

## SCOPE OF WORK FOR THE NEW HOSPITAL WING

### **Network Switching Infrastructure Scope of Services for network readiness of Second Phase of the Grenada General Hospital.**

The Government of Grenada is seeking the services of telecommunication, network and computing companies to facilitate the provision of network services to the Phase 2 (Outpatient services) Building located at the General Hospital.

In this regard, service providers and suppliers of high capacity network switches and support contracts are invited to provide seal bid quotations to procure, install and support the Hospital's core network infrastructure.

Please note that one of the main elements in the evaluation process would be the ability to respond to service request from the General Hospital within 1 hours.

Providers are urged to understand that the General Hospital in Grenada is highly dependent on functioning IT and network infrastructure, thus the ability to response and replace equipment must be factored into your proposals and design.

**Project Title:** General Hospital 2<sup>nd</sup> Phase IT/Telephony Infrastructure.

**Objective:** To provide a modern IT infrastructure to support data and telephony services in the New Wing of the General Hospital, St. George, Grenada.

### **Switches**

4	48port poe+ switch 4sfp+ 10GB(3 years support)
5	24port poe+ switch 4sfp+ 10GB(3 years support)
2	10GB 12 port sfp+ switch(3 years support)
30	10GB SFP+

***Switches should be similar to the specification of existing equipment in the General hospital such as the following:***

- ***Fortinet 424***
- ***FORTINET 448***

- **CISCO SX550X-12F**

## **Fiber Infrastructure**

5	Rack Mount Fiber Panel
8	Wall Mount Fiber Enclosure
1	Fiber Wall Box termination Panel
2	External Fiber Enclosure
40	1M Patch Cord SM LC-SC
40	1M Patch Cord SM LC-LC
3	External Fiber Cable 1000ft

## Racks and panels

12	SmartRack 1U Horizontal Cable Manager - Finger duct with cover
12	24-Port 1U Rack-Mount Cat6a/Cat6/Cat5e 110 Patch Panel with Cable Management Bar, 110 Punchdown, RJ45, TAA
4	SmartRack 12U Low-Profile Switch-Depth-Plus Wall-Mount Rack Enclosure Cabinet
1	42U SmartRack Value Series Standard-Depth Rack Enclosure Cabinet, 2400-lb. Capacity with doors & side panels
250	Premium Cat5/5e/6 Gigabit Molded Patch Cable, 24 AWG, 550 MHz/1 Gbps (RJ45 M/M), Red, 1 ft.
100	Cat6 Gigabit Snagless Molded Patch Cable (RJ45 M/M) - Blue, 12-ft.

## Fiber installation and termination services:

### *Description:*

Install and terminate fiber at the following locations as indicated in site design.

#### **NEW Building:**

Ground Floor new building.

1<sup>st</sup> Floor New Building.

2<sup>nd</sup> Floor New Building.

3<sup>rd</sup> Floor New Building.

#### **Existing hospital building:**

3<sup>rd</sup> Floor IT/Electrical Closet

2<sup>nd</sup> Floor IT/Electrical Closet

1<sup>st</sup> Floor IT/Electrical Closet

Accident and Emergencies / Records Building

## Network Switching Infrastructure

*Description:* Configuration and installation of switching equipment.

#### **NEW Building:**

**Location: Equipment**

Ground Floor new building.	1 x 24 port POE Switch + 1 x 48 port POE switch
1 <sup>st</sup> Floor New Building.	1 x 24 port POE Switch + 1 x 48 port POE switch
2 <sup>nd</sup> Floor New Building.	1 x 24 port POE Switch + 1 x 48 port POE switch
3 <sup>rd</sup> Floor New Building.	1 x 24 port POE Switch + 1 x 48 port POE switch
IT Room	1 x 24 port POE switch + 1 x 12 port Fiber Switch

**Existing hospital building:**

<b>Location:</b>	<b>Equipment</b>
3 <sup>rd</sup> Floor IT Closet	1 x 12 port fiber switch.

- **Installation:**
- All equipment to be delivered and installed at the new wind, General hospital, Government of Grenada.

**General Information**

- All equipment must be covered by 3 years support with a recovery time of 1 hours after reported failure. Documented evidence of vendors support plan must be included as part of response to this notice.
- Vendor will need to also be prepared to ensure that of PBX equipment is done after installation of all services above.

In case of concerns or clarification or need to visit the site for assessment please contact: Hayden Hopkin: [misofficer@health.gov.gd](mailto:misofficer@health.gov.gd)

All communication should be copied to: [ps@health.gov.gd](mailto:ps@health.gov.gd)

Please submit your sealed bid or quotation to: [ps@health.gov.gd](mailto:ps@health.gov.gd) using a password protected PDF file on or before 12<sup>th</sup> September 2019 at 4:00 PM.

Please note that the government is not obligated to accept the lowest or any quote. Government can terminate the procurement process at any time without entering into a contract. Quotes received after the deadline for submission will be rejected.