTALLATION AND LOCATION  AUSTIN, (AUSTIN BERGSTROM INTERNATIONAL AIRPORT) TEXAS		
12. SUPPLEMENTAL DATA:		
<u>UNIT DESIGNATION</u>	<u>STRENGTH</u> <u>AUTHORIZED</u>	<u>ACTUAL</u>
TROOP D, 1ST SQUADRON, 124TH CAVALRY MTOE 17-285LNG01      CCNUM: NG0195 UIC: WPMXD0 TPSN: 02049	27	23
TROOP E, 1ST SQUADRON, 124TH CAVALRY MTOE 17-285LNG01      CCNUM: NG0195 UIC: WPMXE0 TPSN: 02049	27	20
TROOP F, 1ST SQUADRON, 124TH CAVALRY MTOE 17-285LNG01      CCNUM: NG0195 UIC: WPMXF0 TPSN: 02049	96	54
DETACHMENT 2, COMPANY H, 171ST AVIATION (C-23) MTOE 01-608ANG01      CCNUM: NG0197 UIC: WQRHA2 TPSN: 02049	10	9
TXARNG RECON AIR INTRADICTION DETATCHMENT (RAID) TDA NGW7X4AA      CCNUM: NG0191 UIC: W7XAAA TPSN: 46769	22	21
DETACHMENT 49, OPERATIONAL SUPPORT AIRLIFT COMMAND (C-12) TDA NGW7Y4AA      CCNUM: NG0194 UIC: W7Y449 TPSN: 46762	8	7
COMPANY A, 2ND BATTALION, 149TH AVIATION MTOE 01-305ANG02      CCNUM: NG0196 UIC: WQRYA0 TPSN: 02049	35	42
SUBTOTAL	225	176
<u>SUBTOTAL</u>	<u>255</u>	<u>255</u>
TOTAL	480	431

1. COMPONENT ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE Jun 01
3. INSTALLATION AND LOCATION AUSTIN, (AUSTIN BERGSTROM INTERNATIONAL AIRPORT) TEXAS			4. PROJECT TITLE Army Aviation Support Facility	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21110	7. PROJECT NUMBER 480177	8. PROJECT COST (\$000) 25,659	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>	<b>SM</b>	<b>15,493</b>		<b>17,158</b>
	SF	166,775		
ROTARY WING SUPPORT FACILITY	<b>SM</b>	<b>8,923</b>	<b>1,184</b>	(10,566)
	SF	96,051	110	
ROTARY WING UNHEATED STORAGE	<b>SM</b>	<b>3,979</b>	<b>807</b>	(3,212)
	SF	42,827	75	
FIXED WING FACILITY	<b>SM</b>	<b>1,746</b>	<b>1,184</b>	(2,067)
	SF	18,789	110	
FIXED WING UNHEATED STORAGE	<b>SM</b>	<b>530</b>	<b>807</b>	(428)
	SF	5,703	75	
GROUND SUPPORT EQUIP STORAGE	<b>SM</b>	<b>147</b>	<b>538</b>	(79)
	SF	1,580	50	
FIRE FIGHTING FACILITY	<b>SM</b>	<b>169</b>	<b>807</b>	(137)
	SF	1,824	75	
ENERGY MANAGEMENT SYSTEM (\$2.00/SF)	<b>SM</b>	<b>15,493</b>	<b>21.52</b>	(334)
		166,775	2	
FORCE PROTECTION	LS			(336)
<b>SUPPORTING FACILITIES</b>		-	-	<b>6,567</b>
SITE PREPARATION	LS	-	-	(500)
FINE GRADING & SEEDING	LS	-	-	(60)
PLANTING	LS	-	-	(300)
RIGID PAVING	<b>SM</b>	<b>79,089</b>	<b>44</b>	(3500)
	SY	94,593	37	
FLEXIBLE PAVING	<b>SM</b>	<b>16,931</b>	<b>18</b>	(304)
	SY	20,250	15	
FENCING	<b>M</b>	<b>902</b>	<b>48</b>	(44)
	LF	2,960	15	
SIDEWALKS	<b>SM</b>	<b>167</b>	<b>54</b>	(9)
	SF	1,800	5	
CURBING	<b>LM</b>	<b>1,500</b>	-	(10)
	LF	5,000		
FUEL STOR. & DISP. SYSTEM	LS	-	-	(600)
AIRCRAFT WASH FACILITY	LS	-	-	(200)
AIRFIELD LIGHTING	LS	-	-	(360)
EXTERIOR FIRE PREVENTION	LS	-	-	(100)
EXTERIOR SECURITY LIGHTING	LS	-	-	(80)
WATER/SEWER/GAS/ELECTRIC	LS	-	-	(500)
<b>SUBTOTAL</b>				<b>23,725</b>
<b>CONTINGENCY (5%)</b>				<b>1,186</b>
<b>SUBTOTAL</b>				<b>24,911</b>
<b>SUPERVISION, INSPECTION &amp; OVERHEAD (3%)</b>				<b>747</b>
<b>TOTAL PROJECT</b>				<b>25,659</b>
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				860
				0
10. DESCRIPTION OF PROPOSED CONSTRUCTION				
A specially designed aviation facility of permanent masonry and steel construction with built-up roof, concrete floor, mechanical and electrical equipment. Partitions of masonry block. Supporting facilities are rigid and flexible paving for aircraft parking/tie down pads, ground support equipment, taxi lanes, fuel storage/dispensing system, aircraft wash facility, exterior lighting, fire protection, and fencing. <i>Air conditioning</i> - 60 tons.				

1.COMONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01
3. INSTALLATION AND LOCATION  AUSTIN, (AUSTIN BERGSTROM INTERNATIONAL AIRPORT) TEXAS		
4. PROJECT TITLE  Army Aviation Support Facility	4. PROJECT NUMBER  480177	
<p>11. REQUIREMENT: 13,117 SM 141,193 SF ADEQUATE: N/A SUBSTANDARD: N/A</p> <p><u>PROJECT:</u> this project is to build a 30 Aircraft AASF of permanent type construction to serve the peace time missions of the supported units. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. (Future and Current Mission).</p> <p><u>REQUIREMENT:</u> An AASF and supporting facilities to adequately provide the units housed in this facility with hangar, administrative, supply, and maintenance shop space</p> <p><u>CURRENT SITUATION:</u> The Bergstrom AFB was closed due to BRAC action. The property was reverted to the City of Austin who has relocated the Airport originally located at 51st Street, to the Bergstrom site. All flight operations have ceased at the 51st street location. The National Guard aviation facility and its supporting facilities have also relocated from 51st street site to temporary facilities at the Bergstrom site in order to continue its flight operation mission. The temporary facilities are inadequate to provide the necessary space and equipment needed to perform organizational and intermediate aircraft maintenance. The Aviation Support Facility is operating out seven seperate facilities on a five acre lot.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without this project the aviation units' readiness will be adversely affected due to having no capability of maintenance support. The overall readiness of the National Guard could also be adversely affected as the units would become a non-mobilization asset if this project is not provided.</p> <p><u>ADDITIONAL:</u> This project has been coordinated with the the State Physical Security Officer and no force protection/combatting terrorism measures other than those physical security measures required by regulations and design guides for protecting federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (draft) 415-12, dated 01 JAN 00 and Design Guide 415-1, date 1 June 1997. The most similar DoD standards for Aviation Support Facility construction do not address all of the current criteria incorporated in the Army National Guard Army Aviation Support Facility design and thus do not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop base line unit cost and were adjusted for size, fiscal year, and location. An economical analysis has been prepared.</p> <p><u>ANTI-TERRORISM /FORCE PROTECTION:</u> This project has been coordinated with the installations AT/FP plan. Risk and threat analysis have been performed in accordance with DA PAM 190/51 and TM 5-853-1, respectively. Only protective measures required by regulation and only the minimum standards required by the "Interim Dept of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate.</p> <p><u>ANTI-TERRORISM /FORCE PROTECTION: SUMMARY OF RISK ANALYSIS,</u> Risk analysis shows a low level of threat to this area and facilities. Minimal protection is required and will include as a minimum lamenated windows, structure reinforcement, and stand-off measures as determined by the facility design.</p> <p><u>JOINT USE CERTIFICATION:</u> 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>AT/FP POC: 512-465-5001</p> <p>CFMO: COL John Wells 512-465-5001 x5395</p>		

1. COMPONENT  ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE  Jun 01	
3. INSTALLATION AND LOCATION  AUSTIN, (AUSTIN BERGSTROM INTERNATIONAL AIRPORT) TEXAS			
4. PROJECT TITLE  Army Aviation Support Facility		5. PROJECT NUMBER  480177	
12. SUPPLEMENTAL DATA:			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....		<u>Feb-01</u>	
(b) PERCENT COMPLETE AS OF JANUARY 2002.....		<u>65%</u>	
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....		<u>Jul-01</u>	
(d) DATE DESIGN COMPLETE.....		<u>Jun-02</u>	
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....		<u>NO</u>	
(f) TYPE OF DESIGN CONTRACT.....		<u>DESIGN ONLY</u>	
(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE COMPLETED DURING FINAL DESIGN			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN - YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
(b) WHERE DESIGN WAS MOST RECENTLY USED		<u>N/A</u>	
(3) TOTAL DESIGN COST (c) = (a) + (b) or (d) + ( (\$000)			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....		<u>(1,495)</u>	
(b) ALL OTHER DESIGN COSTS .....		<u>(747)</u>	
(c) TOTAL.....		<u>(2,242)</u>	
(d) CONTRACT (9%).....		<u>(2,242)</u>	
(e) IN-HOUSE.....		<u>0.0</u>	
COST OF REPRODUCTION OF PLANS AND SPECS..		<u>0.0</u>	
(4) CONSTRUCTION CONTRACT AWARD DATE		<u>Aug-02</u>	
(5) CONSTRUCTION START		<u>Oct-02</u>	
(6) CONSTRUCTION COMPLETION DATE		<u>Jun-04</u>	
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST (\$000)
TELCOM	OMNG	FY 04	300
J-SIIDS	OPA	FY 04	10
FURNITURE	OMNG	FY 04	50
CCTV	OPA	FY 04	<u>500</u>
			<b>860</b>

1. COMPONENT ARNG	FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE Jun 01
3. INSTALLATION AND LOCATION OSHKOSH, WISCONSIN		INSNO= 55C45	4. AREA CONSTR COST INDEX 1.14
5. FREQUENCY AND TYPE OF UTILIZATION NORMAL ADMINISTRATION FIVE DAYS PER WEEK, WITH A TWO-DAY TRAINING ASSEMBLY TWO OR THREE TIMES PER MONTH.			
6. OTHER ACTIVE/GUARD/RESERVE INSTALLATIONS WITHIN 15 MILES RADIUS			
ARNG	OSHKOSH	2 MILES	ARMORY 18,885 SF 1962
ARNG	WISCONSIN RAPIDS	50 MILES	OMS #14 10,064 SF 1961
7. PROJECTS REQUESTED IN THIS PROGRAM:			
CATEGORY			COST
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>DESIGN STATUS</u>
21407	Organizational Maintenance Shop	2,078 SM 22,363 SF	5,274 02/99 06/02
8. STATE GUARD/RESERVE FORCES FACILITIES BOARD RECOMMENDATION			
FACILITIES IDENTIFIED IN ITEM #6 HAVE BEEN EXAMINED BY THE STATE RESERVE FORCES FACILITIES BOARD FOR POSSIBLE JOINT USE/EXPANSION. THE BOARD RECOMMENDATIONS ARE UNILATERAL CONSTRUCTION.			26 OCT 00 (Date)
9. LAND ACQUISITION REQUIRED			0 (Number of acres)
NONE			
10. PROJECTS PLANNED IN NEXT FOUR YEARS			
CATEGORY			COST
<u>CODE</u>	<u>PROJECT TITLE</u>	<u>SCOPE</u>	<u>\$(000)</u>
NONE			
RPM BACKLOG (\$000):		\$7.6	
A SITE SURVEY HAS BEEN COMPLETED AND THE SITE IS SUITABLE FOR CONSTRUCTION OF THE PROPOSED PROJECT AT THE ESTIMATED COST INDICATED."			







1. COMPONENT ARNG		FY 2002 MILITARY CONSTRUCTION PROJECT DATA		2. DATE Jun 01	
3. INSTALLATION AND LOCATION OSHKOSH, WISCONSIN			4. PROJECT TITLE Organizational Maintenance Shop		
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE 21407	7. PROJECT NUMBER 550003	8. PROJECT COST (\$000) 5,274	
9. COST ESTIMATES					
ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
<b>PRIMARY FACILITY</b>					<b>(3316.1)</b>
OMS BUILDING		SM	1,864	1,657.7	(3089.7)
		SF	20,063	154.0	
FLAMMABLE MATs FACILITY		SM	23	645.9	(15.0)
		SF	250	60.0	
CONTROLLED WASTE FACILITY		SM	28	538.2	(15.0)
		SF	300	50.0	
UNHEATED STORAGE BLD		SM	163	538.2	(87.5)
		SF	1,750	50.0	
ANTI-TERRORISM FORCE PROTECTION (2%)		LS	-----	0	(64.1)
ENERGY MANAGEMENT CONTROL SYSTEM (\$2.00 PER SF)					(44.7)
<b>SUPPORTING FACILITIES</b>					<b>(1560.7)</b>
SITE PREPARATION		LS	-----	0	(180.0)
FINE GRADING & SEEDING		LS	-----	0	(50.0)
PLANTING		LS	-----	0	(9.6)
RIGID PAVING		SM	5,777	33.5	(193.5)
		SY	6,910	28.0	
FLEXIBLE PAVING		SM	593	17.9	(10.6)
		SY	709	15.0	
FENCING		M	336	45.8	(15.4)
		LF	1,102	14.0	
SIDEWALKS		SM	167	43.1	(7.2)
		SF	1,800	4.0	
ENCLOSED WASH PLATFORM		LS	-----	0	(140.0)
FUEL STORAGE & DISPENSING SYSTEM		LS	-----	0	(89.0)
EXTERIOR LIGHTING		LS	-----	0	(85.4)
LUBE AND INSPECTION RAMP/ENCLOSURE		LS	-----	0	(135.0)
LOAD RAMP		LS	-----	0	(150.0)
DETACHED FACILITY SIGN		LS	-----	0	(5.0)
EXTERIOR FIRE PROTECTION		LS	-----	0	(150.0)
UTIL'S:WATER/SEWER/GAS/ELEC		LS	-----	0	(315.0)
OIL/WATER SEPARATOR		LS	-----	0	(25.0)
<b>SUBTOTAL</b>					<b>(4876.8)</b>
CONTINGENCY (5% X 4876.769992)					(243.8)
<b>SUBTOTAL</b>					<b>(5120.6)</b>
SUPERVISION, INSPECTION & OVERHEAD (3% X 5120.569992)					(153.6)
<b>TOTAL FEDERAL REQUEST</b>					<b>(5274.2)</b>
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)					(36.0)
10. DESCRIPTION OF PROPOSED CONSTRUCTION: Construction of a maintenance facility with five (5) work bays, plus administrative, personnel, and work areas. Constructed of concrete block and brick veneer masonry, with concrete floors and a standing seam metal roofing system. Supporting facilities include military and customer vehicle parking, fencing, a wash platform, fuel storage & dispensing system, lube & inspection rack, loading ramp, controlled waste handling facilities, sidewalks, exterior lighting, and access roads. Force protection measures will include siting the building to maximize standoff distance from public roads and parking areas, landscape, berms, and steel pipe bollards.					
Air Conditioning -		3 TONS			

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (Continuation)		2. DATE Jun 01
3. INSTALLATION AND LOCATION OSHKOSH, WISCONSIN		INSNO= 55C45	4. PROJECT TITLE Organizational Maintenance Shop
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 550003	8. PROJECT COST (\$000) 5,274
11. REQUIREMENT: <u>2,078</u> SM <u>22,363</u> SF ADEQUATE: <u>NA</u> <u>SM</u> <u>SF</u> SUBSTANDARD: <u>NA</u> <u>SM</u> <u>SF</u>			
<p><b>PROJECT:</b> A new maintenance facility to provide adequate organizational maintenance on military vehicles and equipment supported by this maintenance shop. Site of project will be on state land contiguous with the site of an existing ARNG Readiness Center. (Current Mission)</p> <p><b>REQUIREMENT:</b> A facility requirement of 1546 SM (16,639 SF) is needed to provide a safe and efficient work environment in which maintenance at the organizational level can be performed on vehicles authorized to the units which will be supported by this maintenance shop.</p> <p><b>CURRENT SITUATION:</b> The shop is located in Oshkosh, WI and was originally built in 1956. Since the existing facility was constructed, the federal missions have changed, vehicles and equipment have increased in size, and maintenance requirements have become more complicated. These changes have caused a severe lack of functional work and storage space in the existing facility. Renovating, altering, and repairing the existing building is not economical due to the small size of the site and the level of building deterioration. The technicians that will be working in the proposed facility currently occupy an overcrowded, unsafe, and substandard maintenance shop. The 1999 Installation Status Report completed 23 Mar 99 shows all categories for this facility as being Red with an overall Quality Rating as RED. The Annual OSHA report also showed this facility as being substandard. Even though management and labor force are enforcing the safety and occupational programs to best of their abilities the facility itself is substandard. The shop consists of two buildings that are located across the street from each other.</p> <p>This creates concerns because of traffic as well as potential for trips, slips and falls during inclement weather. There is inadequate workbay area with average workbay being 35' x 16'. The average vehicle size in the workbays are 8'3" x 26'6". The larger vehicles makes it difficult for means of egress as well as identifying exit aisles because of vehicles, workbenches and toolboxes. In addition vehicles must back directly into the street when exiting the bays. The vehicle exhaust system was evaluated in 1998. Exhaust volumes ranged from 364 to 505cfm which is not adequate for all vehicles when maintenance is performed. There is only one bay that has an exhaust for Armored Personnel Carriers. The administrative portion of the building was also reported as being unsafe. There is no hot water or exhaust fan. In addition there is no room for lockers. There is one small break room which is only 10' x 10'. There is no room for all the employees to take breaks, have lunch or conduct safety council meetings or training. In addition to above there are numerous NEC and NFPA code violations.</p> <p><b>IMPACT IF NOT PROVIDED:</b> The existing facility's deficiencies will continue to negatively impact work efficiency, and troop morale. The lack of adequately sized and equipped maintenance, training, storage, and administrative areas will continue to impair the units' ability to attain the required level of mobilization readiness. Continued use of the substandard shop causes an increased risk of injury to military and civilian personnel and/or fire damage to state and federal property. In addition the current facility is detrimental to the health, safety and welfare of our soldiers, and employees. As reported in the 1999 ISR this facility is rated as Red in all categories creating in nearly all areas unsafe conditions. In addition the most recent OSHA report lists many areas that are unsafe for the safety and health of our employees and soldiers.</p>			

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA ( <i>Continuation</i> )		2. DATE Jun 01
3. INSTALLATION AND LOCATION OSHKOSH, WISCONSIN		INSNO= 55C45	4. PROJECT TITLE Organizational Maintenance Shop
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 550003	8. PROJECT COST (\$000) 5,274

ADDITIONAL: This project has been coordinated with the state physical security officer and no force protection/combating terrorism measures other than those mandated by regulations and design guides for protecting federal property are required. This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 14 Aug 1998 and Design Guide 415-2 dated 1 July 1997. The most similar DOD standards for maintenance shop construction do not address all of the current criteria incorporated in the ARNG Design Guides and thus do not yield accurate cost estimates. Therefore, the state historical costs for construction of like facilities was used to develop baseline unit cost and was adjusted for size, fiscal year and location. An economic analysis was prepared and utilized to evaluate this project. Alternative methods of meeting the facility requirement have been explored during project development. It was determined that this project is the only feasible option available to meet the requirement. Parametric estimates have not been used to develop project cost.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components.

AT/FP/MAJ Richard Zierath / (608)242-3532

CFMO/LTC Jeffrey Liechten / (608)242-3365

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA ( <i>Continuation</i> )		2. DATE Jun 01
3. INSTALLATION AND LOCATION OSHKOSH, WISCONSIN		INSNO= 55C45	4. PROJECT TITLE Organizational Maintenance Shop
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 550003	8. PROJECT COST (\$000) 5,274

ANTITERRORISM/FORCE PROTECTION: This project has been coordinated with the installations AT/FP plan. Risk and threat analysis have been performed in accordance with DA Pam 190/51 and TM 5-853-1, respectively. Only protective measures required by regulation and ONLY the minimum standards required by the "Interim Department of Defense AT/FP Construction Standards" are needed. They are included in the cost estimate and description of construction.

**SUMMARY OF RISK AND THREAT ANALYSIS**

*Method used to perform the risk & threat analysis:* Per DA Pam 190/51 and TM 5-853-1

*Date of risk & threat analysis:* 19 Jan 01

*Members of planning board:* MAJ Steve Lewis (Logistics), MAJ Richard Zierath (Intelligence & Security), CPT Daniel L Pulvermacher (Engineering), WO Edgar Sutta (User & Operations).

*Findings of the risk & threat analysis:* Threat to asset category B items is Level II and threat to asset category C, I, and O items is Level I.

*Physical protective measures:* Controlled access to the facility will be established by providing a perimeter fence around the entire military vehicle parking area to include the POL and three sides of the facility; Off-Limit signs will be posted throughout the fencing and the facility; safety & security lighting will be provided around the facility and parking areas; a key control program will be established; repair parts will be locked in a separate room and will be secured in caging/containers; bulk POL will be stored and secured in a separate room; facility will be located within view of the current Armory; no line of approach is perpendicular to the facility; facility will have minimal vehicle access points; VIP parking will be located a safe distance from the building, and a physical security plan will be established at this facility.

AT/FP/MAJ Richard Zierath / (608)242-3532

CFMO/LTC Jeffrey Liechten / (608)242-3365

1. COMPONENT ARNG	FY 2002 MILITARY CONSTRUCTION PROJECT DATA (Continuation)	2. DATE Jun 01	
3. INSTALLATION AND LOCATION OSHKOSH, WISCONSIN      INSNO = 55C45		4. PROJECT TITLE Organizational Maintenance Shop	
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE 21407	7. PROJECT NUMBER 550003	8. PROJECT COST (\$000) 5,274
12. SUPPLEMENTAL DATE			
a. ESTIMATED DESIGN DATA:			
(1) STATUS:			
(a) DATE DESIGN STARTED.....			02/99
(b) PERCENT COMPLETE AS O MARCH      2001 .....			35%
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE.....			03/01
(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE.....			06/02
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS.....			NO
(f) TYPE OF DESIGN CONTRACT.....			Design-Bid-Build
(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN.			
(2) BASIS:			
(a) STANDARD OR DEFINITIVE DESIGN      YES      NO <u>X</u>			
(b) WHERE DESIGN WAS MOST RECENTLY USED			NA
(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e)      (\$000)			
(a) PRODUCTION OF PLANS AND SPECIFICATIONS.....			(292.6)
(b) ALL OTHER DESIGN COSTS.....			(146.3)
(c) TOTAL.....			(439)
(d) CONTRACT.....      9% .....			(439)
(e) IN-HOUSE.....			(0.0)
COST OF REPRODUCTION OF PLANS AND SPECS.....			(7.5)
(4) CONSTRUCTION CONTRACT AWARD DATE			07/02
(5) CONSTRUCTION START			09/02
(6) CONSTRUCTION COMPLETION DATE			04/04
b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS			
EQUIPMENT <u>NOMENCLATURE</u>	PROCURING <u>APPROPRIATION</u>	FISCAL YEAR <u>APPROPRIATION</u> <u>OR REQUESTED</u>	COST <u>(\$000)</u>
TELECOM	OMNG	FY 03	15
FURNITURE	OMNG	FY 03	21
TOTAL			36

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE Jun 01		
3. INSTALLATION AND LOCATION  NATIONWIDE UNSPECIFIED			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION			
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE N/A	7. PROJECT NUMBER N/A	8. PROJECT COST (\$000) 4,671			
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
UNSPECIFIED MINOR CONSTRUCTION						4,671
10. DESCRIPTION OF PROPOSED CONSTRUCTION  Construct unspecified minor construction projects, including construction, alteration, or conversion of permanent or temporary facilities or land acquisition as authorized under Title 10 USC 18233a (a) (1).						
11. REQUIREMENT  To provide funds for the construction of projects not otherwise authorized by law. Such requirements are the result of recognized facility shortfalls, unforeseen conditions resulting from changes in mission and equipment, or to correct damage caused by severe weather or other acts of nature. The dollar cost for correcting these identified shortfalls are such that they do not require specific authorization in the regular Military Construction Program. <u>CURRENT SITUATION:</u> These urgent unforeseen project address high priorities such as critical mission requirements, environmental protection, health, and safety. These projects can not wait until the next annual budget submission.						

1. COMPONENT ARNG	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>			2. DATE June 01		
3. INSTALLATION AND LOCATION  NATIONWIDE UNSPECIFIED			4. PROJECT TITLE  PLANNING AND DESIGN			
5. PROGRAM ELEMENT 0505896A	6. CATEGORY CODE N/A	7. PROJECT NUMBER N/A	8. PROJECT COST (\$000) 25,794			
9. COST ESTIMATES						
ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
PLANNING AND DESIGN						25,794
10. DESCRIPTION OF PROPOSED CONSTRUCTION  Provides funding to prepare engineering plans, designs, drawings and specifications required to execute the Army National Guard military construction program.						
11. REQUIREMENT  Funds requested are required to plan Army National Guard military construction projects. Funding request is considered to be the required minimum.						



1.COMPONENT <b>ARNG</b>	<b>FY 2002 GUARD AND RESERVE MILITARY CONSTRUCTION</b>	2. DATE Jun 01
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3. INSTALLATION AND LOCATION  
HUNTSVILLE, ALABAMA

12. SUPPLEMENTAL DATA:

<u>UNIT DESIGNATION</u>	<u>STRENGTH AUTHORIZED</u>	<u>ACTUAL</u>
2117TH MAINTENANCE COMPANY UIC: WTQBAA TPSN: 31163 MTOE: 43607LNG01	84	56
1117TH ORDNANCE TEAM UIC: WTXHAA TPSN: 33900 MTOE: 09529LNG99	21	16
SUBTOTAL	<u>105</u>	<u>72</u>
TOTAL	<u>519</u>	<u>375</u>