

Statement of Work (SOW)

Cable Services for the VA in Central Texas

1.0 Introduction

The VA changed the Cell Phone Carrier to Verizon and this has created a major problem with for the entire staff. The cell phones are almost useless within the buildings 204/163 and we must improve the Cell Phone reception throughout the main Hospital buildings 204 and 163 that are interconnected. Therefore, we are Planning the installation of an in building Distributed antenna system (DAS system). This is a new system that will cover our needs for this system and provide the VA with a long term solution to our cell phone issues currently and in the future.

2.0 Background

This service will provide a complete cell phone coverage throughout the buildings 204/163 and provide the VA with a means to communicate between key personal and their supervisors. This system is being planned to handle multiple carries at once and with the ability to be expanded as new technologies emerge.

3.0 Scope

The Contractor Shall Design and install a neutral host DAS capable of providing coverage to multiple wireless carriers (Verizon, Sprint, T-Mobile and AT & T) inside of Building 163 and Building 204 at the Central Texas VA Medical Center facility, located in Temple, Texas. The system should be easy to expand as necessary when we have additions to the building.

The Proposed system shall provide full coverage throughout the buildings 204 / 163.

The Contractor will propose a neutral host fiber DAS. The head end will be located in Building 204, 6G 20 Comm. room.

The Proposed solution must be a neutral host DAS capable of providing connections for multiple wireless carriers and technologies and should include the GPS donor antenna.

The DAS equipment in the proposal must support the following:

700MHz / 800MHz / 850MHz Cellular / 1900MHz PCS / 2100MHz / 2300 MHz / AWS technologies as used by Verizon, Sprint, T-Mobile and AT & T

Remote units and fiber housings must be wall mounted in the IDF rooms on fire rated wooden backboards. Power connection will be within a normal distance of less than 5'

All carrier integration and required testing will be handled by each individual carrier that wishes to install their system into the DAS

Passive Intermodulation (PIM) testing is included in this quote. IF PIM rated components will be provided.

The Contractors normal hours of operation should be during the hours of 8:00am – 5:00pm. Escort as required will be provided at no additional cost to the contractor. Some Weekend or afterhours work will be required to prevent disruption of patient care.

The Contractor is required to have at least 5 years of successfully planning and installing Neutral host systems DAS systems for the Major Cell Phone Carriers (Verizon, Sprint, AT & T and T-Mobile) and the ability to assist the VA in recruiting the Major Cell carriers to attach their headend equipment to the system.

4.0 Applicable Directives

None

5.0 Performance Requirements (Identify what the contractor is required to do).

The contractor will install the devices IAW. Industries best practices.

The contractor will ensure the VA receives a valid point of contact for issues that may arise after installation.

The contractor will be required to test the system for proper operation after installation.

6.0 Deliverables

The Contractor will provide as-built drawings of the solution.

Equipment system configuration will be clearly documented.

The results of all test performed for system functionality.

Documentation that provide the Warrant start and end dates for all Equipment provided by the contractor.

All items listed will be given to the COR at completion of the project.

The Contractor must provide at a minimum of a 1 year warranty on all workmanship and standard warranty for all parts and materials provided.