

1.1 Attachment C: Detailed Scope of Work

1. Description of the services requirements

The Network wiring for one office for a total of 24 drop points. The requirements listed below are to show bidders what GH-FASA is looking for in terms of wiring.

- Networking the GH-FASA office building.
- Cabling installation.
- Ethernet cables to be run between devices, access point, and switches.
- Installation of Wall Face plats for devices to connect to the network.
- Installing the required Patch panel with requested drops.
- Patch fly cables installed.
- Provide a network diagram.

2. Detailed description of tasks required

- Approximately 24 network drop points (wall outlets) total will be needed.
- One 24 RJ45 patch panel must be used, and all cabling terminated on the patch panel at the proposed position, (Install required patch panel based on drops) RJ45 UTP
- The patch panel ports, and corresponding network drop points must be clearly labelled and documented on the network wiring diagram.
- Type of cables to be used: CAT5e, if available (STP type) or CAT6. If shielded cables are not available, UTP cables can be used.
- Appropriate, junctions, elbows, T-branch, and covering must be employed thus concealing all cables.
- 24 Patch cords from the patch panel to switch on network cabinet of 50 or 52 centimeters (blue preferably).
- 24 Patch cords for outlets to end devices 3.0 meters (Orange cables preferred).
- High-quality Cat5e or CAT6 Cable must be used for all Horizontal and vertical cabling.
- 2 Port Double RJ45 Wall Face Plate Network LAN Outlets Cat5e or CAT6 should be used as outlets.
- All outlets must be numbered and should correspond to patch panel numbering.
- All outlets should be tested and installed firmly on the wall for gigabit speed.
- Network ports for access points need to be terminated on the patch panel and with an RJ-45 port on the side of access points.
- 2 Network ports for access points can be installed higher, near the ceiling (One on each floor and centrally located).
- Network conduits must be used were necessary
- Network should be tested for Gigabit speed and be provided by the vendor in written form.
- Vendor should provide one 8U or 9U switch cabinet that they will mount
- All 24 data points must be terminated into a single 24 port patch panel
- A network diagram must be provided upon wiring completion.

3. Period of Performance

The network wiring services must be completed within 10 working days after award/agreement.

4. Summary of deliverables

The selected bidder will produce the deliverables listed below:

- A written test results and certificate of the network installed;
- A network diagram upon wiring completion.

5. Site visit schedule

A site visit will be scheduled on November 18th and 19th, 2024 from 11 am – 12:00 pm to the following address: 5C Second Circular Road, Cantonments, Accra (Near the USAID Strengthening Regional Peace and Stability (SRPS) Office at 5A Second Circular Road, Cantonments, Accra). The Point of Contact is FASA_Procurement-INFO@dai.com.

6. Section 899B compliance

Section 889 of US National Defense Authorization Act of 2019 prohibits government contractors from providing the federal government with telecommunications or video surveillance equipment, systems, or services from the 5 companies listed below and their subsidiaries and affiliates:

- Huawei Technologies Company
- ZTE Corporation
- Hytera Communications Corporation
- Hangzhou Hikvision Digital Technology Company
- Dahua Technology Company
- or any subsidiary or affiliate of such entities

Therefore, DAI as the USAID contractor implementing the USAID FASA Project will **NOT ACCECPT** goods manufactured by the above listed companies and their subsidiaries and affiliates in network