

1. Component NAVY	<b>FY 2005 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 13 JAN 2004
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3. Installation and Location/UIC: N32416 NAVAL STATION BREMERTON BREMERTON, WASHINGTON	4. Project Title BACHELOR ENLISTED QTRS HOMEPORT ASHORE (INCR I)
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5. Program Element 0212276N	6. Category Code 72111	7. Project Number P305	8. Project Cost (\$000) 34,125
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**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
BACHELOR ENLISTED QTRS HOMEPORT ASHORE (INCR I) (679,870 SF)	m2	63,162		49360
PARKING GARAGE (530,682 SF)	m2	49,302	386.96	(19080)
BEQ (149,188 SF)	m2	13,860	1,771.14	(24550)
BUILT-IN EQUIPMENT	LS			(1740)
TECHNICAL OPERATING MANUALS	LS			(530)
INFORMATION SYSTEMS	LS			(310)
ANTI-TERRORISM/FORCE PROTECTION	LS			(1520)
SPECIAL COSTS	LS			(1630)
SUPPORTING FACILITIES				14930
SPECIAL CONSTRUCTION FEATURES	LS			(6400)
ELECTRICAL UTILITIES	LS			(2320)
MECHANICAL UTILITIES	LS			(1530)
ANTI-TERRORISM/FORCE PROTECTION	LS			(50)
DBC (DESIGN-BUILD COMMISSIONING)	LS			(2530)
PAVING AND SITE IMPROVEMENT	LS			(2100)
SUBTOTAL				64290
CONTINGENCY (5%)				3210
TOTAL CONTRACT COST				67500
SIOH (6%)				4050
SUBTOTAL				71550
DESIGN/BUILD - DESIGN COST				2570
LESS INCREMENT II FUNDING	LS			-40000
TOTAL REQUEST ROUNDED				34120
TOTAL REQUEST				34125

**10. Description of Proposed Construction**

Project constructs 198 "1+1 Enhanced" modules with two private sleeping/living room areas, a shared bathroom and kitchenette, with a stacked washer/dryer in the common area.

Intended Utilization: E1-E4(<4 years) - 396 pn

Maximum Utilization: E1-E4(<4 years) - 396 pn

The construction will include a multi-story reinforced concrete structure with concrete masonry unit (CMU) centerline walls; metal stud partition walls with brick veneer exterior; concrete foundations and floors; standing seam metal roof; and double glazed, insulated, aluminum framed windows. The building will contain a lobby, communal areas, and vending area. Provide elevators, utilities, and fire protection system. A heating, ventilating and air conditioning (HVAC) system will be installed to include air

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<p>conditioning, continuous exhaust, and conditioned make up air. Finally the building will contain cable TV, computer modem and telephone hook ups. Technical operating manuals will be provided.</p> <p>The project will comply with the recent Department of Defense anti-terrorism/force protection construction standards. Special costs include energy adjustment, brick exterior walls, a sloping metal roof, and a pedestrian bridge. Built-in equipment includes room and parking access control systems and elevators. Information systems includes Navy Marine Corps Intranet (NMCI) criteria, local area network (LAN), telephone and fiber optic wiring. Special construction features include contractor coordination, seismic construction, traffic mitigation, and the use of tower cranes during construction.</p> <p>This is the second Bachelor Enlisted Quarters (BEQ) of a planned complex of multiple BEQs and a shared parking garage. This project will also construct an additional 1,494 automobile parking spaces onto an existing multi-level parking garage, that was designed and started by the first BEQ project.</p> <p>Electrical utilities for the complex include upgrading the existing 8-megawatt infrastructure to 16-megawatt capacity. This requires a new duct bank and wiring from Substation 100 to the substation at the site installed by the first BEQ project. This upgrade is split between this project and the first BEQ project for the complex. Water utilities for the complex will include a looped 12" water main to serve domestic and fire service, an 8" fire main extension from an existing fire pump for building sprinklers, and a 12" looped water main extension tied into the existing water booster main. The other BEQ projects when completed will result in an on-site looped water system for the complex. The project will provide steam to the BEQ and provide loop feed to the first BEQ. The other BEQ projects when completed will result in an on-site looped steam system for the complex. This project will connect to the Sanitary System that was replaced by the first BEQ project and complete the upgrade of the system from the site to the lift station. Storm Sewer requirements for this project would overload the existing piping to the receiving basin, which is currently operating at capacity. This project will replace only that piping necessary to meet the requirements for this project. The other BEQ projects will replace additional piping as required.</p> <p>This project has been selected for the Design Build Commission Program. Therefore, it includes additional design cost. Sustainable design principles will be integrated into the design, development, and construction of the project in accordance with Executive</p>				

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Order 13123 and other laws and executive orders.				
<b>11. Requirement:</b> <u>1019PN</u> <b>Adequate:</b> <u>264PN</u> <b>Substandard:</b> <u>0PN</u> <b>PROJECT:</b> This project provides Bachelor Enlisted Quarters for 396 E1-E4(<4 years) and associated parking structure. <b>(Current Mission)</b> <b>REQUIREMENT:</b> Sufficient adequate and efficiently configured housing is required for enlisted personnel attached to ships homeported at Naval Station Bremerton. The Bremerton Naval Complex currently serves two primary missions. The first mission, and the one with the oldest tradition, is that of a shipyard. At Puget Sound Naval Shipyard the typical complement of ships in overhaul is one carrier, one combatant or auxiliary surface ship, one submarine in overhaul and six submarine inactivations and/or disposals (Recycling). <b>CURRENT SITUATION:</b> The Bremerton Naval Complex currently has a shortage of transient E1-E4 bachelor enlisted quarters. To ease the shortage, the Bremerton Naval Complex has leased rooms at various hotels and motels within a 50-mile radius of the Bremerton Naval Complex.  In addition, transportation must be provided from these extended sites located in the Cities of Tacoma and Fife. A comprehensive Bachelor Housing Plan was prepared for the Bremerton Naval Complex. Utilizing the current criteria for housing transient personnel and all the bachelor housing resources available, the Bremerton Complex has still has a housing deficit for 945 enlisted Sailors.  The Bremerton Naval Complex's homeports one Attack Carrier Nuclear (CVN) and four Fast Combat Support Ships (AOEs). The Chief of Naval Operations (CNO) initiative to house single Sailors on shore vice onboard ship further exacerbates an already critical shortfall in available berthing spaces and cannot be met with the resources currently available.  <b>IMPACT IF NOT PROVIDED:</b> The Bremerton Naval Complex will continue to have a shortage of BEQ space available for the permanent party E1-E4(<4 years) currently stationed onboard homeported ships at Bremerton. The lack of facilities providing the required living conditions essential to morale, quality of life, and retention of trained personnel will be inadequate to meet the present and future needs of Fleet personnel. With the current resources available the Bremerton Naval Complex will be unable to comply with the CNO initiative to house				

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single Sailors on shore vice onboard ship.				

**12. Supplemental Data:**

A. Estimated Design Data:

1. Status:

(A) Date Design Start	082002
(B) Date Design 35% Complete	092004
(C) Date Design Completed	042005
(D) Percent Completed as of SEPTEMBER 2003	3%
(E) Percent Completed as of JANUARY 2004	3%
(F) Type of Design Contract	Design Build
(G) Parametric Estimate used to develop cost	Yes
(H) Energy study/Life cycle analysis performed	Yes

2. Basis:

(A) Standard or Definitive Design:	No
(B) Where Design Was Most Recently Used:	N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :	\$580
(A) Production of Plans and Specifications	\$500
(B) All other Design Costs	\$80
(C) Total	\$580
(D) Contract	\$80
(E) In-House	\$500

4. Contract Award 012005

5. Construction Start 042005

6. Construction Complete 042007

B. Equipment associated with this project which will be provided from other appropriations:  
NONE

C. FY 2003 R&M Conducted (\$000): \$35,228

D. FY 2004 R&M Conducted (\$000): \$4,602

E. Future R&M Requirements (\$000): \$1,322

JOINT USE CERTIFICATION:

The Regional Commander 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 Navy requirements.

Activity POC: Joseph Tomko

Phone No: (360) 476-2428