

BB. Provide a subscription for software maintenance and updates for the duration of the warranty period.

CC. ~~The Contractor shall provide spare parts for all supplied equipment as follows: 10% of the total quantity of all lowest replaceable units (LRUs) for each furnished and installed active component of infrastructure equipment, or one completely assembled unit at a minimum. The Contractor shall provide spare parts for the 700 MHz Radio System Fixed Infrastructure. The spare parts shall include a total of 7% of the total cost of all furnished and installed active equipment including but not limited to; full base stations, routers, comparators, switches, site controllers, gateways, microwave radio modules, and Prime/Core site equipment. In addition, a total of 7% of the total cost of all furnished and installed RF Transmissions systems including but not limited to;—Antennas, multicouplers, combiners, and passive RF devices. Coaxial Transmission line is excluded from this requirement. Spare mobile and portable radios shall be based on the quantities shown in the Contract drawings. The Contractor shall provide a spare parts list with a unit price for each item that shall be valid for the duration of the project.~~

1.3. RF System

- A. The Contractor's Scope of Work (SOW) shall include the replacement of all Motorola MTC3600 SMARTNET simulcast infrastructure equipment and software with equipment and software that is P25 Phase II compliant including IP linear simulcast at each of the RF sites. It shall also include the removal of all analog UHF conventional simulcast equipment.
- B. Servers, computers, and network equipment shall be compatible with the latest stable Software Release including Network Routers, Switches, Astro 25 Core, GTR8000 Base Radio, GPW 8000 Receiver, GCP 8000/DSC 8000 Site Controller and GCM Comparators.
- C. Physical floor space constraints exist at most sites and it shall be the responsibility of the Contractor to determine where the new Radio System equipment racks/cabinets are to be located and deal with any floor space issues required to accomplish the transition. Note that Bacton Hill, Y100, Oxford Valley, Roxborough and New Britain sites are managed by 3rd party's respectively. All coordination of available space at these sites must be approved by the site manager. The Contractor shall field verify existing site conditions prior to submitting their proposal.
- D. All the existing simulcast UHF SMARTNET Trunked equipment at each RF simulcast remote site and receiver site shall be replaced with new 700 MHz P25 Phase II simulcast radio system infrastructure equipment . All P25 transmit remote sites shall operate in the linear simulcast mode.
- E. All P25 RF equipment proposed to meet the requirements of this Specification for SEPTA shall have been subjected to the Compliance Assessment Program (CAP) driven by National Institute of Standards and Technology, Office of Law Enforcement Standards (NIST OLES) and have a Supplier Declaration of Conformance (SDoC) Certificate.