

PART 1 - GENERAL

1.01 SUMMARY

- A. The scope of this project is to provide (furnish, install and configure) the network infrastructure, for a complete and operational network infrastructure at the Sterling Town Hall, as defined in the following project components:
- Network Hardware Replacement

1.02 SUBMITTALS

- A. Shop Drawings: Visio Drawings showing rack elevations and devices for system components. Include a diagram showing interconnection of major system components. IP Subnet Scheme document along with all usernames and passwords.

1.03 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer trained and approved by manufacturer of materials and equipment. Installer's employees must have at least the following certifications; one Cisco CCIE and two Cisco CCNP.

1.04 COORDINATION

- A. Coordinate installation of materials and equipment with town Construction Manager for the project.

1.05 PRICING

- A. Pricing should be itemized by Part and Sub-Part. Each Part and Sub-Part can be awarded separately or in total.

PART 2 - SYSTEMS

2.01 NETWORK HARDWARE REPLACEMENT

A. Summary:

The Town will require the purchase and delivery of the following hardware with 8x5 NBD Cisco Smartnet service.

B. Hardware:

1) Three Each of the following items:

- a) WS-C2960X-48LPD-L
- b) CAB-16AWG-AC=
- c) C2960X-STACK=
- d) CAB-STK-E-3M=

2) One Each of the following Items:

- a) Sophos SG 210 UTM
 - i) 3 year Total Protect

2.02 NETWORK HARDWARE CONFIGURATION

A. Summary:

The infrastructure will be racked in a Single MDF in a single 42U Rack (Rack by others).

B. Design

The design of the network should be based on Industry Best Practices. There should be logical networks for Users, Servers and Voice. All IP Schemes need to be documented and provided with the network diagrams. All passwords also need to be provided.