

DEPARTMENT OF THE ARMY ARMY NATIONAL GUARD

FISCAL YEAR (FY) 2018 Amendment
Request for Recovery from Hurricanes
Harvey, Irma, and Maria

MILITARY CONSTRUCTION



NOVEMBER 2017

Department of Army
Details in support of FY 2018 Budget Amendment Request
for Recovery from Hurricanes Harvey, Irma, and Maria

Account Title: Military Construction, Army National Guard
 Agency Name: Department of Defense
 Bureau Name: Military Construction
 Subcommittee: Defense

Funding Table (BA in Millions of Dollars)

Program/Activity	Category Code	Additional 2018 Funds needed for Hurricane Response and Recovery
Account Total		\$519.345
Military Construction	Federal Real Property	\$480.875
Planning and Design	Federal Real Property	\$38.470

Description of Request:

Military Construction: Provides \$458.1 million in funding for ten heavily damaged facilities in Puerto Rico (Camp Santiago, Army Aviation Support Facility San Juan, and Army National Guard Armories Arroyo and Gurabo) and \$22.8 million in funding for two heavily damaged facilities in the U.S. Virgin Islands (Estates Bethlehem and Nazareth). The recapitalization of these facilities is critical to ensure force readiness, health and safety. These facilities are necessary to support aviation and vehicle maintenance, base and combat operations, utilities, and housing for assigned personnel. See Appendix B for further details.

Planning and Design: Funds are also required to perform design and engineering services as well as construction agent oversight in preparation for construction contract award.

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Military Construction, Army National Guard

519.3

Additional funding of \$519.3 million is required by the Army National Guard for the planning, design and construction of facilities and infrastructure projects in Puerto Rico and the Virgin Islands. Severe winds and water intrusion have damaged these facilities beyond repair, and they are recommended for demolition and replacement.

Arroyo, Puerto Rico

Readiness Center

31.9

Funds are required to construct an Army National Guard (ARNG) Readiness Center capable of supporting personnel, equipment and training readiness of the units assigned. ARNG Readiness Center serves as mobilization platform during Federal and State activation of ARNG troops. The facility serves as a headquarters for organizations and provides support to the community. Functional areas included are assembly space, classrooms, distributive learning centers, locker rooms, physical fitness area, kitchen, weapons and protective masks storage, other storage.

The existing readiness center facility sustained significant damage that included near 100% damage to the roof and significant interior damage which compromised the buildings electrical and mechanical systems. Damage estimates are estimated at 75% of the Plant Replacement Value; a complete rebuild is required.

Construction Award Date: July 2019

Construction Start Date: September 2019

Construction End Date: September 2021

Camp Santiago, Salinas, Puerto Rico

Consolidated Dining Facilities

23.4

Funds are required to construct consolidated dining facilities at the training site into two service facilities with a total capacity of 400 personnel. This project replaces seven heavily damage facilities that are inadequate and do not meet current standards. Damage to these facilities exceed the plant replacement value.

Construction Award Date: December 2018

Construction Start Date: February 2019

Construction End Date: February 2020

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Consolidated Headquarters Facility **56.3**

Funds are required to construct a Camp Santiago Training Site Headquarters facility which will support individual and collective training as well as administrative, automation and communications, and logistical requirements for the Army National Guard (ARNG). Camp Santiago stationed training support units are housed in inadequate facilities that sustained heavy damage. These facilities need to be consolidated into a training site headquarters facility hardened and capable of managing on site operations and training, as well as serve as a base to organize and deploy forces for future emergencies.

Construction Award Date: July 2019
Construction Start Date: September 2019
Construction End Date: September 2021

Electric & Communication Replacement & Hardening **31.9**

Funds are required to replace electrical and communication infrastructure for the Camp Santiago Training Site. This project relocates existing damaged overhead utility lines underground where they will be protected from wind damage. It hardens electrical switch facilities and consolidate installation power to one central point allowing supply from the public utility or central backup generator. The emergency power supply includes engine generators and switchgear with automatic start and switchover to standby generator upon failure of the normal power source. The existing electrical distribution system is heavily damaged. Damages to power distribution are greater than 50% of the plant replacement value.

Construction Award Date: April 2018
Construction Start Date: June 2018
Construction End Date: January 2019

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Facility Engineer Maintenance Shop

10.0

Funds are required to construct a Department of Public Works (DPW) Facility to support administrative functions, shops, and material warehousing since the existing facility was heavily damaged. Damages exceed the plant replacement value. DPW lacks adequate facilities to support required shops and warehousing for the Camp Santiago training site.

Construction Award Date: December 2018

Construction Start Date: February 2019

Construction End Date: February 2020

Maneuver Area Training Equipment Site (MATES)

53.1

Funds are required to construct a facility which supports all levels of maintenance for a centralized equipment training set for the National Guard. Supporting facilities include equipment storage, staging, wash, and inspection facilities for maintenance, issue, and turn in of equipment.

Nearly all of the MATES facility roofs are compromised; 39 of the 42 bays had severe damage. Damage estimates exceed the plant replacement value. The shops were compromised and sustained substantial water damage, as well as structural damage due to the compromised roof and doors. The current facility is functionally obsolete and does not adequately support mission requirement. New construction is required to correct functional and life safety deficiencies.

Construction Award Date: December 2018

Construction Start Date: February 2018

Construction End Date: August 2019

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Operations, Administrative, and Supply Facilities **42.5**

Funds are required to construct replacement facilities for three battalion and six company headquarters facilities. The project includes associated administrative, supply and training spaces. This project replaces heavily damage facilities that are inadequate and do not meet current standards. Damage to these facilities exceed the plant replacement value.

Construction Award Date: December 2018

Construction Start Date: February 2019

Construction End Date: February 2020

Transient Training Barracks **106.2**

Funds are required to construct a transient training barracks facility to replace the heavily damaged barracks complex area of the existing training site. This project replaces 1,000 barracks spaces and rehabilitates ~500 barracks spaces that received damage (to include damaged toilet/shower facilities). This project also provides facilities for soldiers and response personnel to safely conduct operations for future hurricane events. The repairs to the barracks exceed the cumulative plant replacement value of the barracks structures; two thirds of the barracks cannot be repaired. The current barracks inventory is ~1700 spaces.

Construction Award Date: December 2019

Construction Start Date: February 2020

Construction End Date: February 2022

San Juan, Puerto Rico

Army Aviation Support Facility **51.0**

Funds are required to construct an aviation maintenance facility to include an aircraft maintenance hangar, administrative space, shops, controlled humidity storage and other required supporting facilities. The current facility was heavily damaged losing significant portions of the roof and the hangar doors; repair is not conducive given the existing facility age and condition. The existing facility is inadequate for support of the current aviation force structure and was designed to support UH-1 72 Huey aircraft. Additionally, new facilities require hardening as two aircraft were heavily damaged when the facility structure was compromised. Repair estimates equal or exceed the plant replacement value.

Construction Award Date: July 2019

Construction Start Date: September 2019

Construction End Date: September 2021

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Gurabo, Puerto Rico

Vehicle Maintenance Shop

51.7

Funds are required to construct a replacement facility for the existing Field Maintenance Shop including required supporting facilities to provide regional maintenance support for combat and tactical vehicles. The facility sustained significant damage which includes near 100% damage to the roof and overhead doors. Damage estimates exceed the plant replacement value. The existing facility is outdated and nearing the end of its useful life and should be replaced.

Construction Award Date: July 2019

Construction Start Date: September 2019

Construction End Date: September 2021

Bethlehem, Virgin Islands

Electric Replacement & Harden

3.7

Funds are required to replace damaged electrical and communication lines, install backup power supply, and supporting switchgear for the site. Relocate existing damaged overhead utility lines underground where they will be protected from wind damage. Consolidate installation power to one central point allowing supply from the public utility or central backup generator. The emergency power supply includes engine generators and switchgear with automatic start and switchover to standby generator upon failure of the normal power source.

All existing above ground lines are down from the storms; repair and replacement of underground lines to current standards is necessary.

Construction Award Date: July 2018

Construction Start Date: September 2018

Construction End Date: September 2019

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Nazareth, Virgin Islands

Vehicle Maintenance Shop

19.1

Funds are required to construct a replacement facility for the existing field maintenance shop including required supporting facilities necessary to provide regional maintenance support for combat and tactical vehicles. The existing facility sustained significant damage which includes near 100% damage to the roof and overhead doors; it is outdated and nearing the end of its useful life and should be replaced.

Construction Award Date: December 2018

Construction Start Date: February 2018

Construction End Date: February 2020

Planning and Design (P&D)

38.5

P&D for military construction projects identified in this request.

Total Army National Guard

519.3