

1. Component NAVY	<b>FY 2005 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 13 JAN 2004
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3. Installation and Location/UIC: M00264 MARINE CORPS COMBAT DEVELOPMENT COMMAND QUANTICO, VIRGINIA	4. Project Title BACHELOR ENLISTED QUARTERS (THE BASIC SCHOOL)
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5. Program Element 0805796M	6. Category Code 72124	7. Project Number P531	8. Project Cost (\$000) 15,090
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**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
BACHELOR ENLISTED QUARTERS (THE BASIC SCHOOL) (59,471 SF)	m2	5,525		10150
BACHELOR ENLISTED QUARTERS (59,471 SF)	m2	5,525	1,727.99	(9550)
BUILT-IN EQUIPMENT	LS			(80)
TECHNICAL OPERATING MANUALS	LS			(70)
INFORMATION SYSTEMS	LS			(120)
ANTI-TERRORISM/FORCE PROTECTION	LS			(330)
SUPPORTING FACILITIES				2940
ELECTRICAL UTILITIES	LS			(150)
MECHANICAL UTILITIES	LS			(340)
PAVING AND SITE IMPROVEMENTS	LS			(950)
DEMOLITION	LS			(1500)
SUBTOTAL				13090
CONTINGENCY (5%)				650
TOTAL CONTRACT COST				13740
SIOH (6%)				820
SUBTOTAL				14560
DESIGN/BUILD - DESIGN COST				520
TOTAL REQUEST ROUNDED				15080
TOTAL REQUEST				15090

**10. Description of Proposed Construction**

Construct a multi-story reinforced concrete masonry unit (CMU) building with concrete foundation and floors, CMU interior walls, Georgian-style cast stone and brick veneer, and standing seam metal roof over structural steel framing. Building provides 130 rooms (260 manspaces) in the standard 2X0 room configuration with semi-private bathrooms and walk-in closets. Built-in equipment includes a service elevator. Community and service core areas consist of laundry facilities, lounges, administrative offices, housekeeping areas and public restrooms. 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. Electrical systems include fire alarms, energy saving Electronic Monitoring and Control System (EMCS), and information systems. Mechanical systems include plumbing, fire protection systems, and heating ventilation and air conditioning (HVAC). Supporting facilities work includes site and building utility connections (water, sanitary and storm sewers, electrical, telephone, Local Area Network (LAN), and cable television). Paving and site improvements include paved parking, sidewalks, roadway access and landscaping. Also includes Technical Operating Manuals, Anti-Terrorism/Force Protection features, demolition of existing barracks buildings 24000 and 24001 including lead paint and asbestos abatement, and environmental mitigation.

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<p>Project will match existing 2000 series barracks on Base per the Base Exterior Architecture Plan (BEAP).</p> <p>Rooms: 130 two person rooms. Maximum utilization: 260 E1-E3. Intended Grade Mix: 150 E1-E3, 40 E-4, 15 E-5. Total: 205 persons.</p>												
<p><b>11. Requirement:</b>            <u>3056MS</u>            <b>Adequate:</b>            <u>2216MS</u>            <b>Substandard:</b>            <u>OMS</u></p> <p><b>PROJECT:</b> This project provides 260 living spaces for bachelor enlisted personnel attached to The Basic School (TBS) at MCB Quantico, VA. <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> This project is needed to provide billeting which meets quality of life standards for permanent party enlisted personnel at TBS. This project also supports the Commandant of the Marine Corps goal to replace all inadequate bachelor quarters with the new 2X0 configured barracks.</p> <p><b>CURRENT SITUATION:</b> Enlisted Marines at TBS are currently billeted in room-configured, gang head BEQs that are in an extreme state of disrepair. These inadequate BEQs do not meet the minimum Department of Defense standards of adequacy for 2X0 billeting, which severely impacts the quality of life and morale of the personnel assigned to The Basic School.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Deferral of this project will result in the continued use of inadequate facilities to house enlisted Marines. This will seriously affect the morale of the enlisted Marines and make it more difficult for the Marine Corps to motivate and retain these specially selected, highly skilled, and experienced leaders.</p>												
<p><b>12. Supplemental Data:</b></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>092004</td> </tr> <tr> <td>(C) Date Design Completed</td> <td>042005</td> </tr> <tr> <td>(D) Percent Completed as of SEPTEMBER 2003</td> <td>3%</td> </tr> </table>					(A) Date Design Start	082002	(B) Date Design 35% Complete	092004	(C) Date Design Completed	042005	(D) Percent Completed as of SEPTEMBER 2003	3%
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<p>(E) Percent Completed as of JANUARY 2004 3%</p> <p>(F) Type of Design Contract Design Build</p> <p>(G) Parametric Estimate used to develop cost Yes</p> <p>(H) Energy study/Life cycle analysis performed Yes</p> <p>2. Basis:</p> <p>(A) Standard or Definitive Design: No</p> <p>(B) Where Design Was Most Recently Used: N/A</p> <p>3. Total Cost (C) = (A) + (B) = (D) + (E) : \$580</p> <p>(A) Production of Plans and Specifications \$500</p> <p>(B) All other Design Costs \$80</p> <p>(C) Total \$580</p> <p>(D) Contract \$80</p> <p>(E) In-House \$500</p> <p>4. Contract Award 012005</p> <p>5. Construction Start 042005</p> <p>6. Construction Complete 042007</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p> <p>C. FY 2003 R&amp;M Conducted (\$000): \$1,600</p> <p>D. FY 2004 R&amp;M Conducted (\$000): \$606</p> <p>E. Future R&amp;M Requirements (\$000): \$1,252</p> <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. This Facility can be used by other components on an as available basis; however, the scope of the project is based on Marine Corps requirements.</p> <p>Activity POC: Richard Reisch Phone No: 703-784-5490</p>			