

# Addendum 1

## Delaware County RFP for New 700 MHz System CP-081921

Questions	Answers
1 In order to better prepare for the upcoming inspection visits, please provide the following information for each location to be visited, if possible, by 8/27/2021: (1) Location current purpose (system/equipment hosted. High level inventory if possible) (2) Floor plan of equipment rooms, shelters, dispatch centers (3) Tower mapping, indicating devices (antennas, microwave dishes, etcetera) currently installed on the tower	(1) All are RF sites (towers/buildings/etc.) (2) and (3) No documents/information available
2 Section 2.2 states the county's request of replacement of the current system with an interoperable P25 system, including conventional and interop repeaters. If there is any existing interop equipment that needs to be interfaced to the new system, please specify locations, quantities, and types.	Primary means of I/O is SECOM. Also, DelCo has three ITAC Quantar Base Stations; Lima (2), Prison (1)
3 Section 3.2 states that the county will create a second dispatch center that will contain 18 consoles. Has the county already budgeted for the Zetron consoles at the second dispatch center, or are the bidders being requested to provide those consoles?	As stated in the RFP, the bidders are requested to include those 18 consoles in their bid. IP connectivity between the main and backup dispatch centers will be the responsibility of Delaware County, but the Contractor must provide all necessary system equipment.
4 Section 3.3 states that the county would like a radio-CAD interface option to be presented in the proposal. Can the county please elaborate on the type of functionality it would like to see available in such an interface?	The County asked for GPS as an option. If we wish to purchase that option, then the County would like to bring the GPS into the CAD system for tracking.
5 Section 3.5 states that the county uses an Eventide logging recorder. Can the county please identify the vendor the county used for the recorder purchase? Please confirm if the vendor currently has a support.	Metropolitan Communications was the vendor and provides the support.
6 Please provide logging recorder model and specs.	The first are dual Eventide NexLog 840 recorders which record analog voice circuits and IP recording of the Vesta and Zetron voice. There are four Eventide NexLog 740-DX recorders. Three at Lima, and one located at Media Courthouse that is a backup voice recorder.
7 Section 4.2 says the proposed system shall include centralized automated test equipment located at the main dispatch location. If vendors are proposing modern IP simulcast systems which do not require such equipment, will this requirement not apply?	It would not apply and meet our requirement. This type of information should be listed in the comments section for mandatory items.
8 Section 4.2 says the proposer must provide other options at Area 1 towers vs non area 1 towers. What is the purpose of the other options being required? Does it refer to inbuilding coverage alternatives, like leveraging the Wi-Fi?	The County would like options in Area 1 such as simulcast trunking, linear simulcast trunking, etc. The requirement is for on-street, portable, on the hip. The wording of the paragraph in Section 4.2 will be changed to: "The County requests a simulcast configuration. The Proposer may provide other options such as frequency diversity at Area 1 towers (as described in Section 7.1) versus non-Area 1 towers and provide Linear Simulcast design. The Proposer must provide the County with their assumptions, criteria, and other factors used during the design of the system."
9 4.13.1 What is the preferred location for the redundant system control point? What is the preferred location for the redundant simulcast controller?	Upper Darby or Prison
10 5.4 Please provide model numbers and specifications of the existing microwave system, including radios, controllers, and monitoring system.	The Microwave radio is now referred to as Wavence V.19A, the router is a SAR-8 V2 on Version 9.0, and the monitoring system is NSP version 19.11
11 7.1 Does the County's "no more than three adjacent tile failure" requirement apply to both the Countywide portable outdoor test as well as the Area 1 portable in attenuated building test?	The answer is yes, regarding the requirements. We will have no in building testing as part of the FAT.
12 Multiple sections of the document refer to the goal of the system being to achieve street level coverage for a hip mounted portable radio countywide (one example is in Section 3.8). However, there are some references to inbuilding coverage with different thresholds: 18 dB (table in section 6.5), 18 dB in Appendix F, and 20 dB (section 7.1). Can the county please clarify which bounded services areas of the county are to be designed and tested for hip mounted portable outdoors (ex: county area excluding Area 1), vs hip mounted portable indoors (ex: Area 1)? Can the county please clarify the desired in-building coverage threshold for the hip mounted portable indoor bounded service areas?	It should be 18 dB throughout. The requirement is for portable coverage at hip level on the street.
13 Appendix I – Enhanced Testing Area (Area 1) Please provide either google earth files or ESRI shapefiles that define Area 1	This will be provided as part of the addendum as a .KMZ file and will be placed on the County's web page.
14 Can you provide a detailed agenda for the site surveys? Will vendors visit both existing and potential locations?	This information will be provided at the Pre-Proposal Conference. We will visit both current and potential locations.
15 In order for all Proposers to clearly understand Delaware County, Pennsylvania's service areas and have a common reference for the coverage design, would the County please provide the shapefile(s) for "Area 1" shown in Appendix I?	Please see response given to Question 13.
16 Would the County please confirm that 97% Service Area Reliability, which requires contractors to pass 97% of all test points within the service area, is the desired coverage acceptance criteria for both service areas described in 7.1 coverage acceptance	Yes, as written in the RFP. Area 1 will be considered a separate test and the results of both tests will be combined and weighed to provide the Coverage Area Reliability.