

The follow are answers to all questions received from the Vendors as of June 27, 2007 at 5:00 PM. Vendors have until July 2, 2007 at 5:00 PM to ask any additional questions.

**The following questions were received from M/A-COM:**

1. Are all Part 90 licenses for the trunking channels received for the sites selected?

The Vendor shall design the system using the frequencies available under FCC Call Sign WQDY448. The Vendor can assume that these frequencies will be available at all County sites.

2. If license modifications are required for sites that are selected by the successful bidder, what is the timeline for license application or modification through the frequency coordinator, the FCC and Canada, given that the County is located above Line A.

See answer to #1 above. The County will be responsible to coordinate and file any frequency changes.

3. If roof penetrations are required at any sites, does the County expect the successful bidder (or their approved sub-contractor) to perform those penetrations, or will the County perform those penetrations?

The Vendor shall identify the work required. The cost information shall be provided as an option. The County may elect to contract for this work separately.

4. The County's current FCC licenses are 3-year slow growth licenses. What is the drop-dead date of these licenses?

The current license (WQDY448) has a construction deadline of 11/30/08.

5. In Section 2.12 when will the weighting factors be available to the bidders?

The County does not plan to provide weighting factors to the Vendors.

6. Section 4.3 – Which buildings are those buildings that the County will provide coverage boundaries relative to the contours stated in the RFP?

The following shall be used for coverage analysis:

- 30db buildings
  - City of Syracuse
  - Syracuse International Airport
- 20db buildings

Town of Dewitt with the Village of East Syracuse  
Town of Manlius with the Villages of Minoa, Fayetteville & Manlius  
Town of Cicero with the Village of North Syracuse  
Town of Clay with the Village of North Syracuse  
Town of Salina with the Village of Liverpool  
Town of Geddes with the Village of Solvay  
Village of Baldwinsville  
Town of Camillus  
10db buildings  
Rest of the County

7. Will the successful bidder be provided free and easy access to all sites or will escorts be required? (Keys, codes etc.)

Yes. All approved Vendor personnel will be provided with site access.

8. There was no project completion date provided by the County. What is the anticipated completion date for the project?

Assuming a contract start date of 11/1/07, the anticipated completion date is 11/30/08.

9. Will the County name a single point of contact (Project Manager) for the project?

Yes.

10. If so, who will that be?

The County will provide the name during contract negotiation.

11. Will the Project Manager have the authority to make decisions or will there be a committee?

The Project Manager will have final authority.

12. Will the successful bidder be afforded addition project time for any issues that may be the responsibility of the County that may cause the project to slip?

Yes.

**The following questions were received from M/A-COM:**

- 1 -M/A-Com needs to formally request an extension for the bid response for a period of 75 days. The amount of time required to provide a thorough response to this RFP, especially since we just received our document on 5/29/07, and are awaiting the CD version, will take

that time to provide a response to the county. This extension if granted would provide Onondaga County with two potential competitive bidders.

See TLMR Addendum #1.

- 2 From discussions at the prebid conference, it appears that Onondaga County wants to follow the P25 Standards as they are approved. M/A-Com understands that to mean the county wants to follow the P25 Phase 1 standard as well as the P25 Phase 2 portion of the standard that was adopted on April 27, 2007. Is that correct?

The County will contract for a system that is compatible with P25 Phase 1 and the new infrastructure will be forward compatible with the P25 Phase 2 standards approved to date. The Vendor is requested to

- 3 Is it the intent of Onondaga County to have the successful vendor provide a non-proprietary response so as to not limit the ability of several vendors to supply equipment? Is that correct?

Yes. The County's desire is to have multiple sources for P25 subscriber equipment.

- 4 There is a full page of evaluation criteria – Does Onondaga County have a weighted amount for each of these sections or can they indicate which ones are especially important to the County?

The County does not plan to provide weighting factors to the Vendors.

- 5 Radio Coverage Design – indicates that the County desires 10, 20 and 30Db buildings that require portable talk in and talk back coverage. Can the County further define which buildings are 20 and 30 Db or does the County anticipate that the entire county requires 30Db building coverage?

The following shall be used for coverage analysis:

30db buildings

City of Syracuse

Syracuse International Airport

20db buildings

Town of Dewitt with the Village of East Syracuse

Town of Manlius with the Villages of Minoa, Fayetteville & Manlius

Town of Cicero with the Village of North Syracuse

Town of Clay with the Village of North Syracuse

Town of Salina with the Village of Liverpool

Town of Geddes with the Village of Solvay

Village of Baldwinsville

Town of Camillus

10db buildings

Rest of the County

- 6 It is our understanding that the portable coverage criteria will be with the portable on hip and complete with a Public Safety Speaker Microphone- Is that correct?

The coverage design criteria shall be a portable on the hip with a public safety speaker/microphone with antenna. The Vendor shall supply coverage maps showing both public safety speaker/microphone with and without the antenna.

- 7 In section 4-3, it speaks to the fact that the county reserves the right to have the vendor revise coverage predictions as required – what does that mean?

The County may request that the Vendor move a site due to circumstances beyond the Vendor's control. If needed, this would occur during negotiations.

**The following questions were received from Motorola:**

**Section 3.1**

It is noted that VTAC/UTAC/ITAC interoperability stations' requirements define them to be conventional repeaters, however are they to operate in 12.5 or 25 KHz channels?

These stations would operate as 12.5 KHz.

What is the County's intention regarding the monitoring and control associated with interoperability of VTAC/UTAC/ITAC equipment? Who, and at what locations will this monitoring and control capability extend?

Each station shall have wireline control through the microwave to the 911 Center and Civic Center consoles. Each station shall be individually controlled from the console.

Regarding the monitoring and control required for access to the NYSWN system, who, and at what locations will this monitoring and control capability extend?

This is a future requirement. No equipment is required at this time.

**Section 3.2.7**

Does the County require the trunking controllers and LAN switches, routers, and related network management equipment be powered from a -48VDC power source?

It is the intent to have as much equipment as possible operate on the -48VDC system. However, it is understood that some equipment will require 120VAC and a UPS.

Three alarm display locations are identified in Section 3.2.7; how do these relate to the location requirements in Section 3.2.4?

Only two alarm displays will be required. These will be at the supervisor's positions at the 911 Center and the Civic Center.

Please provide clarification to this statement in Section 3.3.1 "If the radio console system architecture is networked based between the main console electronics and the operator positions, the Vendors shall not use the existing LAN." As this statement is included in the NMS section, does this indicate that a separate LAN will be provided by the vendor for NM and that it will not be shared with the existing County terminals?

Delete this sentence. It is assumed that the radio network will operate on its own dedicated LAN and that all components will share this LAN including console electronics and the network management equipment.

### **Section 3.5.2**

Are 7/16" DIN connectors acceptable for use on the RF and antenna systems?

Yes.

### **Section 4.3**

It is Motorola's understanding that Onondaga County does not want 95% area reliability and that the bid specification calls for 97% area reliability, which equates to a 95% contour reliability. Is this interpretation correct?

Yes.

### **Section 5.0**

What is the runtime required for the TLMR equipment when operating from DC?

The runtime shall be 8 hours.

Are floor mounted battery banks an acceptable alternative to rack mounting for any -48VDC power system expansion that may be necessary?

Yes.

### **Section 6.2**

Will the re-broadcast audio to the County-wide Fire paging system be originating from one fixed talkgroup?

Yes. The dispatch talkgroup.

Is it desired to have 3 separate stand-alone paging systems, or can a common encoder and control equipment be utilized for all three systems?

A common encoder is acceptable as long as it will provide three simultaneous paging/alerts to occur.

It is understood that the County's CAD system will initiate and control the paging at the 911 Center, however what will control and initiate the paging at the Civic Center?

A separate paging encoder will be required.

Shall all voice-paging systems be designed to operate in 12.5 or 25 KHz bandwidth channels?

It shall be designed to operate at 25 KHz.

Motorola understands that the UHF county-wide paging frequency to be 453.850 MHz; however the 2 VHF paging frequencies appear to be missing from the attachments or addendums. Please provide those VHF frequencies, applicable ERPs and names of any locations currently licensed for VHF paging.

The Vendor shall assume that a VHF frequency will available for any County site with a 250 watt ERP and antenna height as practical at each site.

### **Section 6.7**

Please confirm that the "MED" network is referring to the 10-channel UHF MED system deployed in the central NY area.

Yes.

Please provide details on the "HillNet" network as it applies to this RFP.

HillNet is an existing UHF radio network that includes control stations at various colleges, hospitals and the 911 Center. Syracuse University maintains the repeater for this network. The 911 Center and the Civic Center currently have access to this network.

### **Section 13.6**

There is a reference to "...of the four forms of testing...". Please identify the 4 forms of testing.

This will be negotiated as part of the Acceptance Test Procedure.

**Additional clarifications provided by the County:**

The Vendor shall include RF infrastructure at all sites indicated as TLMR UHF channels in the Site Detail spreadsheet attached; additionally, the Vendor may identify other "fill-in" sites to meet the coverage requirements.