



DEPARTMENT OF FINANCE

**REQUEST FOR PROPOSALS
RFP # K00421**

S.A.W. REGIONAL P25 RADIO SYSTEM
March 18, 2022 4:00 p.m.

ADDENDA #3
January 18, 2022

TO ALL POTENTIAL BIDDERS:

The following information is being provided for purposes of clarification or in response to questions received from potential bidders. This addendum is being posted on the eVA website and City website at the following links:

- eVA website: <https://m.vendor.eprocgipdc.com/Vendor/public/AllOpportunities>
- City website: <https://www.ci.staunton.va.us/departments/finance/procurement>

This posting consists of Additional RFP Questions and Answers.

- SAW RFP # K00421 Additional Proposer Questions and Answers are on the following pages.

SAW RFP # K00421 - Proposer Questions and Answers
Addenda 3

Date Submitted	#	RFP Section Number/ Name	RFP Requirement	Clarification Request	Client Response/ Clarification
1/7/2022	58	6.7.3.2.3 System Guard Tone	A system guard tone shall be available for the conventional radios. All modules shall be capable of generating EIA tone sets, which may be required for special purposes. In compliance with FCC regulations, if control circuit facilities should be lost, the system shall be designed such that the base station transmitter ceases transmitting within 500 milliseconds.	Can SAW provide the number of Analog Line connections at each Dispatch Location in the RFP?	Addenda 3 - Refer to response in Addendum 2 Question #2.
1/7/2022	59	4.8.5.1.4 Mandatory Option – Maintenance re-used equipment	The CONTRACTOR shall provide maintenance for re-used existing equipment planned in the proposed system. Contract shall be renewable on an annual basis. Provide pricing in Appendix D for any maintenance on equipment that may be re-used, including any existing subscriber units planned to receive P25 software upgrades.	Can SAW provide a list of the equipment that needs to be reused? In addition, would you clarify exactly what type of "maintenance" will be needed for this equipment, i.e., is it retuning/preventative maintenance, on-site support, or service that would be included as part of extended warranty?	Addenda 3 - It is the responsibility of the PROPOSER to determine if existing equipment will be reused. If the PROPOSER chooses to reuse existing SAW equipment, the PROPOSER shall provide maintenance for this equipment including preventive maintenance, and on-site support and repairs.
1/7/2022	60	4.7.1 Types of Training	The CONTRACTOR shall provide the types of training specified below: Radio User Train-the-Trainer Console Operators Radio System Administration & Management Radio System Maintenance Microwave Network Maintenance	Can SAW provide a rough estimate of the number of students who would attend the following courses: Subscriber training Subscriber train-the-trainer training. Console train-the-trainer training System Administrator training System Maintenance training	Addenda 3 - For Subscriber and Console Training Course, quantities for number of training classes needed are provided in the Public Safety Subscriber, and Non Public Safety Subscriber tabs of Appendix D Pricing Forms. For System Administrator and Maintenance Trainings, PROPOSER shall assume 3 people will attend this training (One from each SAW jurisdiction).
1/7/2022	61	4.4.5 Mandatory Opriion: Critical Building Coverage Testing	The CONTRACTOR shall perform coverage testing in each of the critical buildings listed in Table 4-2. Coverage testing will be witnessed by SAW's representatives If coverage within a building is found unusable, SAW may decide to exercise the mandatory option of installing a distributed antenna system in that building. When the distributed antenna system has been installed, the CONTRACTOR will retest the building witnessed by SAW representatives. Testing shall be performed at locations identified previously to verify that coverage deficiencies have been satisfied.	Who will be responsible for procuring the Distributed Antenna System if it is deemed necessary to provide in-bulding coverage for the listed critical buildings?	Addenda 3 - SAW may choose to exercise 6.3.5.5 MANDATORY OPTION: In-building BDA after receiving the results of the Critical Building Coverage Testing. SAW will rely upon PROPOSER provided pricing on Tab K. Project Options, MANDATORY Project Option 7- § 6.3.5.5 In-building Bi-Directional Amplifier (BDA).
1/7/2022	62	4.6.2 Physical Facilities As-Built Documentation	The CONTRACTOR shall submit three (4) draft hard copies of all facilities as-built documentation to SAW for review and approval within the timeframe identified in Table 4-1.	Could SAW please calify if the correct number of copies will be three (3), or four (4)?	Addenda 3 - The correct number of copies is four (4).
1/7/2022	63	7.2.3.1 Path Availability	Microwave path propagation predictions and designs shall be based on line-of-sight conditions conforming to the following obstruction clearance criteria: • 0.6 F1 + 10 feet at K = 1.0 • 0.3 F1 at K = 2/3 • F1 at K = 4/3	The RFP calls out the use of (3) different clearance criteria. However, industry standard software like Pathloss only allows for the use of (2) different clearance criteria at a time. Can you please specify which of the criteria are preferred for propagation analysis?	Addenda 3 - For the purposes of this RFP, the PROPOSER shall use the two criteria that result in the worst-case scenario to ensure confidence of path reliability.
1/7/2022	64	8.12 Mandatory Option: Wi-Fi/LTE Radio Module	Subscriber equipment shall be capable of communicating over Wi-Fi networks and/or LTE networks. The ability for the same radio to operate on both Wi-Fi and LTE networks can be proposed but is not required.	Can SAW further define "communicating over Wi-Fi networks and/or LTE networks"?	Addenda 3 - PROPOSER is requested to provide pricing as an option for subscriber radios that are capable of communicating with other users on the system by using County Wi-Fi (Defined username and password), or Commercial Cellular Networks over LTE.
1/7/2022	65	6.7.3.6 Mandatory Option: CAD System Interface	The console system shall be equipped with hardware and software interfaces to SAW's computer-aided dispatch (CAD) systems to enable the CAD systems to display unit ID and status (and any other available information) from the radio system.	Please provide vendor and model of CAD systems that the vendor's console system must interface with.	Addenda 3 - Refer to response in Addendum 2 Question #8.
1/7/2022	66	Section 9.3.2	The RFP states, "The use of existing sites is encouraged as is appropriate or required."	Can SAW provide tower mapping information for each of the towers listed in Table 9-1?	Addenda 3 - SAW does not have any existing tower mapping documents.
1/7/2022	67	Section 1.26	The RFP states "These mandatory options may be selected for implementation or inclusion with the initial contract, or at any time during the term of the price guarantee for the price quoted in the Proposal." The price to implement and install some of the mandatory options will vary greatly based on whether the mandatory option is incorporated concurrent with the P25 system's initial manufacture versus if the mandatory option is incorporated after all equipment has been deployed and accepted in the field.	To accommodate these timing variations, can vendors base their pricing for the mandatory options on the option being executed prior to system staging?	Addenda 3 - PROPOSER is requested to provide pricing for mandatory options pricing with the assumption the option will be implemented during the initial P25 Implementation.
1/7/2022	68	Section 9.16.4	The RFP states, "If main/branch panel TVSS is not available, each AC utility power line shall be equipped with a two-way surge protector."	Would SAW define what is meant by a "two-way surge protector?"	Addenda 3 - Surge protection devices shall be bi-directional protecting in each direction, Such as a MOV.
1/7/2022	69	Section 9.3.2	The RFP states, "The use of existing sites is encouraged as is appropriate or required."	Can SAW identify the type of Fiber and specifications connecting the two buildings at the Elliott's Knobb site? Can this Fiber be able to be reused in the proposed new system?	Addenda 3 - Augusta County has a dedicated County Owned 6-Pair Fiber Link between the two shelters at Elliot's Knob. There is a potential to reuse the existing fiber if there is available bandwidth. If bandwidth is not available additional pairs could be run through the existing conduit.
1/7/2022	70	Section 6.8.1, 6.8.2, and 6.8.3	The RFP requires 1) that the Augusta County recorder be replaced, 2) that the Staunton Record recorder be upgraded and 3) that the Waynesboro NICE recorder be upgraded.	For each jurisdiction, would SAW define the number of 911 trunks, number of dispatch positions and number of administrative phone lines that must be recorded?	Addenda 3 - Only the Logging Recorder at the City of Staunton Dispatch Center is to be replaced as part of this RFP. The information for Staunton Dispatch Center is provided in Addendum 2 Question #1.
1/7/2022	71	Section 4.4.4	The RFP states, " In order to Pass a test tile, you must be able to understand every word of the test message. If a word is lost, or not understandable, the Team will vote Fail for that test tile". However, the RFP also states DAQ 3.4 is required (Section 6.3.5.3). TSB88 defines DAQ3.4 audio as "Speech understandable with repetition only rarely needed. Some Noise/Distortion".	Please clarify which method will be followed to determine the Pass/Fail criteria.	Addenda 3 - TSB-88's Definition of DAQ 3.4 ("Speech Understandable with repetition only rarely needed") is commonly interpreted as being able to <i>understand</i> every word of the test voice call. If a word within the message is missing and/or changes the meaning of the message, the message will be deemed not understandable. To meet the criteria of repetition only rarely needed, up to 5% of retested tiles in a service area will be allowed to be counted as a pass.
1/7/2022	72	6.6 Paging System	The systems use one existing Augusta County UHF channel that is transmitted from Augusta County and Staunton Dispatch Centers for their Fire and EMS, and one Waynesboro existing UHF channel that is transmitted from the Waynesboro ECC for their Fire and EMS.	Can SAW provide the existing paging UHF frequencies?	Addenda 3 - The City of Waynesboro uses 460.6000 as their existing paging frequencies. Augusta County and Staunton use 460.550 as their existing paging frequencies.

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1/7/2022	73	1.5 Procurement Schedule	Deadline for PROPOSER Questions January 7, 2022	Can vendors submit questions after the January 7th, 2022 deadline if there are questions regarding SAW's responses?	Addenda 3 - Refer to response in Addendum 2 Question #12.
1/7/2022	74	Site Visits	N/A	At the Elliot Knob site, what is the connectivity between the radio shelter and the microwave shelter?	Addenda 3 - See Response #69
1/7/2022	75	Site Visits	N/A	Do the new LMR antennas have to be installed on the radio tower or can they be installed on the microwave tower if space allows?	Addenda 3 - It is the responsibility of the PROPOSER to determine what tower(s) should be used, based upon availability of space on the tower, abiliby of the tower to hold additional equipent, and ongoing costs expected by the tower owner.
1/7/2022	76	1.5 and 1.6	1.5 Procurement Schedule The schedule for this procurement is found in Table 1-1. Proposals are due by the date and time indicated. Proposals submitted after this deadline will not be accepted. The City of Staunton reserves the right to postpone the date and time for submission of Proposals at any time prior to the Proposal deadline. Deadline for PROPOSER Questions January 7, 2022 1.6 RFP Questions, Answers, and Addenda. All questions are required to be submitted in writing by the prospective PROPOSER using Appendix G PROPOSER Questions excel file. All questions or comments must be received by the date indicated in Table 1-1. Questions will be answered as received. All questions regarding this RFP shall be submitted in writing, using Appendix G, to: SAW@CTA-c.com. All responses will be provided in writing and distributed by the City of Staunton to all prospective PROPOSERS via an official Addendum. Verbal questions and responses to questions are not official and cannot be relied upon for your submission. PROPOSERS shall not communicate with any representatives of the SAW agencies or SAW Representative regarding this RFP unless directed by Procurement Officer. Should changes to the RFP become necessary, all changes will be made via the addendum process and posted to the City's website (www.staunton.va.us/solicitations) and the eVA procurement site. Receipt of all Addenda must be acknowledged in the Transmittal Letter. Prior to submitting a Proposal, it is the PROPOSER's responsibility to check the City of Staunton website for any addenda associated with this RFP	On December 21, 2021, PROPOSER submitted its initial written questions to the City of Staunton, saw@cta-c.com, on Appendix G in accordance with Section 1.6 of RFP K00421 ("RFP"). PROPOSER understood from RFP Section 1.6 that "Questions will be answered as received." PROPOSER further understands from RFP Section 1.5 that the City of Staunton has the right to postpone or extend deadlines. Accordingly and specifically because the City of Staunton has not responded to PROPOSER's December 21, 2021 questions, PROPOSER requests that the City of Staunton exercise its discretion and extend the deadline for PROPOSER questions from January 7, 2022 to five (5) business days after the City of Staunton distributes via an official Addendum its response to PROPOSER's December 21, 2021 questions.	Addenda 3 - See response in Addendum 2 Question #12.