



**Addendum #20 to
Request for Proposals (RFP)
STATEWIDE PUBLIC SAFETY WIRELESS COMMUNICATIONS SYSTEM
PROJECT NO. 060B9800036**

December 3, 2009

Ladies/Gentlemen:

This Amendment is being issued to change, add or delete certain information contained in the above named RFP. Specific parts of the RFP have been amended and the RFP changes are detailed below. The changes are marked with text underlined if it is new and crossed through if it has been deleted. This marking will help you more easily identify what has changed.

1. In Section 3.3.3.1 change the wording from:

The first region implemented shall have at least two controllers configured as a primary and secondary. Each region shall have at least one controller for system redundancy. As other regions are activated their controllers shall be interconnected with the preceding controllers. Any single controller shall be capable of backing up any other controller in the statewide system. (e.g. A Region 1 controller shall be able to back up a controller in Region 4).

to:

The first region implemented shall have at least two controllers configured as a primary and secondary. Each region shall have at least one controller for system redundancy. As other regions are activated their controllers shall be interconnected with the preceding controllers. Any single controller shall be capable of backing up ~~any other~~ another controller in the statewide system. (e.g. one region's ~~A Region 1~~ controller shall be able to back up a controller in another region ~~Region 4~~ or another geographically separated controller in the same region).

2. In Section 3.2.12.4. change the wording from:

3.2.12.4 Regional Dispatch Groups

The supporting network and console subsystem architecture must accommodate both collocated and non collocated consoles to be configured into a regional dispatch facility with all functions of each console.

The system shall accommodate the establishment of 20 regional dispatch groups. Each dispatch group must support a minimum of 200 operator positions.

to:

3.2.12.4 Regional Console Dispatch Groups

The supporting network and console subsystem architecture must accommodate both collocated and non collocated consoles ~~to be configured into a regional dispatch facility with all functions of each console.~~

The system shall accommodate the establishment of ~~20~~ 43 regional dispatch groups console groups as specified in Appendix 6 of the RFP. The number of console groups shall be expandable from 43 to 50. Each ~~dispatch~~ console group must support a minimum of ~~200~~ 5 operator positions with a capability of expanding to 20 operator positions per Section 3.2.12.3 of the RFP.

3. Q&A Set #13 - Question 173: The following question was asked and this question was answered by the State as stated below:

Question 173: Could the State provide the specifications for the leaky co-axial cable antenna that will be installed in the Baltimore Harbor and Fort McHenry Tunnels for the BDA vendor to adjust their design due to new Addenda requirements for the 700 MHz System tunnel system?

Answer: See attached Adobe and Word Documents (Q&A Set #13 MA2264 MdTA BHT FMT 12-05-08(REVISED022609)_PlanSet & Q&A SET #13 Q&A # 173 – Section 891 – Radiating Coaxial Cable-Final) for specifications.

The State adds this additional information to its above answer:

Installation of equipment in water crossing tunnels:

The State will allow the Contractor to install equipment such as in line amplifiers, equipment boxes, cross-band couplers, fiber optic feeds, power feeds to active equipment in the tunnel sections subject to certain restrictions.

The Contractor must submit designs to the State for each location for review and approval prior to starting any work. The tunnels have equipment rooms in some locations along the tunnels. The desired location for mounting any equipment is within these rooms. The walls will have to be drilled for cables to enter and exit. All drilling shall require the Contractor to x-ray the location to be drilled, and the x-ray pictures shall be submitted for approval by the State to assure that no avoidable damage is being done to the tunnel wall. All drilling shall be done by a person with proven experience and possessing any certifications appropriate for this work. After running cables all conduit ends and drilled holes shall be filled with a water tight, rodent proof, compound with a proven life of ten years.

4. Grade of Service Summary Sheet Form 2.

The Grade of Service (Public Service) Summary Sheet – Form 2 is attached to this Addendum. It is to be completed by all offerors and submitted by 2 p.m. on Tuesday, December 8, 2009.

5. In Section In Section 3.3.3.1 delete item #2 to read:

~~2.—Option for a “pull pin” type emergency (“man-down”) feature.~~

The section now reads:

3.3.7.13.1.1 Tier I Portable Radio features shall include:

1. At least 48 talk-groups, and
2. ~~Option for a “pull pin” type emergency (“man-down”) feature.~~

6. Appendix 16, Section 2.3.6 has been revised from:

2.3.6 Master and Radio Site Loading

Testing shall demonstrate loading of the Master site. This shall be accomplished with a combination of connected-active radio sites and call traffic. Infrastructure management messaging such as status, alarms, and administrative payloads must be part of the loading of the Master controller CPU, routing and switching equipment. Network loading equipment shall consist of subscriber units, IP traffic loaders and other devices designed to load the CPU, routers, switching devices, interfaces, memory and processors of the Master site trunked controllers, site RF repeaters, and audio routing subsystems shall demonstrate full loading of the Master controller. Therefore, the physical radio sites in testing (Section 2.3.2) coupled with IP-based and other loading equipment shall be used demonstrate performance of the Region under fully loaded conditions.

to:

2.3.6 Master and Radio Site Loading

At the option of the State, Testing shall demonstrate loading of the Master site during the thirty-day operation test. This shall be accomplished with a combination of connected-active radio sites and call traffic. Infrastructure management messaging such as status, alarms, and administrative payloads must be part of the loading of the Master controller CPU, routing and switching equipment. Network loading equipment shall consist of subscriber units, IP traffic loaders and other devices designed to load the CPU, routers, switching devices, interfaces, memory and processors of the Master site trunked controllers, site RF repeaters, and audio routing subsystems shall demonstrate full loading of the Master controller. Therefore, the physical radio sites in testing (Section 2.3.2) coupled with IP-based and other loading equipment shall be used demonstrate performance of the Region under fully loaded conditions.

7. Appendix #16 (Sections #8 and #9) has been revised. The revised Appendix #16 (Sections #8 and #9) is attached. The changes caused by this revision are colored in **turquoise** for ease of recognition.

Date Issued: December 3, 2009

Ed Bannat
Procurement Officer