

1. Component NAVY	<b>FY 2005 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 13 JAN 2004
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3. Installation and Location/UIC: N60191 NAVAL AIR STATION OCEANA VIRGINIA BEACH, VIRGINIA	4. Project Title POST 2 SECURITY IMPROVEMENTS (CT)
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5. Program Element 0203476N	6. Category Code 87210	7. Project Number P555	8. Project Cost (\$000) 2,770
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**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
POST 2 SECURITY IMPROVEMENTS (CT)	LS			1310
GUARD HOUSE (431 SF)	m2	40	6,300.00	(250)
ACTIVE VEHICLE BARRIER	EA	3	88,000.00	(260)
ELEVATED CONTROL LANE ISLAND W/BULLNOSE	EA	1	8,250.00	(10)
ELEVATED VEHICLE INSPECTION CATWALK	EA	1	25,000.00	(30)
GUARD HOUSE CANOPY	m2	372	1,295.00	(480)
PASSIVE VEHICLE BARRIER	m	271	350.00	(90)
SINGLE FIRING POSITION/SHELTER	EA	1	53,000.00	(50)
VEHICLE INSPECTOR & POV OCCUPANT SHELTER	EA	1	14,000.00	(10)
BUILT-IN EQUIPMENT	LS			(120)
TECHNICAL OPERATING MANUALS	LS			(10)
SUPPORTING FACILITIES				1180
ELECTRICAL UTILITIES	LS			(150)
MECHANICAL UTILITIES	LS			(70)
PAVING AND SITE IMPROVEMENTS	LS			(710)
SITE PREPARATIONS	LS			(230)
DEMOLITION	LS			(20)
SUBTOTAL				2490
CONTINGENCY (5%)				120
TOTAL CONTRACT COST				2610
SIOH (6%)				160
SUBTOTAL				2770
TOTAL REQUEST ROUNDED				2770
TOTAL REQUEST				2770
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(89)

**10. Description of Proposed Construction**

Project will relocate/upgrade Post 2 at Naval Air Station Oceana (NAS Oceana) to anti-terrorism/force protection (AT/FP) measures required for current security and terrorist threats. Construction will consist of the following: security gate; cable reinforced security fencing with concrete anchors; removal of existing building 1420 and foundation; removal of existing guard house; new hardened guard house with head facilities in new location, provide additional traffic lane from the intersection of London Bridge Boulevard and Swamp Road to the transition of Swamp Road to Hornet Drive; intrusion detection system (IDS), closed circuit television (CCTV), local area network (LAN), and basewide alarm duress system; pump station to accommodate new guard house head facilities; guard house canopy with security lighting and signage; site lighting; inspection and rejection area for privately owned vehicles (POVs) located at the guard house to include a shelter for the vehicle inspector and POV occupants; inspection area for trucks with elevated catwalk (for visual inspections); permanent passive barriers

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<p>from gate to active vehicle barriers; active vehicle barriers located in both inbound and outbound lanes; hardened elevated firing position (for armed personnel); hardened back-up generator and a grass median between both inbound lanes and the outbound lane. A New Security Gate will be located at installation perimeter to allow the base to be closed. Built-in equipment includes automatic traffic controls/devices and guard house island. Technical Operating Manuals are included. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other laws and Executive Orders.</p>				
<p><b>11. Requirement:</b>                    <u>LS</u>                    <b>Adequate:</b>                    <u>LS</u>                    <b>Substandard:</b>                    <u>LS</u></p> <p><b>PROJECT:</b> Project constructs required CT measures at Post 2 at NAS Oceana. <b>(Current Mission)</b></p> <p><b>REQUIREMENT:</b> The gates/guard stations are the installation's first line of defense against terrorist attacks. The major threat at NAS Oceana is a car or truck, with an explosive device or other weapon, breaching the base's perimeter security. This vehicle could reach some of the vital Fleet Tactical Aircraft, Operational and Training facilities and the Commanding Officer's building within minutes. Security barriers are required to stop unauthorized vehicles from entering the Station especially during increased threat conditions. NAS Oceana is the East Coasts only Master Jet Base, supporting both Pacific and Atlantic Aircraft Carriers. Its mission is to provide continuously improving support and services to operating forces and shore commands, and to enhance the quality of life within the Naval community. NAS Oceana personnel provide required support services to 12 F-14 Squadrons, 10 F/A -18 Squadrons and one adversary squadron and approximately 21 tenant and/or supported commands. Furthermore, NAS Oceana is home to Carrier Air Wings One, Three, Seven, Eight and Seventeen. These activities make NAS Oceana a prime potential target for terrorist attacks.</p> <p><b>CURRENT SITUATION:</b> Currently Post 2 uses "Jersey barriers" in a serpentine configuration to slow down incoming traffic, which is limited to one lane. The process of placing these temporary barriers at perimeter gates can hamper security efforts and takes an inordinate amount of time to deploy when the force protection condition is rapidly increasing. The existing guard house is not hardened with bulletproof windows, walls, and doors, nor does it have head facilities.</p> <p><b>IMPACT IF NOT PROVIDED:</b> Post 2 at NAS Oceana will remain an easy target for terrorists to breach security with a car bomb or other forms of weapons.</p>				

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**12. Supplemental Data:**

A. Estimated Design Data:

1. Status:	
(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
2. Basis:	
(A) Standard or Definitive Design:	No
(B) Where Design Was Most Recently Used:	
3. Total Cost (C) = (A) + (B) = (D) + (E) :	
(A) Production of Plans and Specifications	\$199
(B) All other Design Costs	\$149
(C) Total	\$50
(D) Contract	\$199
(E) In-House	\$125
	\$74
4. Contract Award	112004
5. Construction Start	122004
6. Construction Complete	122005

B. Equipment associated with this project which will be provided from other appropriations:

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>(\$000)</u>
		<u>Or Requested</u>	
Cameras	OPN	2005	18
Digital Recorder	OPN	2005	45
Duress Alarm	OPN	2005	5
MUX and Controller	OPN	2005	18
Monitor	OPN	2005	3

JOINT USE CERTIFICATION:

The Regional Commander certifies that this project has been considered for joint use potential. Unilateral Construction is recommended. This is an installation utility/infrastructure project and does not qualify for joint use at this location,

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<p>however, all tenants on this installation are benefited by this project.</p> <p>Activity POC: Les Hanak <span style="float: right;">Phone No: (757) 433-2931</span></p>			