



## **SCOPE OF WORK FOR THE PROCUREMENT OF THE REHABILITATION AND UPGRADING OF NETWORK INFRASTRUCTURE OF DIGOS CITY DIVISION**

### SCOPE OF WORK

#### **A.) Installation of Internet Protocol Private Branch Exchange Phone System (IP PBX System)**

1. Ip Telephone Installation on the following offices
  - 1) SDS Secretary (IpPBX Control)
  - 2) ASDS Office
  - 3) IT Office
  - 4) SGOD Office
  - 5) Medical Unit
  - 6) Cash Section
  - 7) CID Office
  - 8) HR/Admin Office
  - 9) Accounting Office
  - 10) Records Section
  - 11) Supply Section
  - 12) Guard House
2. Install and configure IP PBX hardware and software components.
3. Set up user accounts, extensions, and permissions.
4. Establish connections, cabling to the existing network infrastructure.
5. Conduct training for IT and other Personnel.

#### **B.) Installation of Fire Detection and Alarm System (FDAS)**

1. Installation of Fire/Smoke Detectors on all offices and room (20 units)
2. Installation of the Alarm Panel at the DRRM office
3. Piping, Cabling, Wiring and others.
4. Provide as-built drawings and documentation of the installed FDAS system.
5. Conduct training sessions for building DRRM staff and personnel responsible for operating and maintaining the FDAS

#### **C.) Installations on the Upgrading of Network and WiFi System to 10GB and Fiber Cabling**

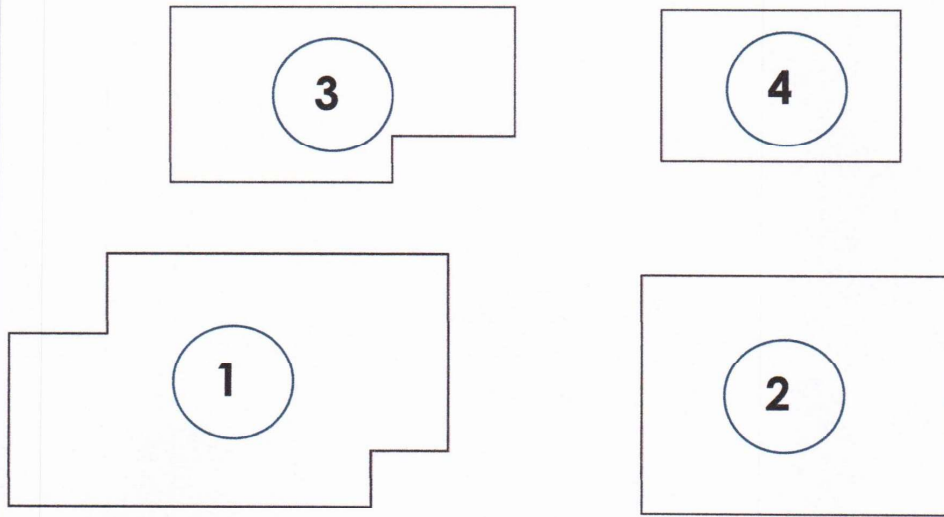
1. Installation of Fiber Lines from IT Unit to other buildings
2. Installation of hanging Data Cabinets.
3. Install and configure new network switches, routers, and access points to support 10GB speeds.
4. Replacing and Elevating of Fiber line from IT Unit to the Fiber Box at the lot corner connecting to the P2P Fiber of DiCNHS Building.
5. Welding of angle bar or pipe for the post of the fiber line elevation.
6. Fiber fusion of optical fibers and other termination.

7. Configuration of the Core Switch, which includes the assignment of VLANs, etc.
8. Test and verify network functionality, including VLAN configurations and routing.
9. Conduct training sessions for IT staff and personnel responsible for operating and maintaining the upgraded network and Wi-Fi system.
10. Provide as-built drawings and documentation of the upgraded network infrastructure.

Birds-eye view of DepEd Digos City Division



Buildings of DepEd Division of Digos City



Building 1 First Floor

- SDS Office
- SDS Secretary Office
- ASDS Office
- ASDS Secretary Office
- Legal Office
- Cashier
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Building 1 Second Floor

- IT Room/Data Center
- DRRM Room
- Medical Unity Room
- SGOD Room
- MPRE Room

Building 3

- Property and Supply Office
- Storage Room
- Record Section Office
- Records Storage Room

Building 2 First Floor

- CID Office
- CID Chief Office

Building 1 Second Floor

- Admin Office
- HR Office

Building 4

- Accounting Office
- Budget Office

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