

1. Component NAVY	<b>FY 2002 MILITARY CONSTRUCTION PROGRAM</b>			2. Date 08/02/01
3. Installation and Location/UIC: COMALAPA AIR BASE SAN SALVADOR, EL SALVADOR		4. Project Title CENTAM FOL		
5. Program Element	6. Category Code 113-20	7. Project Number P-xxx	8. Project Cost (\$000) \$12,577	
<b>9. COST ESTIMATES</b>				
ACF: 120	DATE ESCALATED TO: 01-Oct-01			COST
FER: 1.00	ITEM	U/M	QUANTITY	UNIT COST (\$000)
<b>CENTAM FOL FACILITIES</b>				<b>6,321</b>
	Maintenance Facility	m2	620	781 (485)
	Administrative Support Facility	m2	520	901 (469)
	Relocate engine Test Stand	LS	1	125,525 (126)
	HAZMAT/LOX Storage Facilities	m2	27	703 (19)
	GSE & LAV Parking	m2	310	494 (154)
	Water Treatment Bldg.	m2	8	436 (4)
	Aircraft Parking Apron	m2	30,931	110 (3,403)
	Aircraft Taxiway	m2	10,693	110 (1,177)
	Aircraft Rinse Facility	m2	2,475	110 (273)
	Antiterrorism Force Protection	LS	1	111,000 (111)
	Information Systems	LS	1	50,000 (50)
	Technical Manuals	LS	1	50,000 (50)
<b>SUPPORTING FACILITIES</b>				<b>4,926</b>
	Electrical Utilities	LS	1	255,935 (256)
	Mechanical Utilities	LS	1	945,396 (946)
	Roads, Parking, Sidewalks	m2	6,427	23 (148)
	Site Improvements	m3	288,200	9 (2,537)
	Other Site Prep (Drain Sewage Lagoon)	LS	1	938,363 (939)
	Antiterrorism Force Protection	LS	1	100,000 (100)
SUBTOTAL				11,247
CONTINGENCIES (5%)				562
TOTAL CONTRACT COST				11,809
SUPERVISION, INSPECTION, OVERHEAD (6.5%)				768
DESIGN (01)				
TOTAL REQUEST				12,577
EQUIPMENT PROVIDED FROM OTHER APPROPRIATION (NON-ADD)				260
<b>10. Description of Proposed Construction</b>				
<p>The Maintenance Facility and Administrative Support Facility will be a permanent concrete block structure with appropriate Antiterrorism Force Protection measures and Information Systems equipment. Aircraft Parking Apron will be constructed of reinforced concrete with tie-downs, grounding points and area lighting. Taxitrack and Aircraft Rinse Facility will be constructed of materials to support the minimum requirements of P-3C and C-130 aircraft. Box culverts designed to support P-3C and C-130 aircraft loads will be constructed at locations where aircraft parking apron access taxitracks cross existing drainage ditches. Provide Runway Distance Markers and Airfield Clear Zone encroachment clearing. A Ground Support Equipment covered pad will be provided.. Upgrade an existing Hangar with new floor grate and electric motor for tail cut-out door. Demolition and relocation of a power check pad and sewage lagoon is included. Provide a Package Sewage Treatment Plant and Sewage Lift Station. Mechanical and Electrical utilities will be provided. Design to</p>				

(Continued On DD 1391C...)

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<p>(...continued)</p> <p>seismic zone 2b and 138 MPH wind loads. Provide parking for 5 vehicles and realignment of existing road. A type "A" OMSI manual will be developed.</p>						
<p><b>11. Requirement:</b></p>						
<p><b>FACILITY PLANNING DATA</b></p>						
Cat Code	Requirement	U/M	Adequate	Substandard	Inadequate	Deficiency/Surplus
211-06 - 01-Space (Hangar)	672	SM	0	0	0	672
610-10 – Admin Facility	480	SM	0	0	0	166
112-10 – Taxiway	7,912	SM	0	0	0	7,912
113-20 – A/C Parking Apron	30,931	SM	0	0	0	30,931
116-15 – A/C Rinse Facility	1,438	SM	0	0	0	1,438
<p><b>SCOPE:</b> The project scope for maintenance facility was derived using MIL-HDBK-1028/C Definitive Design for 01-Space (Crew and Equipment Space) of a Type II Maintenance Hangar modified downward to support 3 P-3C and 1 C-130 aircraft. Administrative requirement was based on applying P-80 criteria for Category Code 610-10 of 150 GSF/PN (13.9 SM/PN) multiplied by 13 personnel and required specialized areas. Total administrative requirement (secured and unsecured) is 5,163 GSF (480 SM). Scope for aircraft parking apron was based on parking 3 P-3C and 1 C-130 aircraft 90 degrees wingtip-to-wingtip with a 150' peripheral taxiway. Taxiway scope was based on minimum distance and width required based on International Civil Aviation Organization airfield safety clearances for E-4 class Runway and NAVFAC P-80.3 for Class B airfields. Aircraft rinse facility requirement based on Definitive Design for Type "2" VP Aircraft.</p>						
<p><b>PROJECT:</b> Construct a 672 SM organizational-level aircraft maintenance facility, construct a 480 SM squadron administrative support facility, construct a 30,931 SM lighted parking apron, construct 7,912 SM of taxiway to provide access from parking apron to runway, construct 1,438 SM aircraft rinse facility, 1000 SM covered Ground Support Equipment pad. Also, provide Runway Distance Markers and Airfield Clear Zone encroachment clearing. Box culverts designed to support P-3C and C-130 aircraft loads will be constructed at locations where aircraft parking apron access taxitracks cross existing drainage ditches. Upgrade an existing Hangar with new floor grate and electric motor for tail cut-out door. Demolish and relocate a power check pad and sewage lagoon. Construct a Package Sewage Treatment Plant and Sewage Lift Station. Provide utilities as necessary to support new facilities.</p>						
<p><b>REQUIREMENT:</b> The Navy mission to provide surveillance aircraft in support of Southern Command (SOUTHCOM), Department of Defense (DoD), State Department, and multi agency Counter Drug Operations requires establishment of a Forward Operating location for three (3) P-3 and one (1) C-130 aircraft and 150 personnel.</p>						
<p><b>CURRENT SITUATION:</b> Until mid-1999, the U.S. Navy operated a forward operating location for P-3 surveillance aircraft out of Howard Air Force Base in Rodman, Panama. The 1999 termination of the Panama Canal Treaty closed Howard Air Force Base. These surveillance aircraft supported SOUTHCOM, DoD, State Department, and multi-agency Counter Drug Operations. Currently there are no permanent forward operating locations established for Navy surveillance aircraft.</p>						
<p><b>IMPACT IF NOT PROVIDED:</b> With the termination of the Panama Canal Treaty in 1999, the U.S. Navy has no permanent forward operating location from which to conduct aircraft operations. The Navy mission to provide surveillance aircraft in support of SOUTHCOM, DoD, State Department, and multi-agency Counter Drug Operations will be severely impacted. The P-3 detachment at Rodman, Panama must be relocated and reconstituted at a forward operating location to provide surveillance coverage required in the Caribbean region.</p>						

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<b>ADDITIONAL: Economic Alternatives Considered:</b>				
a. Status Quo: In mid-1999, the Panama Canal Treaty was terminated resulting in the closure Howard Air Force Base in Rodman, Panama. The U.S. Navy detachment operating out of Panama requires establishment of another Forward Operating location, or it will lose the ability to carry out it's mission to provide surveillance aircraft in support of SOUTHCOM, DoD, State Department, and multi-agency Counter Drug operations. The status quo is not an option. No net present value calculations were made.				
b. New Construction: This alternative proposes to construct minimum facilities to support a forward deployed detachment of P-3 surveillance aircraft and C-130 cargo aircraft at Comalapa Air Base in San Salvador, El Salvador.				
c. Leasing: Long term leasing would not be practical as there are no facilities for lease at Comalapa Air Base in San Salvador, El Salvador to meet the requirement. No net present value calculations were made.				
d. Renovation: There are no suitable facilities available at Comalapa Air Base in San Salvador, El Salvador that can be renovated or modernized to satisfy the total requirement. No net present value calculations were made.				
<b>12. Supplemental Data:</b>				
Equipment associated with this project that will be provided from other appropriations:				
	<u>Funding</u>	<u>Funding</u>	<u>Installation</u>	<u>Cost</u>
<u>Major Equipment</u>	<u>Source</u>	<u>Year</u>	<u>Start-End</u>	<u>(000)</u>
Collateral equipment (various)	OPN	2002	Mar/03	\$260
<b>Estimated Design Data:</b>				
1. Status:				
	(A) Date Design Start	08 Jan 01		
	(B) Date Design 35% Complete	15 Mar 01		
	(C) Date Design Complete	15 Aug 01		
	(D) Percent Complete as of 07/02/01	80%		
	(E) Type of Design Contract	Design Indefinite Delivery/Quantity		
2. Basis:				
	(A) Standard or Definitive Design	No		
	(B) Where Design most recently used	N/A		
3. Construction Award Date				
		April 2002		
4. Construction Start				
		June 2002		
5. Construction Complete				
		Dec 2003		

