

1. Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. Date 18 FEB 2004
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3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA SICILY, ITALY	4. Project Title BASE OPERATIONS SUPPORT II
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5. Program Element 0203176N	6. Category Code 61010	7. Project Number P640	8. Project Cost (\$000) 15,120
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9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
BASE OPERATIONS SUPPORT II (55,628 SF)	m2	5,168		10210
BASE OPERATIONS BUILDING (28,567 SF)	m2	2,654	1,723.65	(4570)
OPERATIONAL HAZARDOUS STORAGE (689 SF)	m2	64	1,945.85	(120)
APPLIED INSTRUCTION FACILITIES (26,372 SF)	m2	2,450	1,834.94	(4500)
BUILT-IN EQUIPMENT	LS			(630)
TECHNICAL OPERATING MANUALS	LS			(50)
INFORMATION SYSTEMS	LS			(40)
ANTI-TERRORISM/FORCE PROTECTION	LS			(300)
SUPPORTING FACILITIES				3310
SPECIAL CONSTRUCTION FEATURES	LS			(510)
ELECTRICAL UTILITIES	LS			(780)
MECHANICAL UTILITIES	LS			(780)
PAVING AND SITE IMPROVEMENTS	LS			(620)
DEMOLITION	LS			(160)
ENVIRONMENTAL MITIGATION	LS			(370)
ANTI-TERRORISM/FORCE PROTECTION	LS			(90)
SUBTOTAL				13520
CONTINGENCY (5%)				680
TOTAL CONTRACT COST				14200
SIOH (6.5%)				920
SUBTOTAL				15120
TOTAL REQUEST ROUNDED				15120
TOTAL REQUEST				15120

10. Description of Proposed Construction

Constructs three facilities for base operations support: a Public Works/Resident Officer In Charge of Construction administration facility, constructed in the Public Works compound; an applied instruction facility; and an operational hazardous storage facility. These facilities will be concrete and/or steel framed construction, heated and cooled, and provided with fire protection including sprinklers, alarm and detection systems. Built-in equipment includes an elevator in facilities over one-story. Facilities will be connected to the base-wide utility system and designed to Americans with Disabilities Act criteria. Site improvements include a pedestrian walkway to the parking garage and parking lots in accordance with the NAS II Recapitalization Plan. Utility distribution systems throughout the project extents will be replaced and the existing fire pump house will be upgraded to meet fire protection criteria. Construction of these facilities will be permanent, designed in accordance with Italian and U.S. seismic, building, fire and ventilation codes. Project includes relocation of Navy Environmental and Preventive Medicine Unit (NEPMU) 7. Navy anti-terrorism force protection criteria will be incorporated. Demolition of 11 existing facilities (3,744 m2) will be included. Special

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Construction Features include pile foundations. 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.				

11. Requirement: 4508m2 **Adequate:** 0m2 **Substandard:** 0m2

PROJECT:

Provides adequate consolidated Base Operations Support facilities that fully comply with anti-terrorism force protection siting and construction criteria and eliminate current anti-terrorism force protection violations.

(Current Mission)

REQUIREMENT:

This project is required to develop a systematic, methodical and executable program for the recapitalization of facilities at Naval Air Station (NAS) Sigonella Airfield Operations Area (NAS II). This project will reconfigure NAS II to eliminate anti-terrorism force protection and seismic violations and significantly enhance functional efficiency and base operations support; demolish and/or replace all unsafe, low equity, obsolete, inefficient, high maintenance facilities and structures, many of which violate anti-terrorism force protection siting criteria; reclaim and optimize use of scarce and wasted real estate, replace energy inefficient utility systems; and create expansion opportunities associated with future mission changes and expansion/contractions in accordance with theater-wide infrastructure/reduction vision. Consolidation of properly sited facilities, roadways and parking areas will allow maximum use of the scarce real estate at NAS II, which is currently overdeveloped with no available land for expansion. NAS II is the primary airfield operational support area for Sigonella; therefore, the recapitalization plan for this area requires the consolidation of various facilities to significantly enhance functional efficiency and the operational support environment.

CURRENT SITUATION:

Currently, the inhabited and high-occupancy facilities in the base operations portion of NAS II are in serious violation of the latest anti-terrorism force protection criteria for siting (setback distances from the base perimeter, existing roads, parking lots and other buildings), structural integrity and building materials. These violations cannot be remedied by building repairs, but require resiting of new facilities at proper setback distances. These facilities are also in violation of seismic safety criteria. The existing facilities are old, deficient, and inefficient. They have high maintenance costs and are dysfunctional from their originally intended uses. Additionally, they do not conform to Americans with Disabilities Act criteria or anti-terrorism force protection criteria.

IMPACT IF NOT PROVIDED:

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If the project is not constructed, the current situation will persist, contributing to a reduced quality of life in the workplace for personnel stationed at NAS Sigonella. Continued use of existing facilities, which are unsafe, obsolete, inefficient, and high maintenance, as well as land unavailability, will limit the expansion or enhancement to the base operational support and mission readiness. Anti-terrorism/force protection and seismic criteria violations will continue, subjecting personnel to serious life safety threats.

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:	N/A
3. Total Cost (C) = (A) + (B) = (D) + (E) :	\$1,050
(A) Production of Plans and Specifications	\$788
(B) All other Design Costs	\$262
(C) Total	\$1,050
(D) Contract	\$656
(E) In-House	\$394
4. Contract Award	112004
5. Construction Start	122004
6. Construction Complete	082006
B. Equipment associated with this project which will be provided from other appropriations:	
NONE	
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	

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requirements.

Activity POC: John Governale

Phone No: 011-39-095-86-2368