

DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2017
REQUEST FOR
ADDITIONAL APPROPRIATIONS



JUSTIFICATION OF ESTIMATES
MARCH 2017

Military Construction

The estimated cost for this report for the Department of the Navy (DON) is \$36,719.

The estimated total cost for supporting the DON budget justification material is approximately \$1,834,000. This includes \$75,200 in supplies and \$1,758,800 in labor.

Department of Defense
Military Construction and Family Housing
Base Budget

Appropriation	FY 2017 PB Request	FY 2017 Enacted	FY 2017 March Additional Request	FY 2017 Revised Total Base
Military Construction, Navy				
Major Construction	909,743	1,220,059	16,708	1,236,767
Prior Year Projects -- Cost to Complete:				
FY 2016 Unaccompanied Housing, Patuxent River, MD			(2,043)	
FY 2016 Electrical Repairs to Piers 2,6,7 and 11, Norfolk, VA			(12,166)	
FY 2016 Waterfront Utilities, Portsmouth, VA			(2,499)	
Minor Construction	29,790	29,790	-	29,790
Planning and Design	88,230	88,230	50,000	138,230
Total Military Construction, Navy	1,027,763	1,338,079	66,708	1,404,787

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FY 2017 Proposal – Military Construction, Veterans Affairs and Related Agencies

Appropriations Act, 2017 (Division A, Public Law 114-223)

DEPARTMENT OF DEFENSE-MILITARY PROGRAMS

MILITARY CONSTRUCTION

Military Construction, Navy and Marine Corps

For an additional amount for “Military Construction, Navy and Marine Corps”, \$66,708,000, to remain available until September 30, 2021: *Provided, That such funds may be obligated and expended to carry out planning and design and military construction projects authorized by law.*

This request will fund the planning, design, and construction of facilities and infrastructure at Department of Navy installations. Funds will be used for enacted projects requiring additional funds to complete construction and will provide critical planning and design for future and emergent projects.

The three previously enacted projects requiring additional funds will provide improved operations at Naval shipyards and safe housing for Navy personnel. Inability to complete these projects will further contribute to declines in readiness and warfighter support. Lack of additional planning and design funds will delay the delivery of future construction projects that support readiness.

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Military Construction, Navy
FY 2017 Supplemental Request

Installation: Patuxent River, Maryland

Project: Unaccompanied Housing

Project Number: P975

Authorization: P.L. 114-92, the National Defense Authorization Act (NDAA)
for Fiscal Year (FY) 2016

Estimated Cost (\$000):

Previously Appropriated	40,935
Supplemental Request	2,043
Total Estimated Cost	42,978

Project description: Constructs a multi-story unaccompanied housing (UH) facility to provide two-bedroom market-style units for E1-E4 permanent party personnel. The project also constructs an alert force facility adjacent to Building #2199 to support administrative and training spaces for aircraft squadron personnel currently located in Building #468, which will be demolished as part of this project. A total of seven buildings will be demolished. The existing UH facilities are old, not configured to meet current UH criteria, lack storage spaces, lack adequate fire protection systems, and have poorly functioning heating, air conditioning and ventilation systems. They are also located in an aircraft accident potential zone in violation of airfield safety criteria.

Justification: Market conditions in the Baltimore/Washington area have become less favorable for Navy construction projects. The growth in the number of commercial-sector construction projects in this recovering market has put a premium on labor, sub-contractors and materials. Proposals for Navy projects have been higher than expected. Budget cost estimates were based on market conditions that were more favorable to the government.

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Military Construction, Navy
FY 2017 Supplemental Request

Installation: Norfolk, Virginia

Project: Electrical Repairs to Piers 2, 6, 7 and 11

Project Number: P610

Authorization: P.L. 114-92, the National Defense Authorization Act (NDAA)
for Fiscal Year (FY) 2016

Estimated Cost (\$000):

Previously Appropriated	44,254
Supplemental Request	12,166
Total Estimated Cost	56,420

Project description: Constructs new 480-volt power systems on Piers 2, 6, 7 and 11 to include connectors, receptacle stations, conduits, and cables to protected ductbanks located between the upper and lower pier decks. Electrical conduit and cable systems on the double-deck piers have failed at many locations and continue to have outages caused by storms. Each major storm creates significant damage to the current cable systems due to high water flooding the lower deck and floating objects ramming the utilities components. Deterioration is creating problems with reliability and safety issues with the electrical systems. Reliable shore power to ships in port is required.

Justification: The cost for the power receptacle stations is much higher than budgeted. The original design was determined to be unsuitable due to safety and storm damage vulnerability concerns and would not be able to adequately service the mix of ships required.

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Military Construction, Navy
FY 2017 Supplemental Request

Installation: Portsmouth, Virginia

Project: Waterfront Utilities

Project Number: P614

Authorization: P.L. 114-92, the National Defense Authorization Act (NDAA)
for Fiscal Year (FY) 2016

Estimated Cost (\$000):

Previously Appropriated	45,513
Supplemental Request	2,499
Total Estimated Cost	48,012

Project description: Installs five new permanent substations providing industrial and shore power to Dry Docks 2 and 3; replaces existing potable water distribution lines and riser around Dry Docks 2, 3 and 4; and replaces the existing salt water pipelines around Dry Dock 4. The existing pump at Berth 18 will be replaced. The utilities around the dry docks and at Berth 18 are undersized, severely deteriorated, inefficient and outdated and lack adequate capacity to serve the ships in dry dock or at berth.

Justification: The water and saltwater distribution systems were significantly more costly than budgeted due to unexpected site conditions identified during final design. The existing water lines were more deteriorated than anticipated, thus requiring replacement. Additionally, conflicts with existing utilities were encountered resulting in the need for special measures and increased length of utility runs. Finally, higher capacity piping and appurtenances were needed to meet flow pressure and quantity requirements.

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1. Component NAVY	FY 2017 MILITARY CONSTRUCTION PROGRAM			2. Date 01 MAR 2017
3. Installation(SA) & Location/UIC: N64482 PLANNING /DESIGN UNSPECIFIED, WORLDWIDE LOCATIONS			4. Project Title Planning & Design	
5. Program Element 0901211N	6. Category Code	7. Project Number P227A	8. Project Cost (\$000) 50,000	
9. COST ESTIMATES				
Item	UM	Quantity	Unit Cost	Cost(\$000)
PLANNING & DESIGN	LS			50,000
DESIGN COSTS	LS			(50,000)
SUBTOTAL				50,000
CONTINGENCY (0%)				0
TOTAL CONTRACT COST				50,000
SIOH (0%)				0
SUBTOTAL				50,000
TOTAL REQUEST ROUNDED				50,000
TOTAL REQUEST				50,000
10. Description of Proposed Construction:				
<p>Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, exceptional authority construction (including unspecified minor construction) projects, land appraisals, and other projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.</p>				
11. Requirement:				
PROJECT:				
Planning and design funds.				
(Current Mission)				
REQUIREMENT:				
<p>All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates except in those where Design/Build contracting method is used.</p>				
CURRENT SITUATION:				
N/A				
IMPACT IF NOT PROVIDED:				
N/A				
ADDITIONAL: Economic Alternatives Considered:				

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A. Status Quo: N/A B. Renovation/Modernization: N/A C. Lease: N/A D. New Construction: N/A E. Other Alternatives: N/A F. Analysis Results: N/A				
12. Supplemental Data:				
A. Estimated Design Data: <ol style="list-style-type: none"> 1. Status: <ol style="list-style-type: none"> (A) Date design or Parametric Cost Estimate started (B) Date 35% Design or Parametric Cost Estimate complete (C) Date design completed (D) Percent completed as of September 2015 (E) Percent completed as of January 2016 (F) Type of design contract (G) Parametric Estimate used to develop cost (H) Energy Study/Life Cycle Analysis performed 2. Basis: <ol style="list-style-type: none"> (A) Standard or Definitive Design (B) Where design was previously used 3. Total Cost (C) = (A) + (B) = (D) + (E): <ol style="list-style-type: none"> (A) Production of plans and specifications (B) All other design costs (C) Total \$0 (D) Contract (E) In-house 4. Contract award: 5. Construction start: 6. Construction complete: 				
B. Equipment associated with this project which will be provided from other appropriations: NONE				
JOINT USE CERTIFICATION: N/A				
Activity POC:		Phone No:		