

# PantEX | CONSTRUCTION OPPORTUNITIES

Fiscal Year 2020

## Pantex Mission

- Weapons assembly and disassembly
- Special Nuclear Material operations
- High explosives operations

## Provide the Nuclear Deterrent

- Carry out nuclear weapon life extension programs
- Surveil active weapons systems

## Dismantle and Disposition Retired Weapons

## Deliver High-Explosives Expertise

- Develop, test, and fabricate high-explosives components

Managed by Consolidated Nuclear Security, LLC (CNS)

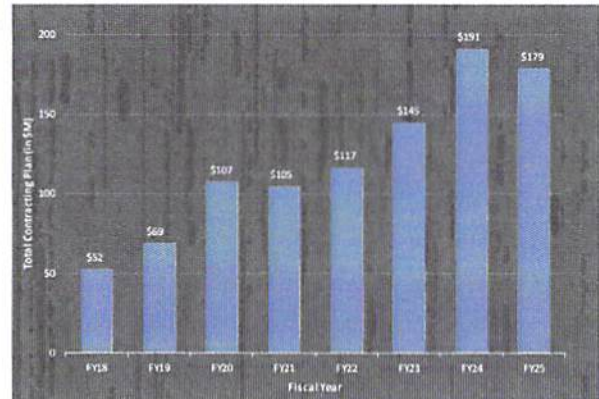


Booz | Allen | Hamilton

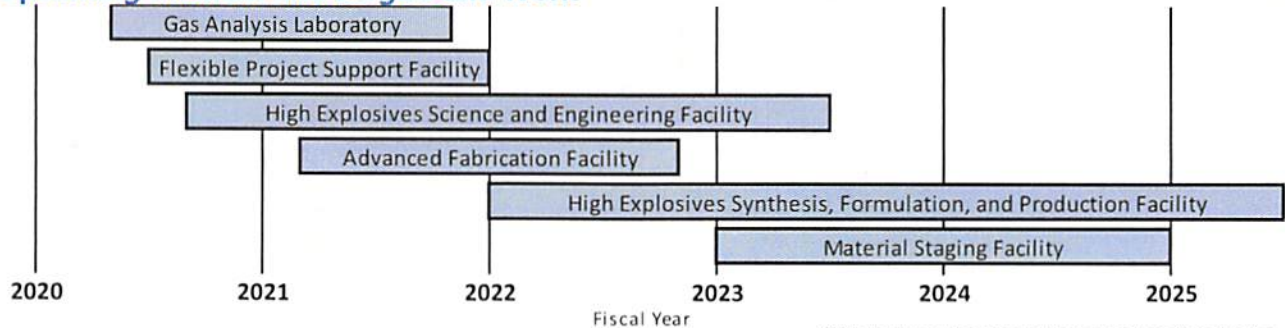


## Pantex Opportunities

- The government has begun the revitalization of the Pantex infrastructure and is committed to continuance of the revitalization in support of the nuclear security mission
- That revitalization requires a strong partnership with the private sector
- The opportunity for this partnership is significant and sustained



## Upcoming Medium and Large Scale Work



This document has been reviewed and confirmed to be UNCLASSIFIED and contains no UCNI.

Name: Ron McNabb

Date: 10/22/2019

eDC/RO ID: 161664

UNCLASSIFIED

### **Gas Analysis Laboratory**

The new Gas Analysis Laboratory is being constructed to replace an existing group of facilities that have been constructed at various times since the early 1950s. The facility includes several specific electrical and mechanical systems intended to provide a continuity of service for the activities that are planned to occur within the new facility. The new Gas Analysis Laboratory will be approximately 11,500 square feet and will be composed of a steel structure with exterior masonry infill.

### **Flexible Project Support Facility**

The Flexible Project Support Facility (FPSF) will provide two office space buildings to house general plant staff. One of the buildings will also provide new work space for the Network Operating Center and Security Operation Center (NOC/SOC) personnel, presently housed in temporary quarters. The buildings will be of a flexible interior design and layout to allow offices, cubicles and hoteling to be easily re-arranged and/or modified to meet changing seating needs over time. Each FPSF facility will be approximately 14,000 square feet.

The building will be a Pantex site adaptation of an office building at the Nevada Nuclear Security Site (NNSS). This building has already been designed for the NNSS.

### **High Explosives Science and Engineering Facility**

The High Explosive Science and Engineering Facility (HESE) will replace 14 current WWII-era facilities at Pantex, support the HE Center of Excellence for Manufacturing mission for the National Nuclear Security Administration (NNSA), and help sustain high-quality scientific staff. The HESE facility will be approximately 73,000 square feet and consist of three structures with associated weather-proofed ramps to replace the aging facilities.

### **Advanced Fabrication Facility**

The Advanced Fabrication Facility (AFF) will consolidate and replace capabilities presently housed in other facilities which need to be replaced to preserve the long-term mission needs at Pantex for the fabrication of inert parts and test fixtures and the sanitization of parts from dismantled components to facilitate their final disposition in an unclassified manner. The scope of the project is limited to the new AFF structure and associated infrastructure. The AFF facility will be approximately 20,000 square feet and will be composed of a steel structure with exterior masonry infill.