FISCAL YEAR (FY) 2000/2001 BIENNIAL BUDGET ESTIMATES

ARMY NATIONAL GUARD





MILITARY CONSTRUCTION PROGRAM

FY 2000

JUSTIFICATION DATA SUBMISSION TO CONGRESS

FEBRUARY 1999

DEPARTMENT OF THE ARMY

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MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

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TABLE 1. SUMMARY PROJECT LIST MAJOR MILITARY CONSTRUCTION ARMY NATIONAL GUARD FISCAL YEAR 2000 (DOLLARS IN THOUSANDS)

<u>STATE</u>	INSTALLATION AND PROJECT	AUTH AMOUNT	APPROP	FORMS 1391 PAGE
	INSIDE THE UNITED STA	ATES		
ALASKA	FORT RICHARDSON (ANCHORAGE) COMBINED SUPPORT MAINTENANCE SHOP/MANEUVER AREA TRAINING EQUIPMENT SITE (CSMS/MATES)	<u>13,85</u>	<u>0</u> <u>2,940</u>	5
	STATE TOTAL	13,85	0 2,940	
ILLINOIS	MARSEILLES TRAINING AREA (MARSEILLES) BATTALION TRAINING COMPLEX STATE TOTAL		2 2,325 2 2,325	10
NORTH CAROLINA	CHARLOTTE ORGANIZATIONAL MAINTENANCE SHOP (OMS) READINESS CENTER STATE TOTAL	7,08	7 912 7 <u>1,504</u> 4 2,416	
WASHINGTON	YAKIMA TRAINING CENTER (YAKIMA) MANEUVER AREA TRAINING EQUIPMENT SITE, PHASE I	16,31	<u>6</u> <u>3,46</u> 4	<u>1</u> 27
	STATE TOTAL	16,31	6 3,464	1
TOTAL MAJOR	CONSTRUCTION	52,50	2 11,145	5

STATE	INSTALLATION AND PROJECT	AUTH AMOUNT	DD APPROP <u>AMOUNT</u>	FORMS 1391 PAGE
SUPPORT:				
	PLANNING AND DESIGN MINOR CONSTRUCTION	4,129 771	4 , 129 771	31 32
	SUBTOTAL SUPPORT	4,900	4,900	
GRAND TOTAL	AUTHORIZATION/APPROPRIATIONS	57 , 402	16,045	

TABLE 2
SUMMARY OF PROJECT INCREMENTS REQUIRING ADVANCE APPROPRIATIONS
(DOLLARS IN THOUSANDS)

LOCATION STATE	AUTHORIZATION REQUESTED AMOUNT FY00	APPROPI	IATIONS & RIATIONS ESTED AMOUNT
<u></u>			<u> </u>
INSIDE	THE UNITED STATES	<u>}</u>	
ALASKA FORT RICHARDSON (ANCHORAGE) COMBINED SUPPORT MAINTENANC SHOP/MANEUVER AREA TRAINING EQUIPMENT SITE (CSMS/MATES)		2 , 940	10,910
EQUIFMENT SITE (CSMS/MATES)	13,030	2,940	10,910
ILLINOIS MARSEILLES TRAINING AREA (MARSEILLES) BATTALION TRAINING COMPLEX	10,952	2,325	8 , 627
NORTH CAROLINA CHARLOTTE ORGANIZATIONAL MAINTENANCE SHOP(OMS) READINESS CENTER	4,297 7,087	912 1 , 504	3,385 5,583
WASHINGTON YAKIMA TRAINING CENTER (YAKIMA) MANEUVER AREA TRAINING EQUIPMENT SITE, PHASE I	16,316	3,464	<u>12,852</u>
ADVANCE APPROPRIATIONS REQUESTED AUTHORIZATION OF APPROPRIAT	TIONS	11,145	41,357
REQUESTED		11,145	41,357

NEW MISSION / CURRENT MISSION FISCAL YEAR 2000 MILITARY CONSTRUCTION

LOCATION	PROJECT	(000)	CURRENT
FORT RICHARDSON ANCHORAGE, AK	COMBINED SUPPORT MAINTENANCE SHOP/MANEUVER AREA TRAINING SITE	2,940	С
MARSEILLES TRAININ AREA MARSEILLES, IL	G BATTALION TRAINING COMPLEX	2,325	С
CHARLOTTE, NC	ORGANIZATIONAL MAINTENANCE SHOP (OMS) READINESS CENTER	912 1,504	C C
YAKIMA TRAINING CENTER YAKIMA, WA	MANEUVER AREA TRAINING EQUIPMENT SITE, PHASE I	3,464	С
TOTAL CURRENT MISS TOTAL PLANNING & D TOTAL MINOR CONSTR	ESIGN	11,145 4,129 771	
	GRAND TOTAL	16,045	

DEPARTMENT OF THE ARMY

JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 2000

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 \$16,045,000 to remain available until 30 September 2004. In addition, for completion of projects begun in Fiscal Year 2000, \$41,357,000, to become available on October 1, 2000 and to remain available until September 30, 2005. Further, for the foregoing purposes, \$48,000,000, to become available on October 1, 2000 and remain available until September 30, 2005.

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.

<u>USE OF EXCESS SCHOOLS AND OTHER BUILDINGS</u>: 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: \$116.0 million in the FY00 ARNG Real Property Operations and Maintenance Program will maintain 36,825,695 SF in 5,772 logistical support buildings. Furthermore, it supports 283 training sites, 12,834 buildings totaling 36,558,417 SF in the 54 States, Territories and Commonwealths used by the ARNG, and other DoD component forces. The funding is dedicated to Annual Recurring Maintenance of \$55.8 million and routine or emergency maintenance and repair projects of approximately \$60.2 million.

LONG-TERM FACILTIES 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.

Therefore, 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:

House of Representatives Military Construction Appropriations Bill, 1999 (H.R. 105-578), dated 16 June 1998.

(Page 18) 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 February 1999.

(Page 18) Annual Reporting Requirement - Armory Infrastructure. The Secretary of the Army, the Chief 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, 1999 on the status of armory infrastructure.

ARNG Response: This report will be submitted to Congress in

February 1999.

- (Page 18) California—Los Angeles/Azusa: Readiness Center. The committee directs the Secretary of the Army to report by January 15, 1999 on the plan and schedule for the consolidation and replacement of existing armories in Los Angeles, CA. ARNG Response: This report will be submitted to Congress in January 1999.
- (Page 18) 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 submission of the Future Years Defense Plan to include explanatory notes justifying any modification of prior year plans.

ARNG Response: The Future Years Defense Plan is included with this budget book.

Senate Military Construction Appropriation Bill, 1999 (S.R. 105-213), dated 11 June 1998.

(Page 21) Camp Rowland, CT. - Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$1,200,000 be made available for the design of a leadership training academy at Camp Rowland, CT.

ARNG Response: Connecticut Army National Guard must resubmit DD Forms 1390/91 and Military Construction Cooperative Agreement before design contract can be reimbursed.

(Page 15) Chicago Military Academy, Chicago, IL. - The Committee urges the Army to assess the feasibility of converting the Eighth Regiment Armory in Chicago, IL, into a Chicago Military Academy for Junior Reserve Officer Training Corps (JROTC).

ARNG Response: Headquarters Cadet Command received a request on December 2, 1998, from the Chicago Military Academy asking to establish a JROTC program. The Army is currently funded and staffed for 1,370 JROTC units, all of which are currently

- operating. An additional 211 units are on a waiting list for establishment. The Chicago Military Academy will be added to that waiting list.
- (Page 21) Regional Training Center, Ft. Harrison, MT. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$150,000 be made available for the design of a regional training center at Ft Harrison, MT.
- **ARNG Response:** The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau and should be completed by 30 January 1999. Design authority will then be granted to the State.
- (Page 21) Aviation Support Facility, Concord, NH. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$350,000 be made available for the design of an aviation support facility in Concord, NH.
- **ARNG Response:** New Hampshire Army National Guard must resubmit DD Forms 1390/91, Military Construction Cooperative Agreement and National Environmental Policy Act documents before design contract can be reimbursed.
- (Page 21) Armed Forces Reserve Center, Sand Springs, OK. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$972,000 be made available for the design of a Armed Forces Reserve Center in Sand Springs, OK.
- **ARNG Response:** The State has been authorized to proceed in the design of this project. A design contract award is anticipated in March 1999.
- (Page 21) Armory, Juneau, AK. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$730,000 be made available for the design of an armory in Juneau, AK.
- **ARNG Response:** The design of this project has been funded and a design contract has been awarded.
- (Page 21) Advanced Technology Training Center, Ft Harrison, MT. Of the \$8,546,000 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 an advanced technology training center at Ft Harrison, MT.
- **ARNG Response:** The design of this project has been funded and a design contract has been awarded. Once National Guard Bureau has approved the final designs, the State will be granted the

- authority to bid the project and receive reimbursement for construction costs in accordance with the bid results and appropriate statutes.
- (Page 21) Army Aviation Support Hangar, Los Alamitos, CA. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$1,100,000 be made available for the design of an aviation support hangar in Los Alamitos, CA.
- **ARNG Response:** The programming documents (DD Forms 1390/91) have not been received from the State. When they are received, they will be staffed within National Guard Bureau. Once this staffing is complete, design authority will be granted to the State.
- (Page 21) Readiness Center, Oxford, MS. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$500,000 be made available for the design of a readiness center at Oxford, MS.
- **ARNG Response:** The design of this project has been funded and a design contract has been awarded.
- (Page 21) Regional Maintenance and Repair Facility, Henderson, TN. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$70,000 be made available for the design of a regional maintenance and repair facility, Henderson, TN.
- **ARNG Response:** The design of this project has been funded and a design contract has been awarded. Please note that this project is an Organizational Maintenance Shop.
- (Page 22) Organizational Maintenance Shop, Fair Haven, VT. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$200,000 be made available for the design of an organizational maintenance shop at Fair Haven, VT.
- **ARNG Response:** Vermont Army National Guard must resubmit DD Forms 1390/91 and Military Construction Cooperative Agreement before design contract can be reimbursed.
- (Page 22) Utilities Upgrade, Los Alamitos Armed Forces Reserve Center, CA. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$710,000 be made available for the design of a utilities upgrade for the Los Alamitos Armed Forces Reserve Center, CA.

- ARNG Response: The programming documents (DD Forms 1390/91) have not been received from the State. When they are received, they will be staffed within National Guard Bureau. Once this staffing is complete, design authority will be granted to the State.
- (Page 22) Organizational Maintenance Shop, Henderson, TN. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$203,000 be made available for the design of an organizational maintenance shop in Henderson, TN.
- **ARNG Response:** The design of this project has been funded and a design contract has been awarded. Please note that this project is a Readiness Center.
- (Page 22) Ammunition Supply Point, Camp Roberts, CA. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$640,000 be made available for the design of an ammunition supply point at Camp Roberts, CA.
- **ARNG Response:** The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau and should be completed by 15 February 1999. Design authority will then be granted to the State.
- (Page 22) CSMS, Phase II, Camp Ripley, MN. Of the \$15,401,000 provided for planning and design within the "Army National Guard" account, the Committee directs that not less than \$250,000 be made available for the design of a CSMS at Camp Ripley, MN.
- **ARNG Response:** The design of this project has been funded and a design contract has been awarded.
- (Page 22) Qualification Training Range, Fort Harrison, MT. Of the \$8,546,000 provided for unspecified minor construction within the "Army National Guard" account, the Committee directs that not less than \$1,437,000 be made available for a qualification training range at Fort Harrision, MT.
- ARNG Response: The design of this project has been funded and a design contract has been awarded. Once National Guard Bureau has approved the final designs, the State will be granted the authority to bid the project and receive reimbursement for construction costs in accordance with the bid results and appropriate statutes.
- (Page 22) Army Scout Armories, AK. Of the \$8,546,000 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 Army National Guard Scout armories in Kwigillingok, Napaskiak, and Craig.

ARNG Response: The design of this project has been funded and a design contract has been awarded. Once National Guard Bureau has approved the final designs, the State will be granted the authority to bid the project and receive reimbursement for construction costs in accordance with the bid results and appropriate statutes.

(Page 22) Multipurpose Range (Phase III), CP Shelby, MS. - This range supports critical training for the National Guard enhanced readiness brigades in the Southeastern United States. Existing facilities are inadequate to meet new Army training strategies for the 155th Separate Armored Brigade for tank crew and gunnery platoon qualification. The final supplemental environmental impact statement for the proposed project construction was recently completed by the Army. The committee encourages the National Guard Bureau to incorporate this readiness project into their long range resourcing plan.

ARNG Response: This project is in the military construction Future Years Defense Plan for fiscal year 2005.

(Page 22) Dual-use Training Facility, Northfield, VT. - In the fiscal year 1998 Military Construction bill, the Committee directed that not less than \$1,000,000 be made available from the "Army National Guard" account for planning and design of the dual use training facility in Northfield, VT. Of that amount, only \$300,000 has been obligated to date. The Committee urges the Army National Guard to complete design work on this project.

ARNG Response: The design of this project has been funded and a design contract has been awarded Current estimates show that the design will be finished in December 1999.

(Page 23) National Guard Training and Community Center, Monticello, MN. - Of the \$8,546,000 provided for unspecified minor construction within the "Army National Guard" account, the Committee directs that not less than \$1,100,000 be made available to build a training and community center in Monticello, MN.

ARNG Response: This project has been bid. It is awaiting a legal opinion prior to releasing military construction funds. Once National Guard Bureau has approved the final design, the State will be reimbursed for construction costs in accordance with the bid results and appropriate statutes.

(Page 23) Armed Forces Reserve Center, Smyrna, TN. - Of the \$15,401,000 provided for planning and design within the "Army

National Guard" account, the Committee directs that not less than \$1,500,000 be made available for the design of an Armed Forces Reserve Center in Smyrna, TN.

ARNG Response: The programming documents (DD Forms 1390/91) are being staffed within National Guard Bureau and should be completed by 30 January 1999. Once this staffing is completed, design authority will be granted to the State.

(Page 23) Armed Forces Reserve Center, Salem, OR. - The Committee urges the Army National Guard to review the requirement for the Armed Forces Reserve Center located in Salem, OR, for inclusion in the fiscal year 2000 budget request. In addition to housing five Reserve component units, this facility will also serve as the headquarters for emergency coordination of the Oregon State Police.

ARNG Response: This project is in the military construction Future Years Defense Plan for fiscal year 2001.

(Page 23) C-12 Aircraft Hangar, AASF, Washoe County, NV. - Of the \$8,546,000 provided for unspecified minor construction within the "Army National Guard" account, the Committee directs that not less than \$1,313,000 be made available to build a C-12 hangar in Washoe County, NV.

ARNG Response: The design of this project has been funded and a design contract has been awarded. Once National Guard Bureau has approved the final designs, the State will be granted the authority to bid the project and receive reimbursement for construction costs in accordance with the bid results and appropriate statutes.

(Page 23) OMS, Camp Crowder, Neosho, MO. - Of the \$8,546,000 provided for unspecified minor construction within the "Army National Guard" account, the Committee directs that not less than \$1,450,000 be made available to add and alter the organizational maintenance shop (OMS) at Camp Crowder, Neosho, MO.

ARNG Response: The programming documents (DD Forms 1390/91) are being staffed within NGB. Staffing should be completed by 30 January 1999 and design authority will then be granted to the State. Once National Guard Bureau has approved the final designs, the State will be granted the authority to bid and receive reimburse in accordance with the bid results.

House of Representatives Appropriations Conference Report (H.R. 105-647), dated 24 July 1998.

(Page 14) Iowa-Camp Dodge: Damaged and Destroyed Facilities. - The conferees direct the National Guard Bureau to report on

tornado and wind damage sustained on 29 June 1998. This report is to be submitted within 30 days of enactment of this Act, and is to include an assessment of requirements for repair and replacement.

ARNG Response: This report was submitted to Congress in October 1998.

(Page 14) Montana-Fort Harrison: Sewer System. - The conferees agree to grant the Army National Guard reprogramming approval up to the amount of \$1,200,000 to cover the Army National Guard's contribution for connecting the Fort Harrison complex to the city sewer system, subject to approval of the proposed source of funds.

ARNG Response: National Guard Bureau is waiting on the Veterans Administration to request the \$1,200,000 to cover the Federal share. Once National Guard Bureau has approved programming documentation, reprogramming action will be initiated.

(Page 14) Montana-Helena: Armed Forces Reserve Center. - The conferees direct that the total funding provided for this facility shall include the purchase and installation of prewired workstations and furnishings.

ARNG Response: These items have been included in the project.

(Page 14) North Carolina-Fort Bragg: Military Education Facility. - The conferees recognize the importance of the Military Education Facility to the Army National Guard and direct the National Guard Bureau to begin the planning and design and site preparation for this National Guard facility. The conferees direct the Department to include this project in the Future Year Defense Plan (FYDP).

ARNG Response: This project is in the military construction Future Years Defense Plan for fiscal year 2005.

Department of Defense Authorization Act For Fiscal Year 1999 (S.R. 105-189), dated 11 May 1998.(Page 385) - The committee directs that the amount authorized for appropriations for Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, and Air Force Reserve construction and land acquisition projects, the amount indicated for each respective project be directed toward the design of:

Army National Guard:

NH: Concord, Army Aviation Support Facility \$968,000 OK: Sand Springs, Readiness Center 972,000

ARNG Response: Concord, Army Aviation Support Facility. - New Hampshire Army National Guard must resubmit DD Forms 1390/91, Military Construction Cooperative Agreement and National

Environmental Policy Act documents before design contract can be reimbursed.

ARNG Response: Sand Springs, Readiness Center. - The State has been authorized to proceed in the design of this project. A design contract award is anticipated in March 1999.

<u>Department of Defense Appropriations Conference Report, 1999</u> (H.R. 105-746), dated 25 September 1998.

(page 106) Chicago Military Academy - Of the amount provided for the Army National Guard's Operatons and Maintenance appropriation, the conferees recommend that \$10 million be used for the conversion of the Eighth Regiment National Guard Armory into a Chicago Military Academy, in order to provide a JROTC instruction program.

ARNG Response: The Army National Guard cannot use its funds for this purpose because the facility in question is no longer either a Department of Defense or Illinois National Guard facility and because use of the amount in question would exceed the statutory threshold for construction. The Chicago Military Academy has, however, been placed on the Army's waiting list for a JROTC program.

Strom Thurmond National Defense Authorization Act for Fiscal Year 1999 (H.R. 105-736), dated 22 September 1998.

(Page 773) LEGISLATIVE PROVISION NOT ADOPTED. National Guard Military Educational Facility, Ft. Bragg, NC. - The Senate amendment contained a provision (sec 2603) that would authorize \$1,000,000 from the funds authorized for appropriations by section 2601(1)(A) for the purpose of planning and design of a military educational facility for the Army National Guard at Ft Bragg, NC.

The House bill contained no similar provision.

The Senate recedes.

The conferees note that this military educational facility requires no additional funding for planning and design and urge the Sec of The Army to make every effort to include this construction requirement in FY2000 future years defense program. **ARNG Response:** This project is in the military construction Future Years Defense Plan for fiscal year 2005.

Military Construction Army National Guard, Future Years Defense Plan

									Change from
	Fiscal					Facility	Program	Budgeted	Previous
Component	Year	Appropriation	Installation	Location	Project Title	Category	Element	Amount	Submission Explanation
					Combined Support Maintenance Shop/Maneuver				
ARNG	2000	2085	Anchorage	AK	Area Training Equipment Site	218	0505896A	2,940	(10,241) Incremental funding
ARNG	2000	2085	Marseilles Training Area	IL	Battalion Training Complex	171	0505896A	2,325	(8,220) Incremental funding
								Ì	
ARNG	2000	2085	Charlotte	NC	Organizational Maintenance Shop	214	0505896A	912	912 Accelerated from 2001/Incremental funding
ARNG	2000	2085	Charlotte	NC	Readiness Center	171	0505896A	1,504	(4,206) Incremental funding
ARNG	2000	2085	Yakima	WA	Maneuver Area Training Equipment Site, Phase I	218	0505896A	3,464	(10,430) Incremental funding
ARNG	2000	2085	Camp Dawson (Kingwood)	WV	Regional Training Institute	171	0505896A	-	(13,000) Appropriated 1999
ARNG	2000	2085	Various	ZU	Unspecified Minor Construction		0505896A	771	64 Less funds to projects
ARNG	2000	2085	Various	ZU	Planning and Design		0505896A	4,129	166 Less funds to projects
								Ì	
					TOTAL FUNDED 2000			16,045	(44,955)
					Combined Support Maintenance Shop/Maneuver				
ARNG	2001	2085	Anchorage	AK	Area Training Equipment Site	218	0505896A	10,910	10,910 Incremental funding
ARNG	2001	2085	Redstone Arsenal	AL	Unit Training Equipment Site (UTES)	214	0505896A	8,916	2,623 Recosted
ARNG	2001	2085	Fort Irwin	CA	Maintenance and Training Equipment Site, PH I	218	0505896A	-	(12,254) Moved to 2002
ARNG	2001	2085	Fort Carson	CO	Maneuver Area Training Equipment Site	218	0505896A	12,986	1,353 Recosted
ARNG	2001	2085	Pensacola	FL	Readiness Center	171	0505896A	-	(1,747) Moved to 2002
ARNG	2001	2085	Elberton	GA	Readiness Center	171	0505896A	5,036	42 Recosted
ARNG	2001	2085	Marseilles Training Area	IL	Battalion Training Complex	171	0505896A	8,627	8,627 Incremental funding
ARNG	2001	2085	Charlotte	NC	Organizational Maintenance Shop (OMS)	214	0505896A	3,385	(207) Accelerated to 2000/Incremental funding
ARNG	2001	2085	Charlotte	NC	Readiness Center	171	0505896A	5,583	5,583 Incremental funding
ARNG	2001	2085	Taos	NM	Readiness Center	171	0505896A	-	(3,097) Appropriated 1999
ARNG	2001	2085	Salem	OR	Armed Forces Reserve Center	171	0505896A	10,893	10,893 Recosted/Accelerated from 2002
ARNG	2001	2085	Eastover	SC	Infrastructure Upgrade	800	0505896A	5,431	5,431 Recosted/Accelerated from 2003
ARNG	2001	2085	Yakima	WA	Maneuver Area Training Equipment Site, Phase I	218	0505896A	12,852	12,852 Incremental funding
ARNG	2001	2085	Various	ZU	Unspecified Minor Construction		0505896A	609	182 Less funds to projects
ARNG	2001	2085	Various	ZU	Planning and Design		0505896A	4,129	166 Less funds to projects
					TOTAL FUNDED 2001			89,357	41,357
ARNG	2002	2085	Benton	AR	Readiness Center	171	0505896A	-	(2,009) Appropriated 1999
ARNG	2002	2085	Fort Irwin	CA	Maneuver Area Training Equipment Site	218	0505896A	20,349	20,349 Rescoped/Moved from 2001
ARNG	2002	2085	Dagsboro	DE	Readiness Center	171	0505896A	-	(3,243) Appropriated 1999
ARNG	2002	2085	Smyrna	DE	Readiness Center	171	0505896A	4,381	4,381 Recosted/Accelerated from 2003
ARNG	2002	2085	Pensacola	FL	Readiness Center	171	0505896A	3,653	3,653 Recosted/Accelerated from 2001
ARNG	2002	2085	Camp Atterbury	IN	Water System Improvements	840	0505896A	5,171	5,171 Accelerated from IRP
ARNG	2002	2085	Helena	MT	Armed Forces Reserve Center, PHI	171	0505896A	-	(8,021) Appropriated 1999
ABNO	0000	0005	F. 4.B.		Training & Training Technology Battle Lab Expan	474	05050004	7.004	7.004 D
ARNG	2002	2085	Fort Dix	NJ	Phase II	171	0505896A	7,824	7,824 Recosted/Accelerated from 2003
ARNG ARNG	2002	2085 2085	Carson City	NV OR	Readiness Center	171 171	0505896A	-	(5,431) Appropriated 1999
ARNG	2002	2085	Salem	PA	Armed Forces Reserve Center	171	0505896A	-	(9,952) Accelerated to 2001 (2,000) Appropriated 1999
ARNG	2002		Latrobe	TN	Readiness Center Readiness Center	171	0505896A	- 6.968	6,968 Recosted/Accelerated from 2003
ARNG	2002	2085 2085	Alcoa Camp Guernsey	WY	Combined Support Maintenance Shop/OMS/UTES	218	0505896A 0505896A	-,	(12,584) Appropriated 1999
ARNG	2002	2085	Various	ZU	Unspecified Minor Construction	218	0505896A 0505896A	- 254	
ARNG	2002	2085		ZU		1		4,129	(543) More funds to projects
AKNG	2002	2000	Various	20	Planning and Design		0505896A	4,129	166 Less funds to projects
					TOTAL FUNDED 2002			52,729	4.729
					TOTAL FUNDED 2002			52,129	4,129

Military Construction Army National Guard, Future Years Defense Plan

									Change from
	Fiscal					Facility	Program	Budgeted	Previous
Component		Appropriation	Installation	Lasation	Project Title	Category	Element	Amount	Submission Explanation
<u>Component</u>	<u>rear</u>	Appropriation	Installation	Location	<u>Froject fille</u>	Category	Element	AIIIOUIII	<u>Submission</u> <u>Explanation</u>
ARNG	2003	2085	Marana	AZ	Western Army Avn Trg Educational Facility	171	0505896A	2,249	2,249 Accelerated from IRP
ARNG	2003	2085	Smyrna	DE	Readiness Center	171	0505896A	-	(5,317) Accelerated to 2002
ARNG	2003	2085	Puunene, Maui	HI	Readiness Center	171	0505896A	7,860	7,860 Accelerated from IRP
ARNG	2003	2085	Waimanalo, Oahu	HI	Regional Training Institute Phase II	171	0505896A	10,852	10,852 Accelerated from IRP
ARNG	2003	2085	Baton Rouge	LA	Readiness Center	171	0505896A	3,989	3,989 Accelerated from IRP
ARNG	2003	2085	Brookhaven	MS	Readiness Center	171	0505896A	-	(2,724) Appropriated 1999
ARNG	2003	2085	Vicksburg	MS	Readiness Center	171	0505896A	4,049	4,049 Accelerated from IRP
ARNG	2003	2085	Wapheton	ND	Readiness Center	171	0505896A	4,545	1 Recosted
					Training & Training Technology Battle Lab Expan				
ARNG	2003	2085	Fort Dix	NJ	Phase II	171	0505896A	-	(7,805) Accelerated to 2002
ARNG	2003	2085	Eastover	SC	Infrastructure Upgrade	800	0505896A	-	(3,763) Accelerated to 2001
ARNG	2003	2085	Spartanburg		Readiness Center	171	0505896A	-	(5,180) Appropriated 1999
ARNG	2003	2085	Mitchell		Combined Support Maintenance Shop	218	0505896A	8,981	3 Recosted
ARNG	2003	2085	Alcoa		Readiness Center	171	0505896A	-	(4,867) Accelerated to 2002
ARNG	2003	2085	Henderson		Organizational Maintenance Shop	214	0505896A	1,319	1,319 Accelerated from IRP
ARNG	2003	2085	Various	ZU	Unspecified Minor Construction		0505896A	1,027	168 Less funds to projects
ARNG	2003	2085	Various	ZU	Planning and Design		0505896A	4,129	166 Less funds to projects
					TOTAL FUNDED 2003			49,000	1,000
ARNG	2004	2085	Barrigada		Readiness Center, Phase I	171	0505896A	8,056	8,056 Accelerated from IRP
ARNG	2004	2085	Concord		Army Aviation Support Facility	211	0505896A	15,826	15,826 Accelerated from IRP
ARNG	2004	2085	Fort Knox		Maneuver Area Training Site, Phase II	218	0505896A	3,336	3,336 Accelerated from IRP
ARNG	2004	2085	Camp Beauregard	LA	Readiness Center	171	0505896A	4,091	4,091 Accelerated from IRP
ARNG	2004	2085	Sedalia	MO	Readiness Center	171	0505896A	3,374	3,374 Accelerated from IRP
ARNG	2004	2085	Austin		Army Aviation Support Facility	211	0505896A	9,479	9,479 Accelerated from IRP
ARNG	2004	2085	Various	ZU	Unspecified Minor Construction		0505896A	709	709
ARNG	2004	2085	Various	ZU	Planning and Design		0505896A	4,129	4,129
					TOTAL FUNDED 2004			49,000	49,000
ARNG	2005	2085	Barber's Point		Military Training Complex, Phase I	171	0505896A	3,127	3,127 Accelerated from IRP
ARNG	2005	2085	Camp Ripley		Combined Support Maintenance Shop, Phase II	218	0505896A	9,911	9,911 Accelerated from IRP
ARNG	2005	2085	Camp Shelby		Multi-Purpose Range Complex Heavy, Phase III	179	0505896A	4,780	4,780 Accelerated from IRP
ARNG	2005	2085	Fort Bragg		Military Education Complex, Phase I	171	0505896A	8,094	8,094 Accelerated from IRP
ARNG	2005	2085	Fort Buchanan		Readiness Center	171	0505896A	11,471	11,471 Accelerated from IRP
ARNG	2005	2085	Fort Pickett		Multi-Purpose Range Complex Heavy, Phase I	179	0505896A	1,700	1,700 Accelerated from IRP
ARNG	2005	2085	Northfield		Dual Use Facility	171	0505896A	4,300	4,300 Accelerated from IRP
ARNG	2005	2085	Eleanor		Regional Maintenance Complex	214	0505896A	16,400	16,400 Accelerated from IRP
ARNG	2005	2085	Eleanor		Readiness Center	171	0505896A	8,500	8,500 Accelerated from IRP
ARNG	2005	2085	Various		Unspecified Minor Construction		0505896A	488	488
ARNG	2005	2085	Various	ZU	Planning and Design		0505896A	4,129	4,129
					TOTAL FUNDED 2005			72,900	72,900

ARNO	[÷]	0 GUARD AND RESI TARY CONSTRUCTI			2. DATE FEB 99
. INSTALLA	ATION AND LOCATION				4.AREA CONSTR
FORT	RICHARDSON, ALASKA				COST INDEX 1.5
. FREQUE	NCY AND TYPE OF UTILIZATION				1
	MAL ADMINISTRATION FIVE (NING ASSEMBLY PER MONTH		PLUS ONE	(1) TWO (2) DAY
. OTHER A	CTIVE/GUARD/RESERVE INSTALLATION	S WITHIN 15 MILE RADIUS			
AI	RMY FORT RICHARDSON 2	2 MILES FORT			
		5 MILES AIR BA			
US	SAR RICHARDSON	3 MILES ARMO	ORY		
	S REQUESTED IN THIS PROGRAM		0007	DEOU	011 07 4 7 11 0
CATEGOF CODE		SCOPE	COST (\$000)	START	GN STATUS COMPLETE
218	COMBINED SUPPORT MAINTENAN	CE 6 600 SM /	12.050	2/07	4/00
210	SHOP/MANEUVER AREA TRAINING	0.099 SWI /	13,850	3/97	4/99
	EQUIPMENT SITE (CSMS/MATES)				
RESERV	IES IDENTIFIED IN ITEM #6 H E FORCES FACILITIES BOARI	FOR POSSIBLE JOIN			
RESERV		FOR POSSIBLE JOIN			20 OCT 98
RESERVI BOARD I	E FORCES FACILITIES BOARD	FOR POSSIBLE JOIN			20 OCT 98 (Date)
RESERVI BOARD I	E FORCES FACILITIES BOARD RECOMMENDS UNILATERAL QUISITION REQUIRED	FOR POSSIBLE JOIN			20 OCT 98
RESERVI BOARD I	E FORCES FACILITIES BOARD RECOMMENDS UNILATERAL QUISITION REQUIRED	FOR POSSIBLE JOIN			20 OCT 98 (Date)
RESERVI BOARD I LAND ACC NONE	E FORCES FACILITIES BOARD RECOMMENDS UNILATERAL QUISITION REQUIRED	FOR POSSIBLE JOIN			20 OCT 98 (Date)
LAND ACC NONE	E FORCES FACILITIES BOARD RECOMMENDS UNILATERAL QUISITION REQUIRED	FOR POSSIBLE JOIN		ANSION.	20 OCT 98 (Date)
LAND ACC NONE	E FORCES FACILITIES BOARD RECOMMENDS UNILATERAL QUISITION REQUIRED ETS PLANNED IN NEXT FOUR YEARS	D FOR POSSIBLE JOIN CONSTRUCTION.	VT USE/EXP	ANSION. 7	20 OCT 98 (Date) 0 (Number of acres)
LAND ACC NONE	E FORCES FACILITIES BOARD RECOMMENDS UNILATERAL QUISITION REQUIRED ETS PLANNED IN NEXT FOUR YEARS LOCATION	PROJECT	T USE/EXP	ANSION. 7	20 OCT 98 (Date) 0 (Number of acres)
LAND ACC NONE 0. PROJECT FY COST 01 02	E FORCES FACILITIES BOARD RECOMMENDS UNILATERAL QUISITION REQUIRED ETS PLANNED IN NEXT FOUR YEARS LOCATION FORT RICHARDSON	PROJECT MOBILIZATION	T USE/EXP	ANSION. 7	20 OCT 98 (Date) 0 (Number of acres) ED PROJECT 20,000

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION							2. DATE FEB 99
3. INSTALLATION AND LO	CATION							
FORT RICHARDS	ON, ALASI	ΚA						
11. PERSONNEL STRENG	GTH AS OF:	1 DE	C 98					
		PER	MANENT_				GUARD/RESE	ERVE
	<u>TOTAL</u>	<u>OFFICER</u>	ENLISTED	CIVILIAN	<u>1</u>	OTAL	<u>OFFICER</u>	ENLISTED
AUTHORIZED	79	0	0	79	2	,225	407	1,818
ACTUAL	31	0	0	31	2	,016	303	1,713
12. RESERVE UNIT DATA								
						STRE	<u>ENGTH</u>	
		UNIT DES	SIGNATION .		AUTI	HORIZED	ACTUA	<u>AL</u>
UNIT		MTOE		IIC	TPSN			
HQ STARC		TDA		V8AUAA	56751	177		157
175 STARC		TDA	V	VQUL9A	56751	5		2
134 PAD		4550LN		VQE4AA	34253	5		5
REGIONAL TNG IN	IST	TDA		V8FVAA	56751	26		21
MED DET		TDA	•	W8FVAA	56751			40
HHC, 207 GP		20500HI	NG01 W	/VB3AA	22238	183		167
DET 1, HHC 1-29 IN	1	20500HN	IG02 W	/P53T1	22238	15		13
DET 1, HHC 2-29 IN		20500HN		/P54T1	22238	12		6
HHC/3-297 IN		20500HN	NG02 W	VYQ5T0	22238	40		41
C/3-297 IN		20500H	NG02 V	WYQ5C0	22238	78		58
HHC 207 AV		01285JN	G20 V	VYQ5T0	22238	159		99
A/1 207 AV		01285JN		VYKKA0	22238	106		78
B/1 207 AV		01285JN	IG20 V	WYKKB0	22238	28		20
DET 5/B/1-207 AV		01285JN		YKK B5	22238	18		18
DET 6/B/1-207 AV		01285JN	G20 W	YKKB6	22238	18		17
HHC/297/SB		63445LN	G11 V	VYEZT0	31122	72		48
DET1, HHC/297 SB		63445LN		VYEZT0	31122	62		44
13. MAJOR EQUIPMENT A				CSMS	THE PARTY OF THE P	4.4.4.4.4	MATES	
WHEELED VEH <mark>İÇ</mark> İ				ORIZED ASSIC	357	2	ORIZED ASSI	25
TRACKED VEHICL				8	51	14		14
VEHICLES>30			1	5	13			
GENERATORS						42	2 4	42
FUEL VEHICLES			2	6	25			
SNOW MACHINES			1	2	26			
14. OUTSTANDING POLLU	JTION AND SAF	ETY DEFICIEN	CIES:			(\$000	.	
A. AIR POLLUTION	N				NONE	(ΦΟΟ	'')	
B. WATER POLLU					NONE			
C. OCCUPATIONAL SAFETY AND HEALT			тц		NONE			

DD FORM 1390s2

1.COMPONENT 2. DATE **FY 2000 GUARD AND RESERVE ARNG** FEB 99 MILITARY CONSTRUCTION 3. INSTALLATION AND LOCATION FORT RICHARDSON, ALASKA 11. PERSONNEL STRENGTH AS OF: 1 DEC 98/CONTINUATION **PERMANENT GUARD/RESERVE TOTAL OFFICER ENLISTED CIVILIAN TOTAL OFFICER ENLISTED AUTHORIZED** ACTUAL 12. RESERVE UNIT DATA **STRENGTH ACTUAL UNIT DESIGNATION AUTHORIZED** UNIT **TPSN** MTOE UIC DET 1, HQ STARC **TDA** 5 4 W8AUA1 56751 DET 1-5, HHC 207 20500HNG01 WV3A1-A5 22238 51 39 HHC 1-297 IN 22238 37 20500HNG02 WP53TO 36 DET 2-6, HHC 1-297 20500HNG02 WP53T2-T6 22238 35 50 A/1-297 IN 20500HNG02 WP53A0 22238 17 13 DET 1-11, A/1-297 IN 20500HNG02 WYQ5T1-T11 22238 61 57 42 B/1-297 IN 20500HNG02 WP53B0 22238 22 DET 1-6, B/1-297 IN 20500HNG02 WYQ5TB1-6 22238 56 64 C/1-297 IN 20500HNG02 WP53CO-C8 22238 78 72 HHC. 2/297 IN 01285JNG20 WP54TO 22238 74 86 A/2-297 IN 20500HNG02 WP54AO-A7 22238 78 92 B/2-297 IN 78 87 20500HNG02 WP54B0-B7 22238 C/2-297 IN 20500HNG02 WY54CO-8 22238 78 107 DET 1, HHC/3-297 IN 20500HNG02 WPQ5T1 22238 46 90 A/3-297 IN 20500HNG02 WYQ5AO 22238 78 75 B/2-297 IN 20500HNG02 WPQ5BO-B2 22238 78 65 DET 1, A/1-207 AV 01285JNG20 YKKA1 22239 45 38 DET 1, B/1-2-7 AV 01285JNG20 WYKKB1 22239 18 14 13. MAJOR EQUIPMENT AND AIRCRAFT **TYPE** AUTHORIZED ASSIGNED AUTHORIZED ASSIGNED 14. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000)

1.COMPONENT ARNG		F [*]	Y 2000 GUARD A				2. DATE FEB 99
			MILITARY CONS	STRUCTION			FLD 79
3. INSTALLATION AN FORT RICHAR		ASKA					
11. PERSONNEL ST	RENGTH AS OF	=: 1 DEC 98	8/CONTINUATION	1			
	TOTAL	<u>PER</u> <u>OFFICER</u>	RMANENT ENLISTED	<u>CIVILIAN</u>		RD/RESEF FFICER	RVE ENLISTED
AUTHORIZED							
ACTUAL							
12. RESERVE UNIT [DATA						
		<u>UNIT DESIGNA</u>	ATIO <u>N</u>		<u>S'</u> <u>AUTHOR</u>	TRENGTH NZED	<u>ACTUAL</u>
UNIT DET 2/B/1-207 / DET 3/B/1-207 / DET 4/B/1-207 / B/297 SM DET 1, B/297 S	AV AV AV	MTOE 01285JNG20 01285JNG20 01285JNG20 63445LNG11 63445LNG11	UIC WYKKB2 WYKKB3 WYKKB4 WYEZB0 WYEZB1	TPSN 22239 22239 31122 31122 TOTA	N 9 1 9 1 9 1 2 15 2 2	18 18 18 55 26	14 11 16 93 16 2,016
					AUTHORIZED ASSIG	GNED	
14. OUTSTANDING F	POLLUTION AN	ID SAFETY DEFICIENC	DIES:		(\$000)		

1.COMPONENT ARNG		GUARD AND F ARY CONSTRU	E		2. DATE FEB 9	9		
3. INSTALLATION AND LOCA	TION		4. PROJE	ECT TITLE				
FORT RICHARDSO	ON, ALASKA				CSN	MS/MATES		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUM	IBER		8. PROJECT C	COST (\$000)		
0505896A					Auth Approp	13,850 2,940		
	9. C	OST ESTIMATES						
	ITEM			U/M	QTY	UNIT COST	COST (\$000)	
PRIMARY FACILITY								10,270
CSMS/MATES				SM	6,392	1,559.14		(9,966)
				SF	68,803	144.85		
CONTROLLED WAS	STE HANDLING FAC	ILITY		SM	28	964.28		(27)
				SF	301	89.70		
UNHEATED STORA	AGE BLDG			SM	279	967.74		(270)
				SF	3,003	89.81		
FORCE PROTECTION				LS	-	-		(7)
SUPPORTING FACILI								2,662
SITE PREPARATIO	N			SM	16,036	69.28		(1,111)
				SY	19,179	57.92		
FINE GRADING/LA	NDSCAPING			LS	-	-		(22)
PLANTING				LS		-		(11)
RIGID PAVING				SM	7,573	47.80		(362)
ELEMBLE DAME				SY	9,057	39.96		(122)
FLEXIBLE PAVING	ſ			SM	3,719	35.76		(133)
EENCING				SY LM	4,448	29.90		(24)
FENCING SIDEWALK				SM	329 167	72.95 269.46		(24) (45)
SIDEWALK				SIVI SF	167	25.02		(43)
LOADING RAMP				LS	1,/98	23.02		(38)
OUTSIDE LIGHTING		LS		_		(147)		
OUTSIDE LIGHTING FUEL STORAGE/DISP SYSTEM				LS	_	_		(93)
	R/SEWER/GAS/ELECT	TRIC		LS	_	_		(676)
SUBTOTAL	IV DE TIEN OF IOTELLE	140		LU		-		12,932
CONTINGENCY (5%)								647
TOTAL CONTRACT (COST							13,579
SUPV, INSP, OVERHE								271
TOTAL REQUEST	(· · · /							13,850
V								- , +

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project is incrementally funded over two years to construct a maintenance facility. The Army National Guard's plan is to construct both increments as a continuous project using a single construction contract with full authorization for a \$13.850 million project in FY 2000. Furthermore, the Army National Guard is requesting an appropriation of \$2.940 million in FY 2000 and advance appropriation of the remaining amount of \$10.910 million. Project consists of a maintenancefacility with 22 bays, allied trade shops, storage areas, and an administrativework area constructed of masonry, roof and concrete floor. Partitions will consist of masonry block. Supporting facilities will include lube and inspection rack, outside storage, utilities, fire protection, loading ramps, fencing, fuel dispensing system, and site preparation. CSMS/MATES administrative area includes office and computer space for authorized personnel. Physical security measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.

Air Conditioning - 0 tons

PROJECT: Construct a new CSMS/MATES to provide adequate space to support peacetime mission. (Current Mission) REQUIREMENT: A facility requirement of 6,699 SM is requested to permit maintenanceat the support levels to be performed on vehicles and equipment authorized by TOE/TDA of the supported units.

^{11.} REQUIREMENT: 6,699 SM/ 72,107 SF ADEQUATE: 0 SM SUBSTANDARD: 1,952 SM /21,011 SF

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99
3. INSTALLATION A FORT RICH	ND LOCATION HARDSON, ALASKA	
4. PROJECT TITLE CSMS/MA		4. PROJECT NUMBER 020099

<u>CURRENT SITUATION</u>: The existing facility contains 1,952 SM which was constructed in 1971. The soldiers that will be working in this facility currently work in an overcrowded and substandard maintenance shop. Since the existing facility was constructed, the missions have changed, creating an increase in equipment and maintenance requirements and causing a severe lack of functional space. Alteration of the existing facility is not cost effective alternative. The building is in extremely poor condition. The facility is too small to include all the areas in the building, such as work bays and offices. The existing facility is state property and will revert to the state when vacated.

<u>IMPACT IF NOT PROVIDED</u>: The quality of work will decrease due to the deficient administrative, work and storage areas to perform administrative and maintenance activities. The cost to maintain the existing facility to meet current and future mission requirements will increase. The sub-standard working environment will have an increasingly adverse impact on unit equipment, readiness and retention of soldiers.

ADDITIONAL: 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 1 June 1997 and Design Guide 415-2 dated 1 July 1997. The most similar DoD standards (Vehicle Maintenance Shop, Wheeled and Vehicle Maintenance Shop, Tracked) do not address all of the current criteria incorporated in the CSMS/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. However, the primary justification for the project is readiness and quality of life, not economic. 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.

AT/FP POC: COL HAYNES/907-428-6200 MAJ ABRELL/907-428-6898

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 99					
3. INSTALLATION A	ND LOCATION							
FORT RICH	IARDSON, ALASKA							
4. PROJECT TITLE 5. PROJECT NUMBER 020099								
CSMS/MAT	ES	0200						
12. SUPPLEMENTAL	_ DATA:							
a. ESTIMA	ATED DESIGN DATA:							
(1) S'	TATUS:							
(a	a) DATE DESIGN STARTED		03/97					
`	b) PERCENT COMPLETE AS OF JANUARY 1999		65%					
`	c) DATE DESIGN EXPECTED TO BE 35% COMPLETE		9/97					
`	d) DATE DESIGN COMPLETE		4/99					
`	PARAMETRIC COST ESTIMATING USED TO DEVELOR		NO					
(1	f) AN ENERGY STUDY AND LIFE CYCLE COST ANALYS WILL BE DOCUMENTED DURING FINAL DESIGN	818						
(2) B	ASIS:							
(a	a) STANDARD OR DEFINITIVE DESIGN - YES NO	X						
(1	b) WHERE DESIGN WAS MOST RECENTLY USED N/A	A						
			(\$000)					
* *	OTAL COST (c) = (a) + (b) or (d) + (e):		0					
	a) PRODUCTION OF PLANS AND SPECIFICATIONS		0					
(1	b) ALL OTHER DESIGN COSTS		(1,182)					
	c) TOTAL		(1,182)					
`	d) CONTRACT		0					
(6	e) IN-HOUSE							
(4)	O5/00 MONTH AND YEAR)						
(4)	12/01	,						
(5)	CONSTRUCTION COMPLETION DATE (MONTH AND YE	===== EAR)						
	FISCAL YEAR	,						
EQUIPMEN [*] NOMENCLATU			COST (\$000)					
TELECOM	I OMARNG 00		45					
FUEL CEL	L DOE 00		200					

1.COMPONENT ARNG		000 GUARD AND RESE			2. DATE FEB 99
3. INSTALLATION AND	LOCATION				4.AREA CONSTR
	RAINING AREA, MARSI	EILLES, ILLINOIS			COST INDEX 1.26
TRAINING, T	TYPE OF UTILIZATION ING SITE IS UTILIZED FO FRAINING EXERCISES A TELY 20 WEEKS ANNU	ND MILITARY SCHOO			ANNUAL
6 OTHER ACTIVE/GU	JARD/RESERVE INSTALLATIONS \	MITHIN 15 MII F RADIUS			
ARMY: JOLIE ARMY: FT MO	T (45 MII	LES) TRAINING AREA LES) TRAINING POST		CRES	
7. PROJECTS REQUE	STED IN THIS PROGRAM				
CATEGORY		SCORE	COST		N STATUS_
CODE	PROJECT TITLE	SCOPE	(\$000)	START	COMPLETE
171	BATTALION TRAINING COMPLEX	12,640 SM/ 136,056 SF	10,952	3/93	6/98
FORCES FACIL	ENTIFIED IN ITEM #6 HA ITIES BOARD FOR POSSI UNILATERAL CONSTRU	IBLE JOINT USE/EXPA			/E 16 SEP 98 (Date)
9. LAND ACQUISITION	REQUIRED				0
NONE				_	
					(Number of acres)
10. PROJECTS PLANI	NED IN NEXT FOUR YEARS (\$000): 0				
	VEY HAS BEEN COMPLE SED PROJECT AT THE ES			OR CONST	RUCTING

1.COMPONENT ARNG				AND RESERN			2. date FEB 99
3. INSTALLATION A	ND LOCATION						4. AREA CONSTR COST INDEX
MARSEILLES	S TRAINING A	REA, MARSI	EILLES, ILLIN	OIS			1.26
11. PERSONNEL S	TRENGTH AS OF:	1 DEC 98					
	<u>TOTAL</u>	<u>PERM</u> <u>OFFICER</u>	MANENT ENLISTED	<u>CIVILIAN</u>	<u>TOTAL</u>	GUARD/RESE OFFICER	<u>RVE</u> <u>ENLISTED</u>
ALITHODIZED	10		4	5			
AUTHORIZED		1			10,734	1,063	9,671
ACTUAL	9	1	3	5	10,230	1,005	9,225
12. RESERVE UNIT						STRENGTI	<u>1</u>
ΔΙΙ	UNIT DESIGNATION IL ARNG UNI				<u>AUTHORIZ</u>		<u>ACTUAL</u>
ALL	IL AKING UNI	15			10,73	34	10,230
13. MAJOR EQUIPM	IENT AND AIRCRA	FT					
<u>T\</u>	<u>YPE</u>				AUTHO	RIZED	<u>ASSIGNED</u>
N/A	1						
14. OUTSTANDING	POLLUTION AND S	SAFETY DEFICIEN	ICIES:		(\$000)		
A. AIR PO	LLUTION				NONE		
	R POLLUTION				NONE		
	ATIONAL SAI	FETY AND H	EALTH		NONE		

1.COMPONENT ARNG			GUARD AND F ARY CONSTRU				2. DATE	FEB 99
3. INSTALLATION A	ND LOCA	ATION		4. PROJE	ECT TITLE			
MARSEILLES 1	ΓRAIN	ING AREA, MARSEIL	LES, ILLINOIS		BATTAL	ION TRAINI	NG COMPI	LEX
5. PROGRAM ELEM	1ENT	6. CATEGORY CODE	7. PROJECT NUME	BER		8. PROJECT	COST (\$000)	
0505896A		171	1700	042		Auth Approp	10,952 2,325	
		9. (COST ESTIMATES					
		ITEM			U/M	QTY	UNIT COST	COST (\$000)
PRIMARY FAC								9,526
CONSOLIDA	ATED E	BARRACKS			SM	8,550	709.71	(6,068)
					SF	92,032	65.93	
BOQ					SM	1,345		(1,230)
					SF	14,477		
BN HQ FAC	ILITY				SM	2,745		(2,214)
FOR CE PRO		0.17			SF	29,547	74.93	(4.4)
FORCE PRO					LS	-	-	(14)
SUPPORTING A SITE PREPA	-	·-			LS			763
		ON EEDING & FLAGPOL	E		LS	-	-	(200) (41)
SIDEWALK	-	EEDING & TLAGI OL	Ľ		LS	_	_	(24)
PAVING, FL		F			LS	_	_	(286)
SITE LIGHT					LS	_	_	(42)
		RIC, WATER, GAS, S	EWER)		LS	_	_	(170)
SUBTOTAL		, , ,	,				•	10,289
CONTINGENCY (5%)								514
TOTAL CONTRACT COST								10,803
SUPERVISION, INSP & OVERHEAD (1.37%)								149
TOTAL REQUEST								10,952
EQUIPMENT PROVIDED FROM OTHE FED APPROPRIATIONS								(408)
(NON-ADD)								

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project is incrementally funded over two years to construct a battalion size training site complex. The Army National Guard's plan is to construct both increments as a continuous project using a single construction contract with full authorization for a \$10.952 million project in FY 2000. Furthermore, the Army National Guard is requesting an appropriation of \$2.325 million in FY 2000 and advance appropriation of the remaining amount of \$8.627 million.

A battalion size training site complex to include: a 60 person bachelor officer quarters (BOQ); four (4) 160 person barracks buildings, with consolidated administrative and supply areas (two (2) of these include a 200 person dining facility); a separate 400 person dining facility; and a consolidated battalion headquarters, troop medical clinic, battalion supply and ration breakdown, education, training, and physical fitness facility. All buildings will be of concrete masonry unit construction with concrete floor and sloped metal roofs. Supporting items will be roads, parking, sidewalks, utilities, and site lighting. Physical security measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.

Air Conditioning: 25 tons

<u>REQUIREMENT:</u> Training site support facilities are required to provide adequate facilities for noncommissioned officer education system (NCOES) development, military occupational specialty (MOS) instruction, and units performing year round training and inactive duty training (IDT) at this location. This project will support all units of the IL ARNG and other reserve components stationed in and around Illinois, by enhancing combat readiness. The training area is on State owned land.

^{11.} REQUIREMENT: 12,640 SM / 136,056 SF ADEQUATE: 0 SM SUBSTANDARD: 0 SM PROJECT: New construction of a training site complex consisting of 12,640 SM of space to include administrative, logistical, dining, and housing facilities with coat efficient mechanical and electrical equipment to effectively support up to battalion level training at the Marseilles Training Area. (Current Mission)

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99					
3. INSTALLATION AND LOCATION MARSEILLES TRAINING AREA, MARSEILLES ILLINOIS							
4. PROJECT TITLE BATTALIO	4. PROJECT NUMBER						
DATTALIO	170042						

<u>CURRENT SITUATION</u>: NCOES and MOS training are currently being conducted in field tents which provide limited temporary supply, administrative, housing and personal hygiene facilities. There are no permanent administrative or housing facilities at the Marseilles Training Area (MTA). Valuable training time is being wasted by setting up and tearing down tents during IDT and annual training. This is inadequate for any NCOES and MOS school instruction at MTA. To go to a training area with adequate facilities would require driving over 250 miles, which is excessive travel time. The existing tent pads will be removed and disposed of in accordance with all applicable federal, state and local provisions.

IMPACT IF NOT PROVIDED: Units that use MTA for NCOES and MOS training will suffer morale and retention losses due the lack of operationally modern facilities. Units that do not utilize MTA for NCOES and MOS training will lose valuable time and degradation of readiness due to the travel time to alternate training facilities or lengthy preparation of training due to inappropriate training facilities. Without this project the training area cannot be utilized to its full extent, and the result is a reduced training tempo and an overall degradation in readiness.

<u>ADDITIONAL</u>: 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 1 June 1997 and Design Guide 415-3 dated

30 March 1996. The most similar DoD standards (Barracks, BOQ, Command Headquarters Building) do not address all of the current criteria incorporated in the Battalion Training Complex 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. However, the primary justification for the project is readiness and quality of life, not economic. 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.

AT/FP POC: LTC YOUNG/217-761-3577 COL WIDNER/217-761-3595

1.COMPONENT ARNG		FY 2000 GUARD AND MILITARY CONSTR		2. date FEB 99
3. INSTALLATION MARSEII		A, MARSEILLES, ILLINOIS		
4. PROJECT TITI BATTALI	LE ION TRAINING COM	IPLEX		CT NUMBER 70042
12. SUPPLEMEN	TAL DATA:			
a. ESTIM	IATED DESIGN DAT	A:		
	(b) PERCENT COMF(c) DATE DESIGN E(d) DATE DESIGN C(e) PARAMETRIC C(f) AN ENERGY ST	TARTED PLETE AS OF JANUARY 199 XPECTED TO BE 35% COM COMPLETE OST ESTIMATING USED TO UDY AND LIFE CYCLE COS CUMENTED DURING FINAL	PP IPLETE O DEVELOP COST ST ANALYSIS	9/93 100% 2/94 6/98 NO
	• •	DEFINITIVE DESIGN - YES WAS MOST RECENTLY US		
(TOTAL COST (c) = (a (a) PRODUCTION O (b) ALL OTHER DES (c) TOTAL (d) CONTRACT (e) IN-HOUSE	(\$000) 0 (0) (508) (508) 0		
(4)	CONSTRUCTION ST	ART	(MONTH AND MESSE)	
(5)	CONSTRUCTION CO	MPLETION DATE	(MONTH AND POSEAR)	
EQUIPMENT PROCURING NOMENCLATURE APPROPRIATION OFFICE FURNITURE OMARNG TELECOMMUNICATIONS OMARNG KITCHEN EQUIPMENT OMARNG		FISCAL YEAR APPROPRIATED OR REQUESTED 00 00 00	COST (\$000) 225 3 180	

1.COMPONENT ARNG		FY 2000 GUARD AND RE MILITARY CONSTRUC			2. DATE FEB 99
3. INSTALLATION	AND LOCATION FE, NORTH CAROLINA				4.AREA CONSTR COST INDEX 0.84
NORMAL A	ND TYPE OF UTILIZATION ADMINISTRATION FIVE (Y PER MONTH.	(5) DAYS PER WEEK, PLU	JS ONE (1) T	ΓWO (2) DAY TRAIN	ING
6. OTHER ACTIVE	E/GUARD/RESERVE INSTALLATION	S WITHIN 15 MILE RADIUS			
	BELMONT (8 MILES) GASTONIA (17 MILES) CONCORD (27 MILES)	ARMORY ARMORY ARMORY	1961 1980 1985	13,401 SF 18,880 SF 18,925 SF	
7. PROJECTS RE	QUESTED IN THIS PROGRAM				
CATEGORY CODE	PROJECT TITLE	SCOPE	COST (\$000)	DESI START	GN STATUS. _COMPLETE_
214 5/99	ORGANIZATIONAL	2,374 S	M/ 4,29	5/97	
	MAINTENANCE SHOP	25,554 SF	•		
	ES RESERVE COMPONENT FACIL				
1	DENTIFIED IN ITEM #6 H BOARD FOR POSSIBLE JO				ES
	L CONSTRUCTION.	INT USE/EXPANSION. T.	HE BUAKD	RECOMMENDS	20 JAN 99
					(Date)
9. LAND ACQUISI NONE	ΓΙΟΝ REQUIRED				0
10 DDO JECTS DI	ANNED IN NEXT FOUR YEARS			((Number of acres)
TIO. FROJECTO PL	ANNULU IIVINLAI FOUR TEARS				
RPM BACE	KLOG (\$000): 30				
	IRVEY HAS BEEN COMPI PROJECT AT THE ESTIM			FOR CONSTRUCTING	G THE

1.COMPONENT ARNG				AND RESERVI	E		2. DATE FEB 99
3. INSTALLATION ANI							
CHARLOTTE,	NORTH CAROL	INA					
11. PERSONNEL STF	RENGTH AS OF:	1 DEC 98					
	TOTAL	PERMAN		CIV/II IANI	TOTAL	GUARD/RESE	
		<u>FFICER</u>	ENLISTED	<u>CIVILIAN</u>	TOTAL	<u>OFFICER</u>	ENLISTED
AUTHORIZED	40	2	380	0	1,111	102	1,009
ACTUAL	22	2	20	0	989	100	889
12. RESERVE UNIT D	ATA			1	STRENGTH		
<u>UNIT DE</u>	<u>SIGNATION</u>			<u>AUTHORIZE</u>	E <u>D</u>	<u>ACTUAL</u>	
HEADQUARTER 1-113TH FIELD A UIC: WPJDT0 T	ARTILLERY BA		TERY	230		171	
BATTERY A, 1-1 ARTILLERY BA UIC: WPJDAO	TTALION			118		103	
BATTERY B, 1-1 ARTILLERY BA UIC: WPJDBO	TTALION			114		96	
BATTERY C, 1-1 ARTILLERY BA UIC: WPJDCO	TTALION			108		84	
HEAQUARTERS 30TH ENGINEEI UIC: WVAQAA	R BRIGADE (TA		ANY	139		148	
13. MAJOR EQUIPME		<u>AUT</u>	HORIZED	ASSIGNED			
WHEELED VE TRACKED VE		:	264	245			
TRACKED VE	THULES		16 1/ 118	13 137	1/		
1/ THE ONLY TE SUPPORTED BY BATTALION AR THE ABOVE LIS	THE OMS. TRAE SERVICED A	ACKED VE	CED IN CH	IARLOTTE ARE LONGING TO T	ГНЕ 1-113ТІ	H FA	
14. OUTSTANDING PO	OLLUTION AND SAFE	TY DEFICIENCI	ES:		(\$000)		
A. AIR POLI	LUTION				NONE		
B. WATER P		Y AND HEA	ALTH		NONE		
					· -		

1.COMPONENT ARNG				AND RESERV	E		2. date FEB 99		
3. INSTALLATION AND L		NA							
11. PERSONNEL STREE	NGTH AS OF:	1 DEC 9	8/CONTINUA	TION					
	<u>TOTAL</u>	<u>PERMA</u> <u>OFFICER</u>	NENT ENLISTED	CIVILIAN	<u>TOTAL</u>	GUARD/RESEI OFFICER	RVE ENLISTED		
AUTHORIZED									
ACTUAL									
12. RESERVE UNIT DAT	ГА			STRENG	GTH_				
<u>UNIT DESI</u>	<u>GNATION</u>		AUTH	IORIZED	<u>ACTUAL</u>				
HEADQUARTER: COMPANY, 505T UIC: WTX7TO T	H ENGINEER	BATTALION	24	41	241				
COMPANY B, 509 BATTALION UIC: WTX7BO T		R	16	31	148				
	TOTAL		1,1	11	989				
	WORKBAY DETERMINATION: OMS 5 36 AUTHORIZED MECHANICS = 12 WORKBAYS AUTHORIZED 3								
1/ THE ONLY TRACKED VEHICLES SERVICED IN CHARLOTTE ARE ENGINEER TRACKS SUPPORTED BY THE OMS. TRACKED VEHICLES BELONGING TO THE 1-113TH FA BATTALION ARE SERVICED AT THE MATES (FT. BRAGG), AND ARE NOT INCLUDED IN THE ABOVE LIST.									
13. MAJOR EQUIPMENT	AND AIRCRAFT YPE	AU	THORIZED	ASSIGNED					
14. OUTSTANDING POL	LUTION AND SAFET	Y DEFICIENCIES:			(\$000)				

1.COMPONENT	FY 2000	GUARD AND RES	SERVE		2. DATE			
ARNG		RY CONSTRUCT			FEB 9	99		
3. INSTALLATION AND LO	OCATION		4. PROJECT TITLE					
CHARLOTTE, N	NORTH CAROLINA			ORGANIZATION	NAL MAINT SI	HOP		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBE	₹	8. PROJECT C				
0505896A	214	370036		Auth Approp	4,297 912			
	9. CO	L ST ESTIMATES						
	ITEM		U/M	QTY	UNIT COST	COST (\$000)		
PRIMARY FACILIT	Y					2,947		
OMS MAIN FAC	ILITY		SM SF	2,224 23.939	1,258.54 116.92	(2,799)		
FI AMMARI F M	IATERIALS STORAGE		SM	23,939	846.15	(22)		
I LAWINIABLE IV.	IATERIAES STORAGE		SF SF	280	78.57	(22)		
CONTROLLED	WASTE HANDLING FA	CILITY	SM	31	870.97	(27)		
CONTROLLED		CILIT I	SF	334	80.83	(= /)		
ENCLOSED UNI	HEATED STORAGE		SM	93	881.72	(82)		
			SF	1,001	81.91	,		
FORCE PROTEC	TION		LS	-	-	(17)		
SUPPORTING FAC	ILITIES					1,090		
SITE PREPARAT	TION, GRADING & DRA	AINAGE	LS	-	-	(468)		
FINE GRADING	, SEEDING & PLANTIN	GS	LS	-	-	(52)		
	& DISPENSING SYST	EMS	LS	-	-	(94)		
FENCING			LM	298	60.40	(18)		
			LF	978	18.40			
REALIGN STRE	ET INTERSECTION (DI	EMO)	SM	836	7.18	(6)		
			SY	1,000	6.00			
REALIGN STRE	ET INTERSECTION (PA	(VEMENT)	SM	460	17.39	(7)		
			SY	550	12.72			
PAVING (FLEXI	BLE)		SM	1,112	17.09	(19)		
DATE OF STREET			SY	1,330	14.28	(222)		
PAVING (RIGID) & SIDEWALKS		SM	6,113	54.47	(333)		
**** *** *** ****			SY	7,311	45.54	(22)		
WASH PLATFOR			LS	-	-	(23)		
LUBE & INSPEC			LS	-	-	(29)		
DETACHED FACILITIES SIGN			LS	-	-	(6)		
	ICLE LOADING RAMP	ECOM FLEC	LS	-	-	(12)		
SUBTOTAL SUBTOTAL	ΓER, SEWER, GAS, TEI	LECOM, ELEC)	LS	-	-	(23)		
CONTINGENCY (5°	0/)					4,037 202		
TOTAL CONTRAC	/					4,239		
	I COST IP & OVERHEAD (1.37%	6)				4,239		
TOTAL REQUEST	1 & OVERHEAD (1.3/7	0)				4,297		
,	M OTHER FED APPROF	(NON-ADD)				4,297		

10. DESCRIPTION OF PROPOSED CONSTRUCTION
This project is incrementally funded over two years to construct a new organizational maintenance shop. The Army National Guard's plan is to construct both increments as a continuous project using a single construction contract with full authorization for a \$4.297 million project in FY 2000. Furthermore, the Army National Guard is requesting an appropriation of \$.912 million in FY 2000 and advance appropriation of the remaining amount of \$3.385 million. The project consists of a new organizational maintenance shop. The main building will have administrative areas, work spaces, and twelve maintenance bays. Permanent masonry construction will be used, to include a standing seam metal roof and concrete floors. Other facilities will include a flammable materials storage area, a controlled waste handling facility, and an enclosed unheated storage building. Supporting facilities will include flexible and rigid paving, sidewalks, fencing, fuel storage and dispensing systems, wash platform, loading ramp, a detached facility sign, and a lube & inspection rack. Physical security measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.

AIR CONDITIONING - 6 TONS

PROJECT: A consolidated facility to provide organizational maintenance support for the equipment and vehicles of four batteries and three companies. (Current Mission)

REQUIREMENT: A facility of 2,374 SM is required to permit organizational level maintenance for vehicles listed by MTOE.

^{11.} REQUIREMENT: 2,374 SM/25,54 SF ADEQUATE: 0 SM SUBSTANDARD: 691 SM/7,438 SF

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION		2. date FEB 99
3. INSTALLATION A CHARLOT	ND LOCATION FE, NORTH CAROLINA		
4. PROJECT TITLE	4. PROJECT NUMBER		
ORGANIZA	370036		

<u>CURRENT SITUATION</u>: The existing maintenance facilities for the OMS were built in 1974, and contain only 691 SM. Within the building there are no showers, locker rooms, battery rooms or storage space. The heating, electrical and plumbing systems are obsolete. The existing OMS is scheduled for demolition with state funding.

<u>IMPACT IF NOT PROVIDED</u>: Unit readiness will be degraded, and the quality of work will decrease due to deficient administrative, work, and storage space.

ADDITIONAL: 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 1 June 1997 and Design Guide 415-2 dated 1 July 1997. The most similar DoD standards (Vehicle Maintenance Shop, Wheeled and Vehicle Maintenance Shop, Tracked) do not address all of the current criteria incorporated in the organizational maintenance shop 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. However, the primary justification for the project is readiness and quality of life, not economic. 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.

AT/FP POC: SGM BOOTH/919-664-6237 COL GOSS/919-664-6114

1.COMPONE ARNG		FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION			2. DATE FEB 99
3. INSTALLATI	0N AND	LOCATION			
CHARLO	OTTE,	, NORTH CAROLINA			
4. PROJECT T	ITLE		ŧ	5. PROJEC	
ORGAN	IZATI	ONAL MAINTENANCE SHOP		3700	30
12. SUPPLEME	NTAL D	ATA:			
a. ESTI	MATE	ED DESIGN DATA:			
(1)	STAT	TUS:			
	(a)]	DATE DESIGN STARTED		0:	5/97
	(b)	PERCENT COMPLETE AS OF JANUARY 1999		3	5%
		DATE DESIGN EXPECTED TO BE 35% COMPLETE		10	0/97
	` /	DATE DESIGN COMPLETE		5	/99
	. /	PARAMETRIC COST ESTIMATING USED TO DEVELOP COST.		1	ON
	` /	AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN			
(2)	DAGI	G.			
(2)	BASI				
		STANDARD OR DEFINITIVE DESIGN - YES NO X WHERE DESIGN WAS MOST RECENTLY USED N/A			
(2)	тот	$A \perp COCT(a) = (a) + (b) \text{ or } (d) + (a).$		(\$0	00)
(3)		AL COST (c) = $(a) + (b)$ or $(d) + (e)$:		0)
	` /	PRODUCTION OF PLANS AND SPECIFICATIONS		0)
	· /	ALL OTHER DESIGN COSTS		(18	36)
	` /	ГОТАL		(18	36)
	(d)	CONTRACT		Ò	· ·
	(e)]	IN-HOUSE			
(4)	CON	ISTRUCTION START	06/00 (MONTH AND YEAR) 10/01	_	
(5)	CON	ISTRUCTION COMPLETION DATE	(MONTH AND YEAR)	_	
		PROGUENIO	FISCAL YEAR		
EQUI <u>NOMEN</u>			APPROPRIATED OR REQUESTED		COST (\$000)
TELECOM	IMUN.		FY00		2

1.COMPONENT ARNG	F	Y 2000 GUAR MILITARY C						2. DATE FEB 99
	I AND LOCATION TTE, NORTH CAROLINA							4.AREA CONSTR COST INDEX 0 84
NORMAL	AND TYPE OF UTILIZATION ADMINISTRATION FIVE (LY PER MONTH.	(5) DAYS PER	WEEK, PL	LUS	ONE (1) TWO (2) l	DAY TRAI	INING
6. OTHER ACTIV	E/GUARD/RESERVE INSTALLATIONS	WITHIN 15 MILE R	RADIUS					
ARNG:	BELMONT (8 MILES) GASTONIA (17 MILES) CONCORD (27 MILES)	ARMORY ARMORY ARMORY			1961 1980 1985	13,401 SI 18,880 S 18,925 S	F	
7. PROJECTS RE	QUESTED IN THIS PROGRAM							
CATEGORY CODE	PROJECT TITLE		SCOPE		COS (\$00		DESIG	SN STATUS_ COMPLETE_
171 5/99	READINESS CENTER		7,019 S		7,0	087	5/97	
FACILITIES FACILITIES	CES RESERVE COMPONENT FACILIT S IDENTIFIED IN ITEM #6 H S BOARD FOR POSSIBLE JO AL CONSTRUCTION.	IAVE BEEN E	XAMINED	BY				CES 20 JAN 99
							_	(Date)
9. LAND ACQUIS NONE	ITION REQUIRED							0
								(Number of acres)
	PLANNED IN NEXT FOUR YEARS SLOG (\$000): 30							
"A SITE SU	RVEY HAS BEEN COMPLE PROJECT AT THE ESTIMA				ABLE I	FOR CONS	ΓRUCTING	G THE

DD FORM 1390s1

1.COMPONENT ARNG		FY		AND RESERV	Έ		2. DATE FEB 99
3. INSTALLATION AN	ID LOCATION						•
CHARLOTTE,	NORTH CAROL	INA					
11. PERSONNEL ST	RENGTH AS OF:	1 DEC 98					
	TOTAL	<u>PERM</u> OFFICER	ANENT ENLISTED	CIVILIAN	<u>TOTAL</u>	GUARD/RESE	RVE ENLISTED
AUTHORIZED	27	7	200	0	435	63	372
	25	6	19	0	388	61	327
ACTUAL 12. RESERVE UNIT I					366	01	321
				STRENGT			
<u>UNIT D</u>	ESIGNATION		A	<u>UTHORIZED</u>	<u>ACTUAL</u>		
HHC 30TH E UIC: WVAQ	ENGR BDE (TA)			139	146		
TPSN: 31306							
DET 2 HCC	FOETH EN DN			66	71		
UIC: WTX77	505TH EN BN			66	71		
TPSN: 2136							
HHB, 1ST BN				230*	171		
UIC: WPJDT TPSN: 14030							
11511. 14050	,						
		TOTA	AL	435	388		
* INCLUDES 1	0-MAN MESS T	EAM AUGMI	ENTATION.				
13. MAJOR EQUIPMI	ENT AND AIRCRAFT						
	<u>rype</u>	<u>A</u>	UTHORIZED	ASSIGNED			
WHEELED V			96	96			
TRACKED VI	EHICLES		13 **	13 **			
TRAILERS			22	22			
** TRACKE	ED VEHICLES A	RE STATION	ED AT MATES	S, FT. BRAGG.			
14. OUTSTANDING P	OLLUTION AND SAFE	ETY DEFICIENCIE	ES:		(\$000)		
A. AIR POLI	LITION				NONE		
	OLLUTION				NONE		
	OLLUTION				INUINE		
	TONAL SAFETY	AND HEAT	TH		NONE		

DD FORM 1390s2

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION					2. DATE FEB 99	
3. INSTALLATION A	3. INSTALLATION AND LOCATION				T TITLE		
CHARLOTTE, NORTH CAROLINA					READINES	S CENTER	
5. PROGRAM ELEMENT 0505896A 6. CATEGORY CODE 7. PROJECT NUMBER 370008				8. PROJECT Auth Approp	7,087 1,504		
		9. COS	T ESTIMATES				
		ITEM		U/M	QTY	UNIT COST	COST (\$000)
PRIMARY FAC READINESS		TER		SM SF	7,019 75,552	1,160.70 107.83	8,190 (8,147)
FORCE PRO SUPPORTING A	ACTIVI	TIES		LS	-	-	(43) 1,135
FINE GRAD		LITION (100% State) EEDING AND PLANT	ΓING	LS LS	-	-	(450) (127)
FENCING				LM LF	303 994	49.50 15.09	(15)
MIL. VEH. P	PARKIN	IG-RIGID CONCRETI	E	SM SY	5,106 6,107	46.61 38.97	(238)
POV PARKII	NG-FLI	EXIBLE		SM SY	10,195 <i>12,193</i>	20.89 17.46	(213)
ACCESS RO	AD-CC	ONCRETE		SM SY	1,004 1,201	46.81 <i>39.13</i>	(47)
SIDEWALKS	S			SM SF	167 1,798	53.89 5.00	(9)
FLAGPOLE UTILITIES				LS LS	-	-	(3) (33)
SUBTOTAL CONTINGENCY (5%)						9,325 466	
TOTAL CONTR	RACT C						9,791 134
TOTAL REQUE	EST	AD-FED (1.37%)	(DD)				7,087
STATE SE EQUIP FROM C		(NON-A FED APPR (NON-AI	,				(2,838) (70)

10. DESCRIPTION OF PROPOSED CONSTRUCTION
This project is incrementally funded over two years to construct a readiness center. The Army National Guard's plan is to construct both increments as a continuous project using a single construction contract with full authorization for a \$7.087 million project in FY 2000. Furthermore, the Army National Guard is requesting an appropriation of \$1.504 million in FY 2000 and advance appropriation of the remaining amount of \$5.583 million. This project is a specifically designed facility of permanent type construction, brick and concrete blocks units, with a standing seam metal roof and concrete floors. This is a multi-story structure with mechanical and electrical equipment. Support facilities include fencing, pavements, utility connections, sidewalk 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 standofl distance cannot be maintained.

Air Conditioning: 50 tons.

PROJECT: A readiness center is requested to serve the peacetime mission of this unit. The space will permit all personnel to perform many necessary tasks that will improve their readiness posture for completion of combat objectives. The existing armory cannot be expanded. (Current Mission)

REQUIREMENT: This facility is required to house three separate units in a consolidated location. This readiness center will provide the necessary administration, indoor training areas, and storage of equipment space to achieve the proficiency in required training and to accomplish the assigned readiness objectives. A site has been identified and has been transferred to the State.

^{11.} REQUIREMENT: 7,019 SM /75,552 SF ADEQUATE: 0 SM SUBSTANDARD: 2,958 SM/31,840 SF

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 99
3. INSTALLATION A	ND LOCATION FE, NORTH CAROLINA		
4. PROJECT TITLE		4. F	PROJECT NUMBER
READINES	S CENTER		370008

<u>CURRENT SITUATION</u>: The present readiness center consists of 2,958 SM and was constructed in 1956. The chronic shortage of space (42% of what is authorized for these units) is worsened by the deteriorated condition of the building itself, as well as the poor site location at the fringe of an international airport. Dangerously high noise levels form jets lifting off on the adjacent runway make relocation of the armory essential. The Airport Authority considers the current readiness center to be an obstacle to their future growth and has provided a superior property on a favorable site less exposed to aircraft noise. The existing readiness center is State-owned and will be disposed of after the new facility has been occupied, in accordance with State Laws.

<u>IMPACT IF NOT PROVIDED</u>: The unit will be required to use the overcrowded facility with a deficiency of 4,054 SM in supply and training areas. The overcrowded conditions and high noise levels will continue to have an adverse effect on troop morale, affecting the recruiting and retention of personnel.

ADDITIONAL: 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 1 June 1997 and Design Guide 415-1 dated 1 June 1997. The most similar DoD standard (Reserve Center) 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 utilized in evaluating this project. However, the primary justification for the project is readiness and quality of life, not economic. 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.

AT/FP POC: SGM BOOTH/919-664-6237 COL GOSS/919-664-6114

1.COMPONENT ARNG		FY 2000 GUARD A MILITARY CONS			2. DATE FEB 99
3. INSTALLATION	AND LOCATION				
CHARLOT	TE, NORTH CARO	LINA			
4. PROJECT TITLE	Ξ			5. PROJECT	
READINES	SS CENTER			31	70008
12. SUPPLEMENTA	AL DATA:				
a. ESTIMA	ATED DESIGN DAT	TA:			
(1) S'	TATUS:				
(8	a) DATE DESIGN	STARTED		05	5/97
		PLETE AS OF JANUARY 1		3	5%
		EXPECTED TO BE 35% CO		10)/97
`	/	COMPLETE		5	/99
,	/	COST ESTIMATING USED		1	NO
	/	CUDY AND LIFE CYCLE O			
(1	/				
	WILL BE DO	CUMENTED DURING FIN	AL DESIGN.		
(2) B	ASIS:				
* *	a) STANDARD OR	DEFINITIVE DESIGN - Y	ES NO X		
,	*	N WAS MOST RECENTLY			
(2) T		a) + (b) an (d) + (a).		((\$000)
* *	$OTAL\ COST\ (c) = (a)$		ATIONIC	·	0
`	/	OF PLANS AND SPECIFICA			0
`	,	SIGN COSTS			(304)
`	/				(304)
`	/				0
(6	e) IN-HOUSE				U
			06/00	_	
(4)	CONSTRUCTION ST	TART			
(5)	CONSTRUCTION CO	OMPLETION DATE	10/01 (MONTH AND YEAR) FISCAL YEAR		
EQUIPME		PROCURING	APPROPRIATED		COST
NOMENCLA	<u>TURE</u>	<u>APPROPRIATION</u>	OR REQUESTED		<u>(\$000)</u>
KITCHEN E	QUIPMENT	OMARNG	FY 00		70

1.COMPONENT ARNG		F	Y 2000 GU. MILITARY	CONSTRU				2. DATE FEB 99
3. INSTALLATION AN	D LOCATION							4.AREA CONSTR
YAKIMA TE	RAINING CEN	TER (YTC) YAK	IMA, WAS	HINGTON				COST INDEX 1.04
5. FREQUENCY AND	TYPE OF UTILIZA	ATION						-
		TIVE (5) DAYS PE D ANNUAL TRA		AND TWO (2)	WEEK	KENDS PER	MONTH, TO)
		NSTALLATIONS WITHIN	N 15 MILE RAD					10.000.07.10.
ARNG	YAKIMA	TD A DUDIC OF	NITED	7 MILES	ARN	MORY		10,880 SF 1953
	YAKIMA	TRAINING CE		0 MILES	0140	n		28,450 SF 1993
ICAD/LICACD	YAKIMA	TRAINING CE		0 MILES	OMS			6,547 SF 1995
JSAR/USMCR	YAKIMA	TRAINING CE	NIEK	0 MILES		NSITE	CDAN	210,000 SF 198
JSA	YAKIMA YAKIMA	TRAINING CE	NTER	9 MILES 0 MILES		MED FORCE ANING CEN	-	35,000 SF 1973 365,000 ACRES
. PROJECTS REQUI	ESTED IN THIS PF	ROGRAM						
CATEGORY CODE		PROJECT TITLE		SCOPE		COST (\$000)		SIGN STATUS_
218	_	PROJECT TITLE		6,276		16,316	_START_	
			CITE	67 555 9	'C'			
FACILITIES IE	(MATES	IG EQUIPMENT S) PHASE I I ITEM 6 HAVE E		67,555 S MINED BY T		ATE RESER	VE FORCES	.
	(MATES DENTIFIED IN OARD FOR PO) PHASE I I ITEM 6 HAVE E OSSIBLE JOINT U	BEEN EXAN	MINED BY T	HE STA			
FACILITIES B	(MATES DENTIFIED IN OARD FOR PO) PHASE I I ITEM 6 HAVE E OSSIBLE JOINT U	BEEN EXAN	MINED BY T	HE STA			28 APR 98
FACILITIES BOUNILATERAL	(MATES DENTIFIED IN OARD FOR PO CONSTRUCT) PHASE I I ITEM 6 HAVE E OSSIBLE JOINT U	BEEN EXAN	MINED BY T	HE STA			
FACILITIES B	(MATES DENTIFIED IN OARD FOR PO CONSTRUCT) PHASE I I ITEM 6 HAVE E OSSIBLE JOINT U	BEEN EXAN	MINED BY T	HE STA			28 APR 98
FACILITIES BOUNILATERAL	(MATES DENTIFIED IN OARD FOR PO CONSTRUCT) PHASE I I ITEM 6 HAVE E OSSIBLE JOINT U	BEEN EXAN	MINED BY T	HE STA			28 APR 98 (Date)
FACILITIES BOUNILATERAL	OENTIFIED IN OARD FOR PO CONSTRUCT	N ITEM 6 HAVE E OSSIBLE JOINT U	BEEN EXAN	MINED BY T	HE STA		IENDS	28 APR 98 (Date) 0 (Number of acres)
FACILITIES BOUNILATERAL D. LAND ACQUISITIONONE	OENTIFIED IN OARD FOR PO CONSTRUCT) PHASE I I ITEM 6 HAVE E OSSIBLE JOINT U TION. UR YEARS	BEEN EXAN USE/EXPAN	MINED BY T	HE STA		IENDS	28 APR 98 (Date)
FACILITIES BOUNILATERAL LAND ACQUISITIONONE 10. PROJECTS PLANEY	OENTIFIED IN OARD FOR PO CONSTRUCT) PHASE I N ITEM 6 HAVE E OSSIBLE JOINT U TION. UR YEARS	BEEN EXAN USE/EXPAN	MINED BY T NSION. THE	HE STA		IENDS	28 APR 98 (Date) 0 (Number of acres)
FACILITIES BOUNILATERAL LAND ACQUISITIONONE 10. PROJECTS PLANEY 01	OENTIFIED IN OARD FOR PO CONSTRUCT IN REQUIRED IN NEXT FO LOCATION YTC, YAK YTC, YAK	N ITEM 6 HAVE E OSSIBLE JOINT U FION. UR YEARS LIMA	BEEN EXAN USE/EXPAN PROJEC READINES MATES PH	MINED BY T NSION. THE I SS CENTER HASE II	HE STA BOAR	D RECOMM	IENDS	28 APR 98 (Date) 0 (Number of acres) MATED PROJECT CO: 5, 625 17,673
FACILITIES BOUNILATERAL D. LAND ACQUISITIONONE 10. PROJECTS PLANEY 01 03	OENTIFIED IN OARD FOR PO CONSTRUCTON REQUIRED IN NEXT FO LOCATION YTC, YAK	J PHASE I J ITEM 6 HAVE E OSSIBLE JOINT U TION. UR YEARS JIMA JIMA JIMA	BEEN EXAN USE/EXPAN PROJECT READINES MATES PH RANGE, PI	MINED BY T NSION. THE	HE STA BOAR	D RECOMM	IENDS	28 APR 98 (Date) 0 (Number of acres) MATED PROJECT CO 5, 625
D. LAND ACQUISITIONONE 10. PROJECTS PLANEY 01 03 05	OENTIFIED IN OARD FOR PO CONSTRUCTON NEQUIRED NEED IN NEXT FO LOCATION YTC, YAK YTC, YAK YTC, YAK YTC, YAK YTC, YAK YTC, YAK YTC, YAK	J ITEM 6 HAVE E OSSIBLE JOINT U TION. UR YEARS IMA IMA IMA IMA	BEEN EXAN USE/EXPAN PROJECT READINES MATES PH RANGE, PI	MINED BY T NSION. THE SS CENTER HASE II LATOON BA	HE STA BOAR	D RECOMM	IENDS	28 APR 98 (Date) 0 (Number of acres) MATED PROJECT CO 5, 625 17,673 9,375

1.COMPONENT ARNG				RD AND RESERVE ONSTRUCTION	Ē		2. DATE FEB 99
. INSTALLATION AND	LOCATION						
YAKIMA TRAII	NING CENTE	ER (YTC), YAKI	MA, WASHI	NGTON			
11. PERSONNEL STR	ENGTH AS OF:	1 DEC 98					
			<u>ANENT</u>			GUARD/RESE	
	<u>TOTAL</u>	OFFICER	ENLISTED	CIVILIAN	<u>TOTAL</u>	<u>OFFICER</u>	ENLISTED
AUTHORIZED	302	24	16	262	4,853	348	4,505
ACTUAL	86	5	5	76	4,336	327	4,009
2. RESERVE UNIT D	ATA			STREM	NGTH_		
<u>UNIT D</u>	ESIGNATION			<u>AUTHORIZED</u>	<u>ACTUAL</u>		
	TRY BRIGAD	QUARTERS CO DE (MECHANIZ 400206		327	242		
TROOP E 303 UIC: WQYR				152	177		
181ST SUPPO UIC: WQYT.				737	699		
IST BATTAL UIC: WPRVA				578	539		
1ST BATTAL UIC: WPRJA				844	760		
3RD BATTAI UIC: WQYJA				844	781		
3. MAJOR EQUIPMEI			AUTHODIZED	ACCIONED			
<u>TY</u> WHEELED VE		<u> </u>	<u>AUTHORIZED</u> 357	ASSIGNED 357			
TRACKED VE			537	537			
TRAILERS			138	138			
4. OUTSTANDING PC	OLLUTION AND SA	AFETY DEFICIENCIES	3:		(\$000)		
A. AIR POLL	UTION				NONE		
B. WATER P					NONE		
	TONIAL CARE	ETY AND HEAL	TII		NONE		

1.COMPONENT ARNG		FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION						
3. INSTALLATION A	ND LOCATION					-		
YAKIMA TRA	AINING CENTE	R (YTC), YA	KIMA, WASHII	NGTON				
11. PERSONNEL S	TRENGTH AS OF:	1 DEC 98	/CONTINUATIO)N				
		·	MANENT		GUARD/RESI			
	TOTAL	OFFICER	ENLISTED	CIVILIAN	TOTAL OFFICER	<u>ENLISTED</u>		
AUTHORIZED								
ACTUAL								
12. RESERVE UNIT	DATA			STR	ENGTH			
<u>UNIT</u>	DESINGATION			AUTHORIZED	ACTUAL			
	ALION, 146TH		ILLERY	772	638			
UIC: WPR	GAA TPSN: 04	00214						
898TH ENC	GINEER BATTA	LION		436	379			
	JAA TPSN: 040							
1141 S T TD	ANSPORTATIO	NI COMDAN	IV	136	91			
	EAA TPSN: 356		I	150	71			
	AR AREA OPER. YAA TPSN: 30		TER (CORPS)	27	30			
UIC. WID	IAA 11511. J	0036						
			TOTAL	4,853	4,336			
12 MA IOD EOLIIDA	TAT AND AIDODAET	-						
	IENT AND AIRCRAFT <u>IYPE</u>		AUTHORIZED	<u>ASSIGNED</u>				
14. OUTSTANDING	POLLUTION AND SAI	FETY DEFICIENC	CIES:		(\$000)			
					(4000)			

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION					2. DATE FEB 99	
3. INSTALLATION AND LOCATION YAKIMA TRAINING CENTER (YTC), YAKIMA, WASHINGTON			4. PROJECT	4. PROJECT TITLE MATES PHASE I			
5. PROGRAM ELEMEN 0505896A	6. CATEGORY CODE 214	7. PROJECT NUMBER 530017	1	8. PROJECT (Auth Approp	16,316 3,464		
	9. (LCOST ESTIMATES					
			U/M	QTY	UNIT COST	COST (\$000)	
PRIMARY FACIL	ITY					9,054	
MATES FACIL	ITY		SM	6,164	1,435.11	(8,846)	
			SF	66,349	133.32		
FLAMMABLE	MATERIALS BUILDING		SM	61	967.21	(59)	
CONTEROLLER	NA CEE DAW DRIC		SF	657	89.80	(40)	
CONTROLLED WASTE BUILDING			SM SF	51	960.78	(49)	
FORCE PROT	ECTION		LS	549	89.25	(100)	
SUPPORTING FA			LS	-	-	(100) 6,180	
SITE PREPARA			LS	_	_	(1,276)	
	EDING AND PLANTING		LS	_	_	(299)	
SIDEWALKS			SM	214	84.11	(18)	
			SY	256	70.31	(-)	
FENCING			LM	1,154	62.39	(72)	
			LF	3,786	19.01	,	
FUEL STORAG	E/DISPENSING SYSTEM			-	-	0	
FIRE PROTECT UTILITIES:	TION SYSTEM		LS	-	-	(1,428)	
WATER, GAS,	TELEPHONE, ELECTRIC	AL AND SEWER	LS	-	-	(996)	
SECURITY LIC			LS	-	-	(232)	
OIL/WATER S	EPARATOR SYSTEMS		LS	-	-	(460)	
FLEXIBLE PA	VING		SM	6,522	43.85	(286)	
			SY	7,800	36.66		
RIGID PAVINO	j		SM	19,858	56.05	(1,113)	
CLIDTOTAL			SY	23,750	46.86	15.004	
SUBTOTAL	(50/)					15,234	
CONTINGENCY (762 15,996	
TOTAL CONTRAC	ISP & OVERHEAD (2%)					320	
TOTAL REQUEST	, ,					16,316	
	HER FED APPR (NON AD	DD)				(119)	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project is incrementally funded over two years to construct a new Maneuver Area Training Equipment Site facility. The Army National Guard's plan is to construct both increments as a continuous project using a single construction contract with full authorization for a \$16.316 million project in FY 2000. Furthermore, the Army National Guard is requesting an appropriation of \$3.464 million in FY 2000 and advance appropriation of the remaining amount of \$12.852 million.

This phased project is to construct a specifically designed tracked and wheeled vehicle maintenance facility of permanent masonry type construction, slab on grade with concrete block walls and sloped, standing seam metal roofing. This facility will be a one-story structure with mechanical and electrical equipment, outside supporting structures include military vehicle and off-street parking, fuel dispensing station, vehicle painting facility, oil/water separators, track vehicle storage compound, access roads, and sidewalks. Physical security measures will be incorporated into design, including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.

Air conditioning: 96 tons.

<u>PROJECT</u>: This phased project is to construct a new Maneuver Area Training Equipment Site (MATES) facility, which is required to provide organizational and direct/general support maintenance for the M1 Abrams series tank, the M2 Bradley series vehicles and other large, tracked combat vehicles. The project has been phased to allow for construction to proceed in an orderly and economically sound manner. Phase I, which is the adaptation of an existing design, is to consist of sitework; extension of serving utilities, access road, telecommunication lines; and the construction of the major portion of the function core area, (administration supply, storage, specialty work areas, etc) and twenty-six (26) organizational and specialty workbays.

^{11.} REQUIREMENT: 6,276 SM/67,555 SF ADEQUATE: 0 SM SUBSTANDARD: 3,428 SM/36,899 SF

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION	2. DATE FEB 99
3. INSTALLATION A YAKIMA T	ND LOCATION RAINING CENTER (YTC), YAKIMA, WASHINGTON	
4. PROJECT TITLE MATES PH	ASE I	4. PROJECT NUMBER 530017

11. REQUIREMENT CONTINUED:

PROJECT(continued):

Phase II is to construct additional core area (administration, supply, specialty work areas, etc.), an additional twenty-eight (28) Organizational and Support Workbays and a 930 square meters storage building. Phase III is to construct the additional authorized thirty (30) Support Workbays, pave the vehicles storage compound, install the storm water retention system, etc. The construction will provide the required maintenance workbay space and other supporting functional spaces to permit personnel to perform the necessary tasks that will insure equipment readiness for training and national emergencies. Each phase provides a complete and useable facility. (Current Mission)

REQUIREMENT: This new construction is required to provide organizational, direct, and general support maintenance on the tracked and wheeled vehicles assigned to the "Enhanced" 81st Infantry Brigade (Mechanized) of the Washington Army National Guard. A total of 537 tracked vehicles, which include 69 M1IP tanks, 161 M2/3 Bradley's, 24 M109 self-propelled howitzers, 283 other tracked vehicles, and 477 wheeled vehicles are supported from this facility. New construction will provide 18,379 square meters, sixty-two (62) organizational and direct support workbays, (total of 84 workbays) and impervious parking for vehicle storage. This facility will be supported by 302 personnel, of which 185 are mechanics. The construction will include technical support areas, latrines and locker areas, secure storage areas, and administrative space. Sufficient land is available at the Yakima Training Center.

<u>CURRENT SITUATION</u>: The current Maneuver Area Training Equipment Site (MATES) facility was designed and constructed in 1976 to provide support to the M48/M60 series of tanks. Since 1978 several units have been added to the force structure and the tactical equipment has been modernized and increased in number. The existing 16 workbays are inadequate in number, size, and capacity to support the M1 Abrams series tank, M2/3 Bradley, engineer equipment, and the other authorized tracked vehicles. The current space for technical support, secure storage and administrative spaces fails to support the mission. The new and expanding environmental requirements placed upon the facility, necessitate compliance action.

IMPACT IF NOT PROVIDED: The undersized workbays, insufficient inside lift capability and inadequate specialty rooms are having an impact on the readiness of the "Enhanced" 81st Brigade. The equipment readiness goals established by Chief, National Guard Bureau, and the Department of the Army for enhanced brigades cannot be achieved in the current undersized facility, which is not maintaining and supporting major equipment items for the Enhanced 81st Brigade units. With only one (1) artillery, three (3) automotive and twelve (12) organizational bays, the amount of backlog will continue to increase. The ultimate result is that the readiness of the Enhanced 81st Brigade will continue to fall and stay below availability rate, increased difficulty in maintaining crew proficiency, lower troop morale, and lower recruiting and retention rates.

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION		2. DATE FEB 99
3. INSTALLATION A YAKIMA T	ND LOCATION RAINING CENTER (YTC), YAKIMA, WASHINGTON		
4. PROJECT TITLE MATES PHA	ASE I	5. PROJECT	NUMBER 530017

11. REQUIREMENT CONTINUED:

ADDITIONAL: 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 1 June 1997 and Design Guide 415-3 dated 30 March 1996. The most similar DoD standards (Vehicle Maintenance Shop, Wheeled and Vehicle Maintenance Shop, Tracked) do not address all of the current criteria incorporated in the 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. However, the primary justification for the project is readiness and quality of life, not economic. 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.

AT/FP POC: MR. LEHMAN/253-512-8268 MAJ WALKER/206-512-8486

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1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION						
3. INSTALLATION AND LOCATION YAKIMA TRAINING CENTER (YTC) YAKIMA, WASHINGTON							
4. PROJECT TITLE MATES PHASE 1		5. PROJECT NUMBER 530017					
12. SUPPLEMENTAL DATA . ESTIMATED I							
(b) PE (c) DA (d) DA (e) PA (f) AN	TE DESIGN STARTED TE DESIGN STARTED RCENT COMPLETE AS OF JANUARY 1999 TE DESIGN EXPECTED TO BE 35% COMPLETE TE DESIGN COMPLETE RAMETRIC COST ESTIMATING USED TO DEVELOP COST I ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN		08/97 100% 2/98 12/98 NO				
	ANDARD OR DEFINITIVE DESIGN - YES NO X IERE DESIGN WAS MOST RECENTLY USED N/A						
(a) PR (b) AL (c) TO (d) CC	COST (c) = (a) + (b) or (d) + (e): DDUCTION OF PLANS AND SPECIFICATIONS L OTHER DESIGN COSTS TAL NTRACT HOUSE		(\$000) 0 0 (1,150) (1,150) 0				
(4) CONST	RUCTION START	-					
(5) CONST	RUCTION COMPLETION DATE	AR)					
EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATED		COST (\$000)				
TELECOMMUNIC LOCKERS, TABLE JSIIDS			35 35 49				

1.COMPONENT ARNG		FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 99			
3. INSTALLATION AND LOCATION				4. PROJECT TITLE					
VARIOUS LOCATIONS			PLANNING AND DESIGN						
5. PROGRAM ELEMENT 0505896A		6. CATEGORY CODE	7. PROJECT NUMBER 999901	8. PROJEC		CT COST (\$000)			
		N/A			Auth	4,129			
					Approp	4,129			
		9. COS	L ST ESTIMATES						
ITEM				U/M	QTY	UNIT COST	COST		
PLANNING AND DESIGN					0031	(\$000)	4,129		
10. DESCRIPTION	OF PROF	POSED CONSTRUCTION							
Items provide f	or conc	ept and final design of	construction for Arm	y National (Guard faciliti	es.			
Tiens provide I	or conc	opt and mur design of t	construction for 7 tilli	, maionai V	odara ideniti				
Army National the planned des	Guard j	nds requested are requi projects programmed fo the FY 2002 program. Is s for projects programm	r execution during F' Funding request is co	Y 2000, connsidered to	ntinuing FY 2	001 designs a	nd for star	ting	

1.COMPONENT ARNG	FY 2000 GUARD AND RESERVE MILITARY CONSTRUCTION				2. DATE FEB 99		
3. INSTALLATION AND LOCATION APPROPRIATE ARMY NATIONAL GUARD INSTALLATION AS NECESSARY			4. PROJECT TITLE UNSPECIFIED MINOR CONSTRUCTION				
5. PROGRAM ELEN 0505896A		6. CATEGORY CODE N/A	7. PROJECT NUMBER 999905		8. PROJECT Auth Approp	COST (\$000) 771 771	
		9. CO	ST ESTIMATES				
ITEM			U/M	QTY	UNIT COST	COST (\$000)	
PRIMARY FACILITY MINOR CONSTRUCTION FACILITIES UNSPECIFIED LOCATIONS SUPPORTING FACILITIES SUBTOTAL CONTINGENCY (0%) SUPERVISION, INSPECTION & OVERHEAD (0%) TOTAL REQUEST EQUIP FROM OTHER FED APPR (NON-ADD)						771 (771) 0 771 0 0 771 0	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct unspecified minor construction projects which have a funded cost of \$1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities or land acquisition as authorized under Title 10 USC 18233a (a) (1).

Air condition - None

11. REQUIREMENT:

PROJECT: Minor Military Construction.

<u>REQUIREMENT</u>: 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 are to correct damage caused by severe weather of others 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.

<u>IMPACT IF NOT PROVIDED</u>: Critically needed projects will not be accomplished, which will jeopardize personnel and/or equipment readiness.