

1. Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. Date 13 JAN 2004
----------------------	--	------------------------

3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA SICILY, ITALY	4. Project Title ACCESS IMPROVEMENTS
--	---

5. Program Element 0203576N	6. Category Code 85110	7. Project Number P265	8. Project Cost (\$000) 7,430
--------------------------------	---------------------------	---------------------------	----------------------------------

9. COST ESTIMATES

Item	UM	Quantity	Unit Cost	Cost(\$000)
ACCESS IMPROVEMENTS	LS			6410
OFF BASE ACCESS ROAD IMPROVEMENTS	LS			(6410)
SUBTOTAL				6410
CONTINGENCY (5%)				320
TOTAL CONTRACT COST				6730
SIOH (6.5%)				440
SUBTOTAL				7170
DESIGN/BUILD - DESIGN COST				260
TOTAL REQUEST ROUNDED				7430
TOTAL REQUEST				7430

10. Description of Proposed Construction

Off-base access improvements will be provided on route SP105 from the Marinai housing complex to the main gate of NAS II and on route SP69 from the SS417 intersection to the Italian Air Force Gate. Existing route SP105 will be widened from two lanes to four lanes, exit/entrance acceleration and turn lanes will be provided and the SS417/SP105 intersection will be completely reconstructed to ensure all directions of traffic can safely enter and exit these roadways. The bridge on route SP105 that spans the Dittaino River will be upgraded to meet seismic requirements and widened to four lanes. The bridge on route SP105 that spans SS417 will be completely demolished and reconstructed with four lanes. Utilities will be re-routed as required to suit the new road and bridge alignments. Roadway lighting will be provided to meet highway design requirements. The existing two-lane route SP69 will be improved to meet current highway criteria for two-lane roads. Turn lanes will be added at the NAS II main gate to alleviate severe traffic congestion, which directly results in force protection vulnerability. Access will be improved to a total of six gates, including the weapons compound. All roadway design and construction shall conform to Italian regulations and standards. Design will be provided by U.S. sources and the Italian Government will execute construction.

11. Requirement: LS **Adequate:** LS **Substandard:** LS

PROJECT:
This project provides force protection upgrades to correct significant anti-terrorism/force protection vulnerabilities directly resulting from inadequate vehicular access, egress, queuing and inspection facilities at Naval Air Station II (NAS II) (Airfield Operations Area).
(Current Mission)

REQUIREMENT:

1. Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM	2. Date 13 JAN 2004
----------------------	--	------------------------

3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA SICILY, ITALY	4. Project Title ACCESS IMPROVEMENTS
--	---

5. Program Element 0203576N	6. Category Code 85110	7. Project Number P265	8. Project Cost (\$000) 7,430
--------------------------------	---------------------------	---------------------------	----------------------------------

Adequate vehicle queuing and inspection areas are required off-base to alleviate traffic congestion. Severe traffic congestion at the NAS II main gate directly compromises NAS Sigonella Security Department's ability to readily identify and defense against terrorist threats. The roadways need to be brought up to current standards and the entrances improved so that vehicles carrying ordnance between NAS II and the weapons compound can operate efficiently and with reasonable public safety. The peak traffic flows that will result from the new Marinai housing complex need to be accommodated.

CURRENT SITUATION:

The existing roads are severely congested during normal daily rush hours and impassible during periods of high threat conditions. Vehicles queue onto high-speed route SS417, endangering station personnel and local nationals. The existing vehicle inspection area does not meet anti-terrorism/force protection setback requirements from the NAS Sigonella Security Building. Vehicles carrying ordnance cannot maneuver the existing roads in an efficient and safe manner. The existing bridges create bottlenecks, do not meet seismic requirements and were designed for local, rural traffic volumes. The bridges are inadequate and unsafe for the high volume of military and commercial traffic.

IMPACT IF NOT PROVIDED:

Without this project, Station personnel will continue to be vulnerable to terrorist threat due to severe traffic congestion. NAS Sigonella's Security Department will not be able to adequately control the traffic intersection immediately outside the main gate. Vehicles will continue to be inspected within close proximity to the Security Building. Ordnance transfer will continue along inadequate and unsafe roads.

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

1.Component NAVY	FY 2005 MILITARY CONSTRUCTION PROGRAM		2.Date 13 JAN 2004																		
3. Installation and Location/UIC: N62995 NAVAL AIR STATION SIGONELLA SICILY, ITALY		4. Project Title ACCESS IMPROVEMENTS																			
5.Program Element 0203576N	6.Category Code 85110	7. Project Number P265	8. Project Cost (\$000) 7,430																		
<table border="0"> <tr> <td>3. Total Cost (C) = (A) + (B) = (D) + (E) :</td> <td style="text-align: right;">\$240</td> </tr> <tr> <td> (A) Production of Plans and Specifications</td> <td style="text-align: right;">\$200</td> </tr> <tr> <td> (B) All other Design Costs</td> <td style="text-align: right;">\$40</td> </tr> <tr> <td> (C) Total</td> <td style="text-align: right;">\$240</td> </tr> <tr> <td> (D) Contract</td> <td style="text-align: right;">\$40</td> </tr> <tr> <td> (E) In-House</td> <td style="text-align: right;">\$200</td> </tr> <tr> <td>4. Contract Award</td> <td style="text-align: right;">112004</td> </tr> <tr> <td>5. Construction Start</td> <td style="text-align: right;">122004</td> </tr> <tr> <td>6. Construction Complete</td> <td style="text-align: right;">042006</td> </tr> </table>				3. Total Cost (C) = (A) + (B) = (D) + (E) :	\$240	(A) Production of Plans and Specifications	\$200	(B) All other Design Costs	\$40	(C) Total	\$240	(D) Contract	\$40	(E) In-House	\$200	4. Contract Award	112004	5. Construction Start	122004	6. Construction Complete	042006
3. Total Cost (C) = (A) + (B) = (D) + (E) :	\$240																				
(A) Production of Plans and Specifications	\$200																				
(B) All other Design Costs	\$40																				
(C) Total	\$240																				
(D) Contract	\$40																				
(E) In-House	\$200																				
4. Contract Award	112004																				
5. Construction Start	122004																				
6. Construction Complete	042006																				
<p>B. Equipment associated with this project which will be provided from other appropriations: NONE</p>																					
<p>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.</p> <p>Activity POC: LT Darren Hale Phone No: 011-39-095-86-6815</p>																					