

1. Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. Date 13 JAN 2004
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3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	4. Project Title ARMORY, CAMP GEIGER
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5. Program Element 0206496M	6. Category Code 14345	7. Project Number P1041	8. Project Cost (\$000) 4,010
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9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
ARMORY, CAMP GEIGER (22,561 SF)	m2	2,096		2350
ARMORY (15,382 SF)	m2	1,429	1,289.11	(1840)
COVERED CLEANING AREA	m2	667	645.00	(430)
TECHNICAL OPERATING MANUALS	LS			(40)
INFORMATION SYSTEMS	LS			(40)
SUPPORTING FACILITIES				1250
SPECIAL CONSTRUCTION FEATURES	LS			(210)
ELECTRICAL UTILITIES	LS			(120)
MECHANICAL UTILITIES	LS			(170)
PAVING AND SITE IMPROVEMENTS	LS			(540)
DEMOLITION	LS			(110)
ENVIRONMENTAL MITIGATION	LS			(50)
ANTI-TERRORISM/FORCE PROTECTION	LS			(50)
SUBTOTAL				3600
CONTINGENCY (5%)				180
TOTAL CONTRACT COST				3780
SIOH (6%)				230
SUBTOTAL				4010
TOTAL REQUEST ROUNDED				4010
TOTAL REQUEST				4010

10. Description of Proposed Construction

Construct a single-story reinforced concrete masonry unit (CMU) building with structural walls supported on spread footing, concrete slab on grade foundation, structural steel framing, CMU interior walls, and reinforced concrete roof with modified bituminous roofing. Construction also includes a Covered Cleaning Area (CCA) for the armory. Sustainable principles will be included into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and executive orders. Special construction features include pile foundation. Electrical utilities include telephone, electrical, Intrusion Detection System (IDS), energy saving Electronic Monitoring and Control System (EMCS), and fire alarm. Mechanical utilities include compressed air, heating, ventilation and air conditioning (HVAC), dehumidification system, and fire protection system. Supporting facilities include site and building utility connections (water, telephone, electrical, sanitary and storm sewers, and Local Area Network (LAN)). Paving and site improvements include exterior site and building lighting, perimeter fencing and gates, roads, sidewalks, paved parking, storm water management, retention pond, earthwork, fill, grading, and landscaping. Project includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, environmental mitigation and demolition of buildings TC 341 and TC 342.

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<p>11. Requirement: <u>2096m2</u> Adequate: <u>m2</u> Substandard: <u>m2</u></p> <p>PROJECT: Provide adequate armory facilities for Marine Corps units assigned to Camp Geiger. (Current Mission)</p> <p>REQUIREMENT: Project is required to provide adequate armory facilities to control, secure, and maintain small arms and crew served weapons at Camp Geiger.</p> <p>CURRENT SITUATION: Weapons are currently being stored in a building constructed in the 1970's. Due to the types of materials used during original construction and building design, it is not feasible to renovate this structure to meet current physical security design criteria. An engineering evaluation conducted by Naval Facilities Engineering Command has indicated that due to its structural integrity, this facility cannot be brought up to current armory criteria.</p> <p>IMPACT IF NOT PROVIDED: Weapons will continue to be maintained in a facility that does not meet required security standards.</p>																												
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data:</p> <p>1. Status:</p> <table> <tr> <td>(A) Date Design Start</td> <td>082002</td> </tr> <tr> <td>(B) Date Design 35% Complete</td> <td>012004</td> </tr> <tr> <td>(C) Date Design Completed</td> <td>092004</td> </tr> <tr> <td>(D) Percent Completed as of SEPTEMBER 2003</td> <td>2%</td> </tr> <tr> <td>(E) Percent Completed as of JANUARY 2004</td> <td>35%</td> </tr> <tr> <td>(F) Type of Design Contract</td> <td>Design Bid Build</td> </tr> <tr> <td>(G) Parametric Estimate used to develop cost</td> <td>Yes</td> </tr> <tr> <td>(H) Energy study/Life cycle analysis performed</td> <td>Yes</td> </tr> </table> <p>2. Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design:</td> <td>No</td> </tr> <tr> <td>(B) Where Design Was Most Recently Used:</td> <td>N/A</td> </tr> </table> <p>3. Total Cost (C) = (A) + (B) = (D) + (E) :</p> <table> <tr> <td>(A) Production of Plans and Specifications</td> <td>\$288</td> </tr> <tr> <td>(B) All other Design Costs</td> <td>\$72</td> </tr> </table>					(A) Date Design Start	082002	(B) Date Design 35% Complete	012004	(C) Date Design Completed	092004	(D) Percent Completed as of SEPTEMBER 2003	2%	(E) Percent Completed as of JANUARY 2004	35%	(F) Type of Design Contract	Design Bid Build	(G) Parametric Estimate used to develop cost	Yes	(H) Energy study/Life cycle analysis performed	Yes	(A) Standard or Definitive Design:	No	(B) Where Design Was Most Recently Used:	N/A	(A) Production of Plans and Specifications	\$288	(B) All other Design Costs	\$72
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B. Equipment associated with this project which will be provided from other appropriations: NONE															
<p>JOINT USE CERTIFICATION:</p> <p>The Director Land Use and Military Construction Branch, Installations and Logistics Department, Headquarters Marine Corps certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. Mission requirements, operational considerations, and location are incompatible with use by other components.</p>															
Activity POC: Mr. John Caston		Phone No: DSN 751-1833													