

BON SECOUR HEADQUARTERS/VISITOR CENTER TELECOM ADDENDUM

Extension of Fiber Optic from current location to designated network space:

Fiber optic is currently hooked up and functional in existing visitor center/headquarters. Contractor will splice and run fiber optic from existing building to new building. Existing fiber must be extended and terminated with the correct connectors for use in a Cisco 9200 48-port PoE Switch. Government will purchase and install the new switch.

Fiber optic inside the new building will be run through a (two inch) 2-inch metal conduit that is installed by the Contractor.

Once this extension and connection is complete, testing of the fiber line must be conducted and validated by the installer.

Existing Cabinet:

The existing Government cabinet will be removed, reused, and installed by the Contractor. Maintain manufacturer required clearances around the rack.

Cable terminations for access points:

Three CAT 6A cables are required to be run and terminated with connectors from the designated network area to access points through the wall and ceiling. Cable needs to be terminated and provide enough slack for connecting an access point from the ceiling.

CAT6A cables are required to be run and terminated with connectors from the designated network area (IT Printer Room) to access points. A mounting surface shall be installed for an access point by the Contractor.

Ethernet:

The Contractor shall run CAT6A cables from the switch to all cable drop locations shown in the construction drawings.

Government furnished items:

- One (1) Cisco 9200 48-port PoE Switch, installed by Government
- Three (3) Cisco 9120 Access Points (DOIWIFI), installed by Government
- Existing cabinet to be moved and reused/installed by Contractor

Contractor furnished items:

- All Cat6A cables, correctly terminated to patch panels and wall drops
- Mounting surfaces each access point, that are made for the ceiling type/material they are mounted on such as gypsum board and/or drop ceiling.
- All fiber optic cable, appurtenances, and conduit
- 4'x8', 3/4" backboard for telecommunications equipment

More details are in the following documents:

1. FWS AGENCY SPECIFIC REQUIREMENTS FOR IT INFRASTRUCTURE, March 2024 Version 2.0
2. Sheet E-104 of the Construction Drawings
3. Division 27 Specifications, Communications