

1. Component NAVY	<b>FY 2005 MILITARY CONSTRUCTION PROGRAM</b>	2. Date 16 JAN 2004
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3. Installation and Location/UIC: N61131 NOLF WASHINGTON COUNTY NC PLYMOUTH, NORTH CAROLINA	4. Project Title OUTLYING LANDING FIELD (OLF) LAND ACQ (INCR I)
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5. Program Element 0212176N	6. Category Code 11110	7. Project Number P691	8. Project Cost (\$000) 61,750
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**9. COST ESTIMATES**

Item	UM	Quantity	Unit Cost	Cost(\$000)
OUTLYING LANDING FIELD (OLF) LAND ACQ (INCR I)	LS			105630
NAVIGATIONAL AID (TACAN) (452 SF)	m2	42	1,355.15	(60)
AIRCRAFT ARRESTING GEAR INSTALLATION	EA	2	209,829.87	(420)
LAND ACQUISITION/RELOCATION/DEMOLITION	AC	30,000	3,326.67	(99800)
FUEL PUMP HOUSE/QC LAB (2,476 SF)	m2	230	1,025.07	(240)
OPS/AIRCRAFT FIRE & RESCUE/AIR TRAFFIC CONTROL (17,384 SF)	m2	1,615	2,361.17	(3810)
FIELD MAINTENANCE SHOP (2,400 SF)	m2	223	987.20	(220)
LSO/FUELER/GUARD SHACKS (1,001 SF)	m2	93	1,000.00	(90)
ENVIRONMENTAL PROTECTION CANOPIES (1,615 SF)	m2	150	500.00	(80)
ANTENNA SUPPORT TOWERS	EA	2	37,500.00	(80)
FIRE TRAINING AREA	LS			(280)
BUILT-IN EQUIPMENT	LS			(200)
TECHNICAL OPERATING MANUALS	LS			(200)
INFORMATION SYSTEMS	LS			(50)
ANTI-TERRORISM/FORCE PROTECTION	LS			(100)
SUPPORTING FACILITIES				12060
SPECIAL CONSTRUCTION FEATURES	LS			(210)
ELECTRICAL UTILITIES	LS			(2170)
MECHANICAL UTILITIES	LS			(860)
FUELING/DISTRIBUTION/BULK STORAGE	LS			(3170)
GRADING AND LANDSCAPING	LS			(980)
ROADWAY AND PAVING	LS			(1480)
SITE IMPROVEMENTS	LS			(3190)
SUBTOTAL				117690
CONTINGENCY (5%)				5880
TOTAL CONTRACT COST				123570
SIOH (6%)				7410
SUBTOTAL				130980
DESIGN/BUILD - DESIGN COST				780
LESS INCREMENT II FUNDING:	LS			-70000
TOTAL REQUEST ROUNDED				61760
TOTAL REQUEST				61750
EQUIPMENT FROM OTHER APPROPRIATIONS (NON ADD)				(7625)

**10. Description of Proposed Construction**

Acquire interests in approximately 30,000 acres of land and provide relocation assistance. Project includes concrete masonry unit construction of a consolidated Aircraft Rescue and Firefighting (ARFF) Station, Air Operations Facility and Aircraft Traffic Control (ATC) Tower; two aircraft refueling hydrants and one vehicle refueling

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<p>station with environmental protection measures, associated fuel storage, piping and dispensing equipment; a Fuel Pump house with Quality Control Laboratory; a Field Maintenance Building; a tactical air navigation (TACAN) Navigational Aid Building with integral antenna support tower; two 10 m2 (110 SF) Landing Signal Officer (LSO) shacks; a 15 m2 (160 SF) shed for aircraft refueling personnel; a 8 m2 (85 SF) guard shack at the complex entry control point; a 35 m2 (375 SF) fire pump shelter; a 15 m2 (160 SF) domestic water well pumphouse; a fire training area with environmental protection measures; airfield/flightline security fencing and hardened gates; underground domestic water and fire protection water distribution systems; an elevated water storage tank for fire protection; underground sanitary sewage collection, piping, septic tank(s) and drain field(s); roads, parking and sidewalk paving; electrical power distribution and site lighting; communication system distribution; two antenna support towers; earthwork, storm drainage, and installation of two sets of bi-directional arresting gear (government furnished contractor installed - GFCI). Built-in Equipment includes two TACAN towers. Special Construction Features include foundation piling for buildings. Anti-terrorism/force protection features to meet current standards will be 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> Acquire land interests and construct facilities for an outlying landing field (OLF). <b>(New Mission)</b></p> <p><b>REQUIREMENT:</b> The OLF will provide facilities and functions to assist the basing and operation of a new F/A-18 E/F (Super Hornet). This includes required repetitive flight operations to support the Atlantic Fleet. One of the more important characteristics of an OLF training facility is for field carrier landing practice. This OLF will allow operations to be conducted away from the home facility thus improving flexibility of operations, improved quality of life and quality of service, and noise/population encroachment mitigation.</p> <p><b>CURRENT SITUATION:</b> The Navy will site eight fleet squadrons and the fleet replacement squadron at Naval Air Station (NAS) Oceana and two fleet squadrons at Marine Corps Air Station (MCAS) Cherry Point, with an Outlying Landing Field (OLF) to be built in Washington County, NC. A new OLF is required to provide operational flexibility, improve the quality of life for Navy personnel and civilians, and most importantly, to meet surge requirements in support of the President's National Defense Strategy. The first Super Hornet Squadron should stand</p>				

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<p>up at NAS Oceana in 2004 with the entire beddown complete by 2010.</p> <p><b>IMPACT IF NOT PROVIDED:</b>  In any basing scenario involving NAS Oceana and/or MCAS Cherry Point, failure to construct an OLF would adversely impact the Navy's ability to mobilize carrier-based forces quickly, safely, and efficiently in response to world situations. Without construction of the OLF, extensive and costly measures are required to ensure all aircrew are properly trained in the event of a surge requirement. These measures include increased operations and noise at existing airfields. Flying detachments to other airfields results in slower attainment of training requirements, additional temporary assigned duty (TAD) and fuel costs, and increased time away from home for service members. Operations at existing facilities are also interrupted by FCLP training.</p>				

**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
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(B) Where Design Was Most Recently Used:

3. Total Cost (C) = (A) + (B) = (D) + (E) : \$800

(A) Production of Plans and Specifications	\$500
(B) All other Design Costs	\$300
(C) Total	\$800
(D) Contract	\$700
(E) In-House	\$100

4. Contract Award 122004

5. Construction Start 032005

6. Construction Complete 072007

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

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<table border="0"> <thead> <tr> <th data-bbox="56 552 203 577"><u>Equipment</u></th> <th data-bbox="737 552 883 577"><u>Procuring</u></th> <th colspan="2" data-bbox="1045 520 1224 546"><u>Fiscal Year</u></th> <th data-bbox="1386 552 1451 577"><u>Cost</u></th> </tr> <tr> <th data-bbox="56 588 251 613"><u>Nomenclature</u></th> <th data-bbox="737 588 948 613"><u>Appropriation</u></th> <th data-bbox="1045 556 1240 581"><u>Appropriated</u></th> <th data-bbox="1045 588 1240 613"><u>Or Requested</u></th> <th data-bbox="1386 588 1484 613"><u>(\$000)</u></th> </tr> </thead> <tbody> <tr> <td data-bbox="56 630 446 655">ARFF Apparatus (vehicles)</td> <td data-bbox="844 630 893 655">OPN</td> <td data-bbox="1110 630 1175 655">2006</td> <td></td> <td data-bbox="1403 630 1484 655">2,375</td> </tr> <tr> <td data-bbox="56 665 446 690">ATC Communication Systems</td> <td data-bbox="844 665 893 690">OPN</td> <td data-bbox="1110 665 1175 690">2006</td> <td></td> <td data-bbox="1403 665 1484 690">3,500</td> </tr> <tr> <td data-bbox="56 701 479 726">ARFF Station Communications</td> <td data-bbox="844 701 893 726">OPN</td> <td data-bbox="1110 701 1175 726">2006</td> <td></td> <td data-bbox="1435 701 1484 726">400</td> </tr> <tr> <td data-bbox="56 737 462 762">IFLOLS Landing Systems (2)</td> <td data-bbox="844 737 893 762">OPN</td> <td data-bbox="1110 737 1175 762">2006</td> <td></td> <td data-bbox="1403 737 1484 762">1,000</td> </tr> <tr> <td data-bbox="56 772 430 798">Intrusion Detection/CCTV</td> <td data-bbox="844 772 893 798">OPN</td> <td data-bbox="1110 772 1175 798">2006</td> <td></td> <td data-bbox="1435 772 1484 798">350</td> </tr> </tbody> </table> <p data-bbox="56 814 430 840">JOINT USE CERTIFICATION:</p> <p data-bbox="56 850 1451 982">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.</p> <p data-bbox="56 1008 743 1033">Activity POC: Andy Porter - Activity Planner</p> <p data-bbox="867 1008 1208 1033">Phone No: 757-433-2226</p>				<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>		<u>Cost</u>	<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>	<u>(\$000)</u>	ARFF Apparatus (vehicles)	OPN	2006		2,375	ATC Communication Systems	OPN	2006		3,500	ARFF Station Communications	OPN	2006		400	IFLOLS Landing Systems (2)	OPN	2006		1,000	Intrusion Detection/CCTV	OPN	2006		350
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