



**REQUEST FOR PROPOSALS (RFP)
Responses to Written Questions**

for

**Digital Communications System
P25 Radio Equipment
& Services**

for

**Kitsap 911
Kitsap County, Washington**

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*PROPOSALS NOT SIGNED, LATE,
SUBMITTED USING FACIMILE OR E-MAIL WILL BE REJECTED*

Responses to Written Questions

Kitsap 911 provides written responses to all written questions (and requests) received by the Friday deadline. The questions were asked in various formats and different orders, so Kitsap 911 developed a standard format for the responses with each question numbered with columns referencing the document, section, and page number, a column for the question as submitted, and a column for the response. The questions were sorted by the reference as they appear in chronological order beginning with:

- RFP questions followed by the RFP exhibits
- Technical Specifications followed by the appendices
- Existing System Description

Questions asked about the same section of the RFP are sorted together, but they appear as written. The responses to these questions have been consolidated.

The response to one of the questions, prompted Kitsap 911 to provide supplemental information on the dispatch console system. The supplemental information is provided after the table of responses.

Question	RFP Section	RFP Section, Page Number	Question	Response
1.	RFP	Basic Project Description 1.1.1 (8), Page 1-1	Which items of the existing equipment are to be Decommissioned and removed?	If the console system is replaced, then the old console system equipment will be decommissioned and removed. Removal of the old microwave system is out of scope for this project. At this time, Kitsap has not determined the VHF equipment to be removed so assume no decommissioning or removal of existing VHF equipment.
2.	RFP	Section 4, subsection 20, Page 9 of 15	May respondents request modifications or supplement the legal terms and conditions provided in the RFP?	Respondents are asked to respond with any significant changes to the legal terms and conditions provided in the RFP.
3.	RFP	Section 4.2, Page 10	Are qualified references from states other than states of Washington and Oregon acceptable or would that disqualify a qualified vendor from this bid due to failing one factor of the "Evaluation Criteria – Phase 1." Section as defined in Section 4.21 Proposal Evaluation?	Please submit qualified references from other states.
4.	RFP	Section 4, Page 14 Instructions to Vendors 21.B.11	Annualized Costs for Equipment, Services, and Recurring Expenditures for Comparable Systems specify that the points will be 60 for the lowest. Above that, in the Evaluation Criteria, Phase 2 table, the level listed is 40 points. Which is correct for this area?	The table takes precedence over the text so use 40 points. 40 points is correct.
5.	RFP	Section 5. Contract Terms and Conditions / Section 34. Payments to Contractor	It is Proposer's understanding that the County intends to use milestone payments, as defined in section 34.B. Please confirm if our understanding is correct.	Confirmed.
6.	RFP	Section 4, Page 5 of 15, Page 10 of 15	The Evaluation Criteria require signed and sealed Performance and Payment bonds as part of the proposal evaluation, while subsection 10, page 5 of 15 indicates that bonds should be completed and delivered within 10 days of notice of contract award. Please clarify if the Performance and Payment Bonds should be submitted after notice of award instead of as part of the proposal package.	To clarify, the RFP requires two sureties 1) A Proposal surety, and 2) a Performance and Payment surety. The Proposal surety in the form of a certified check or bond must accompany each proposal. The performance surety is required to be furnished to the Owner or its authorized agent within ten days after date of notice of contract award."

Question	RFP Section	RFP Section, Page Number	Question	Response
7.	RFP	Section 4, Page 5 of 15, Page 10 of 15	In continuation of the previous question, should the Exhibits M and N be acknowledged by bidder, rather than signed and sealed with the proposal?	Yes, please acknowledge Exhibits M and N as they will not be executed until the contract is negotiated.
8.	RFP	Exhibit A, Page 69	Due to the number of Federal/Company Holidays between RFP Release date and the Proposals Due date, [Redacted Name] would like to request a 30-Day Extension.	Questions 8 and 9 are requests for extending the due date of the RFP responses so they will be addressed together in this response. Kitsap 911 has evaluated options for extending the due date and has determined the RFP deadline cannot be delayed.
9.	RFP	Exhibit A, Page 69	After going through the RFP requirements and required proposal details, bidder requests an extension of forty-five days to the Proposal submission date.	See response to related question 8 above.

Question	RFP Section	RFP Section, Page Number	Question	Response
10.	RFP	Exhibit A, Page 69	Are vendors only offered this one chance to submit questions, or can more be asked during and after the pre-bid call? and if so, when will be the last date to submit additional questions?	<p>Kitsap 911 received three requests for additional time to ask questions so the response to these related questions is consolidated into this response. Kitsap 911 always anticipated another round of verbal questions during the mandatory conference call with verbal responses provided on the call. After the mandatory conference call, no responses will be provided. If Kitsap 911 is not able to answer any verbal question on the call, a written response may be necessary, and it will be posted on the website.</p> <p>Kitsap 911 has been fair to all proposers throughout the RFP process and is concerned a protracted question and answer period is not fair to all proposers especially responders already developing their responses. In addition, Kitsap 911 does not want to create incentives for last minute reviews of the requirements or last-minute responses.</p> <p>Kitsap 911 has provided extensive information on its existing system and its technical requirements anticipating the need for details in developing the proposals. Kitsap 911 has also accommodated two rounds of questions with responses. If questions emerge during the development of responses, include those questions and assumptions in the response.</p>
11.	RFP	Exhibit A, Page 69	Due to the extensive nature of the RFP documentation and the details in each section, please extend the final date to ask questions to November 23rd.	See response in Question 10 above.
12.	RFP	Exhibit A, Page 69	It is Proposer's understanding that there will be a second round of questions and answers with a final date defined at the pre-proposal conference. Will the County accept additional questions between the due date of October 14, 2022 and the date established at the time of the pre-proposal conference?	See response in Question 10 above.
13.	RFP	Attachments M and N, Paragraphs 5 and 6	Given the complexity of the solutions proposed under this procurement, will the County consider the 10-day term to execute the contract and to furnish bond and required certificates of insurance to start when the terms of the contract are mutually agreed between the parties?	A reasonable time to furnish the executed bond forms and certificates of insurance is acceptable to Kitsap 911. These sureties must be provided before the contract is signed as described in the RFP.

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14.	RFP	Attachment P, Pricing Form	All items have year 1 to year 5 prices. Pricing Form Instructions mentions "Exclude all services and recurring costs" from equipment cost. Should the bidder include support and warranty costs in year 1 to 5 prices?	The Pricing Form is lengthy, so Kitsap 911 is planning to make time during the mandatory meeting to discuss the Pricing Form. Kitsap 911 is asking for price commitments for all items through year 5 of the project. The equipment and licensing costs should not include any professional services or recurring costs. Service costs should be provided in the services column. If the support and warranty costs are a one-time item (not recurring costs) then they should be identified as a line item in the pricing form and included in the appropriate year. If the support and warranty costs will be expected more than one time, they should be identified as line items and the costs should be added in the appropriate years.
15.	RFP	Attachment P, Pricing Form	Section 18 asks for optional 5 year maintenance and optional 10 years Lifecycle pricing. Where can these prices be quoted?	The 5-year costs for maintenance is addressed in each line item of the pricing table. Please ignore the reference to 10-year Lifecycle pricing. Kitsap 911 decided to address 10 Lifecycle pricing by projecting the 5-year pricing commitments. Proposers are welcome to provide 10-year Lifecycle pricing with a description in their proposals.
16.	RFP	Attachment P, Pricing Form	Year 1 to year 5 prices are shown for services like Acceptance Testing and Training that will be executed at specific times during the course of the project. Can the bidder include all these prices in the respective Year 1 price for each activity?	Include the pricing for services like Acceptance Testing and Training in the year the services will be provided. If the proposer expects the design will be done, the equipment will be ordered, and the acceptance will be done in year 1, then include the pricing for these services in year 1. Similarly, if the training services are expected to be delivered in year 1 then include the pricing in year 1.
17.	Technical Specifications	Section 3, Page 3-3	3.10 states that Buyer will supply UPS outlets and circuits but 3.10.2 says that power supplies must have capacity to support growth of the system within the system tier level. Who is ultimately responsible for AC/DC plant at each site and associated equipment?	Kitsap 911 is responsible for all AC/DC plant at each site and associated equipment. Kitsap 911 will need the requirements for the AC/DC plant at each site, so this information needs to be included in the proposal.
18.	Technical Specifications	Section 4, 4.13 Coverage	Please share the shape file for the county service area boundary.	County boundaries are provided by Geographical Information Systems as optional layers, but Kitsap 911 will provide a shapefile dataset for the county service area boundary. The shapefile dataset has already been generated and it should be available on the website for download on Friday, October 21 st .
19.	Technical Specifications	Section 4, 4.13 Coverage 4.13.2, Page 4-9	As DAQ and BER are based on user voice quality, A DAQ of 3.4 with a BER of 2.0 as outlined for a Phase 1 channel. You are asking for a Phase 2 system, should we use the BER of 2.4 (downlink) for a Phase 2 voice system or use 2.0 for Phase 1?	Thank you for your thorough review of the Technical Specifications. The Kitsap Radio Program Manager apologizes for the error. Use the BERs prescribed by TSB-88 for P25 Phase 2 system with a DAQ of 3.4. Kitsap 911 will be posting an addendum with this correction and other corrections as needed as soon as possible after the mandatory conference call.

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20.	Technical Specifications	Section 4, Page 4-9	Section 4.13.2 calls for “a Delivered Audio Quality (DAQ) of 3.4 (equivalent to a BER of 2.0 percent)”. This is the BER threshold for a P25 FDMA system. Since the system requirements call for a P25 TDMA system, please consider changing this to read “a Delivered Audio Quality (DAQ) of 3.4 (equivalent to an outbound BER of 2.4 percent and inbound BER of 2.6%)” to be consistent with TSB-88.1-F Table A.1 Projected CPC Parameters for Different DAQs.	Thank you for your thorough review of the Technical Specifications. The Kitsap Radio Program Manager apologizes for the error. Use the BER prescribed by TSB-88 for P25 Phase 2 system with a DAQ of 3.4. Kitsap 911 will be posting an addendum with this correction and other corrections as needed as soon as possible after the mandatory conference call.
21.	Technical Specifications	Section 4, 4.13 Coverage 4.13.7, Page 4-10	The FCC limit for output power on the mobiles at 700/800 is 35 watts. Can you provide some context on why you’d like us to use 15 watts? Is the main goal to achieve balanced Talk in / Talk out?	The responses to your questions are yes and yes. The trunked system should be designed for portable balanced talk in and talk out links. This design requirement is anticipated to limit the output power of the mobiles.
22.	Technical Specifications	Section 4, 4.13 Coverage, Page 4-11	Please confirm that the vendor is to use the antenna locations outlined in Table 4-1 for those existing sites in their coverage predictions. If they are proposing using a site not listed in Table 4-1, the same information outlined in the table needs to be included in their response for those sites.	Confirmed. Use Table 4-1 for antenna information of existing sites. More information on the sites is found in the Existing System Description Table 1-1. Existing System Description. For new sites not listed in the Technical Specifications Table 4-1 or the Existing System Description Table 1,1 and Table 1-2, the response needs to include typical technical parameters (antenna height, antenna type, gain, downtilt, azimuth, etc.as applicable.
23.	Technical Specifications	Section 4, 4.20 Computer-Aided Dispatch Interface 4.20.1 Page 4-17	Can you confirm which of the Hexagon CAD systems you are using? Is it the I/CAD or HxGN product and its current version?	I/CAD version 9.3 MR6 (Maintenance Release)
24.	Technical Specifications	Section 4, 4.20 Computer-Aided Dispatch Interface 4.20.1, Page 4-17	4.20.1 outlines the interface between the radio system and CAD needs to send information if it is supported by the CAD. Please provide any additional functions that the CAD system supports besides those listed in 4.20.4	This question (actually, a request for more information) was particularly difficult for Kitsap 911. Section 4.20 of the Technical Specifications including 4.20.1 provides the CADI (CAD Interface) requirements. Respectfully, Kitsap 911 does not agree with the characterization of section 4.20.1 in the first sentence of the request. As for the additional functions supported by the I/CAD system, Kitsap does not know the additional functions and suggests a dialog with Hexagon.

Question	RFP Section	RFP Section, Page Number	Question	Response
25.	Technical Specifications	Section 5, Page 5-1	Please provide information on the Backhaul network topology that the new system will be using.	<p>Kitsap 911 is replacing the existing Harris Constellation microwave system with an Aviat Eclipse microwave system. The existing topology of loop sites and monitored hot stand by (MHSB) spur sites for links to simulcast sites will not be changed during the replacement. Preliminary observations during path surveys have determined the existing microwave dish sizes (mostly 4-foot dishes) and 11 GHz radios will meet the needs and the replacement equipment is expected to be ordered within the next 30 days. The high-level implementation plan suggests the system could support a limited P25 system in the second quarter of 2023 with the replacement project expected to be completed in the third quarter of 2023.</p> <p>The system will be designed for fixed 128QAM modulation on 40 MHz channels with the option for adaptive modulation if the P25 Phase 2 radio system can support it. Aviat Eclipse radios support native TDM and layer 2 IP traffic, but Kitsap 911 is not planning to migrate its simulcast VHF traffic to the new system instead opting for a stacked implementation allowing for simultaneous operation of the new and old microwave system on the same paths by placing the new microwave radios in front of the old microwave radios. Initial work to license the new microwave radios on additional frequencies has already begun.</p> <p>The TDM connections to the existing receivers and non-simulcast repeater sites are an eclectic collection of microwave and copper connections. Kitsap 911 is not planning to change these connections until the sites are determined to be needed in the new P25 radio system.</p> <p>The backhaul to the Cultus Bay and Purdy sites are MPLS links using Nokia SAR-8 routers provided by others. Kitsap 911 has commitments from the third parties to support configuration changes for the new P25 Phase 2 radio system.</p> <p>Kitsap 911 will provide appropriate backhaul to the additional sites in the P25 radio system design.</p>
26.	Technical Specifications	Section 9, Page 9-1	Section 9.2.5 refers to the usage of plenum cables in plenum rated spaces. Which of the spaces where we are adding infrastructure are plenum rated?	<p>Plenum rated cables should be provided in any space occupied by people including the dispatch centers, equipment rooms, and radio sites. Outdoor rated cables may be used a limited distances inside of these areas such as termination to polyphasers.</p>

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27.	Technical Specifications	Section 11, Page 11-4	Section 11.3.1 (1) 1 refers to console system operating with existing analog VHF/UHF system. Which of the analog resources should be planned for continued usage after the implementation of the new P25 system?	<p>Proposers will need to provide capacity for 48 existing analog channels with some additional capacity to support existing VHF/UHF systems. The proposer is also responsible to connect and test the analog connections along with other interoperability connections as specified in the RFP. Kitsap 911 plans to continue operation of some simulcast VHF channels for interoperability and has not determined the exact number.</p> <p>Below this table of questions and responses, Kitsap 911 provides supplemental console information on the Purvis station alerting system and the Dispatch Console System. Note: Table S-2 showing the conventional services gateway connections to the Zetron system.</p>
28.	Technical Specifications	Section 11, Page 11-18	Section 11.8.1 (a) states "Buyer's communication system will be continuously in use. The existing communication system will need to remain operational during the cutover to the new system." Is there enough space at the 911 center to allow for concurrent installation of new dispatch consoles (if proposed) for both testing and final cutover post testing?	<p>Yes, Kitsap 911 has sufficient space for side-by-side consoles especially since the move to small form factor consoles. In fact, this approach is our preferred upgrade method to stage the new console beside the old and then swap cables during cutover. If a replacement console system is proposed, the first testing of the local consoles and the remote consoles is expected at factory staging. The proposer needs to provide a detailed cutover plan before the implementation..</p>
29.	Technical Specifications	Section 12, Pages 12-4, 12-5, 12-6	Section 12.3.14 (3) states "Control station radio (dash mount or remote mount) supporting radio operation from a single deskset or multiple desksets (up to four desksets) in remote location from the radio using Ethernet cabling." There is no mention of them in the Pricing tables or any other supporting material provided. Will the Buyer be supplying and installing these Desksets? If so, please provide information on what kind of Deskset will be used (Specifications/Product information brochure) and the protocol used for communication with the Control Station.	<p>The Pricing Form includes specific line items for the control (fixed) stations in the Proposal Pricing Form (Green highlighted table) beginning at row 153 through row 198. The descriptions include the radio equipment with hardware and software options, desksets, and base station antennas. If additional supporting materials is needed such as a multiplexer, add specific line items with descriptions and pricing. The proposer needs to include the services pricing to test, program, and install the control stations as well as any recurring costs.</p>
30.	Technical Specifications	Section 13, Page 13-1	Will Kitsap 911 need a SOC2 Type II audit?	<p>Kitsap 911 did not specify the need for a Service Organization Control 2 Type II audit report or similar reports; however, a certification of cloud-based services security would be welcome in the response and will be considered in the response evaluation.</p>
31.	Technical Specifications	Section 13, Page 13-1	Will Kitsap 911 want cybersecurity only for their radio infrastructure, or will Kitsap 911 also want cybersecurity to cover their CAD and enterprise systems?	<p>Cybersecurity for the Kitsap 911 CAD and enterprise systems is out of scope for this RFP, but any proposer may add this cybersecurity as an option in their proposal.</p>

Question	RFP Section	RFP Section, Page Number	Question	Response
32.	Technical Specifications	Section 13, Page 13-1	Does Kitsap 911 need a dashboard showing current security status across all monitored systems?	A dashboard showing current security state across all monitored systems may be proposed as an option to the proposal.
33.	Technical Specifications	Section 13, Page 13-1	Does Kitsap 911 need to view all security alerts actively being investigated?	A view of all security alerts actively being managed may be proposed as an option to the proposal.
34.	Technical Specifications	Section 13, Page 13-1	Does Kitsap 911 need to generate notifications via email and/or chat systems for events of interest?	Please describe “events of interest” and include the notifications in the response as an option
35.	Technical Specifications	Section 13, Page 13-1	How often does Kitsap 911 need reports on threats prevented from running and new threats discovered?	These reports may be proposed as an option. Please include examples of the reports in the proposal and include a description of the best industry practice on the frequency of the reports.
36.	Technical Specifications	Section 13, Page 13-1	Does there need to be an integration with Carbon Black, Crowdstrike, Defender ATP, or other EDR technologies?	Kitsap 911 did not include any requirements for integration with endpoint detection and response. The integration may be proposed as an option.
37.	Technical Specifications	Section 13, Page 13-1	Does there need to be comprehensive security monitoring for 3rd party cloud infrastructure, including AWS, Google Cloud, and/or Microsoft Azure?	Kitsap 911 did not include any requirements for monitoring of 3 rd party cloud infrastructure. The monitoring may be proposed as an option.
38.	Technical Specifications	Section 13, Page 13-1	What type of network detection and response capability are they looking for - Signature-based, network pack flow-based, or other?	Please include the network detection and response options in your proposal as an option.
39.	Technical Specifications	Section 13, Page 13-1	Does Kitsap 911 need to receive regular updates on 911/municipality threats and new vulnerabilities?	Kitsap 911 did not include any requirements for updates on 911/municipality threats and new vulnerabilities. The updates may be proposed as an option.
40.	Technical Specifications	Section 14, Page 14-1	Does Kitsap 911 have warehousing space to store equipment during implementation?	No, Kitsap 911 has neither the storage space, equipment handling capabilities, inventory systems, nor the personnel for warehousing equipment..
41.	Technical Specifications	Section 14, Page 14-1	Is the Bidder responsible for Fleet map and Code Plug generation for subscribers?	Yes. Fleet mapping and codeplug development will require the participation of the proposer, Kitsap 911, and representatives of the various user agencies to develop, generate, and test.
42.	Technical Specifications	Section 14, Page 14-1	Is the Bidder responsible for Installation of Mobile radios? If yes, please provide details of vehicle types (for mobiles) and location (for control stations).	Yes, the details of the mobiles and control stations are provided in Section 1.13 of the Existing System Description. The types of vehicles and the mix of vehicle types are typical for fire and law agencies. The types of vehicles are fluid as agencies replace and add new vehicles. Kitsap 911 has just begun the planning for radio installations, so the locations are not yet entirely known.

Question	RFP Section	RFP Section, Page Number	Question	Response
				<p>For fire agencies, see table 1-8 and assume:</p> <ul style="list-style-type: none"> • Ninety percent (90%) remote mount mobiles are installed in heavy equipment (engines, tenders, ladders, etc.). The remaining 10% of the remote mounts will be installed in pickup trucks and SUVs. • All medic units and dual head medic units are installed in aid vehicles (ambulances) with the mobile installed in a typical enclosure behind the driver or command SUVs (Ford Explorer or Chevy Tahoe). • All dual head units are installed in command vehicles. • 5 Dash mount radios for small boats (all boats can be trailered). BFD may be at marina or on trailer, NKFR boat is at marina. Two CKFR boats are on trailers and PFD boat is on its trailer. • Remaining dash mount radios are in eclectic mix of cars and pickup trucks. <p>Assume the location of the fire mobile installations will be done at the fire agency headquarters as described in Existing System Description Section 1.13.2 and Fire Station headquarters locations shown in Figure 1-18.</p> <p>For law mobiles, assume all mobiles will be installed in patrol cars such as the Ford Interceptor SUV except:</p> <ul style="list-style-type: none"> • Motorcycle radios • 1 pickup truck per agency <ul style="list-style-type: none"> ○ PGNR has 4 pickups ○ SPD has 3 pickups • Small Boats with dash mount radios as follows: KCSO 2 boats at marinas and 1 boat on trailer, BIPD 1 boat at marina, POPD one boat at marina, PPD 1 boat at marina or trailer, SPD 1 boat at marina and 1 boat on trailer, 1 boat on trailer. • 12 SWAT and other specialty vehicles <p>Assume the law radios will be installed at three locations in the county: 1) a location to be determined in the Port Orchard/Bremerton area, 2) a location to be determined in the Silverdale area, 3) the Bainbridge Fire Headquarters for Bainbridge Island Police vehicles. Assume proposer will lease buildings in Port Orchard/Bremerton area and Silverdale area for the mobile installations of the law agencies mobiles.</p> <p>For the “Other” category of mobiles (Kitsap 911) assume they will be installed by Kitsap 911 and the DEM mobiles will be installed with law mobiles.</p> <p>For control station locations, assume each of the radios will be installed at:</p> <ul style="list-style-type: none"> • Fire agency headquarters (other stations are approximately the same travel time as the fire agency headquarters)

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				<ul style="list-style-type: none"> Law agency main station except the Sheriff radios will be split between the Sheriff's offices at Port Orchard and Silverdale locations. One Sheriff control station will be installed in Kingston.
43.	Technical Specifications	Section 16, Page 16-5	Section 16.5.2 says "the tile size must not exceed 1/2 square mile within the blue, red, and yellow bounded areas." The maps currently do not include a visible yellow bounded area. Please clarify which area are considered the yellow areas.	The reference to yellow bordered Area Coverage P BACP is an artifact of an earlier draft version and should be ignored.
44.	Technical Specifications	Appendix D	Is FDMA and DDM capability required? The requirement states TDMA but tables 2.1 and 2.3 refer to FDMA.	<p>Kitsap 911 has no known requirement for FDMA or DDA capabilities other than the standard FDMA on control channels. The Statement of P25 User Needs (SPUN) matrix in Appendix D is the complete table from the SPUN appendices to make response by the proposers easier assuming proposers have responded to the SPUN matrix in other responses. The alternative deriving an incomplete matrix was deemed to be too confusing by Kitsap 911.</p> <p>Proposers are welcome to include FDMA and DDM capabilities as an option if they are needed.</p>
45.	Technical Specifications	Appendix E, E-1	Please provide a Word copy of Appendix E for use in response.	A Word version of Appendix E has been uploaded to the RFP webpage
46.	Existing System Description,	Section 1, Page 1-1	When the new system has been installed, out of the multiple systems listed what systems/equipment will need to be de-commissioned? Can Kitsap 911 provide a list of the specific systems to be dismantled?	If the console system is replaced, then the old console system equipment will be decommissioned. Removal of the old microwave system is out of scope for this project. At this time, Kitsap has not determined the VHF equipment to be removed so assume no decommissioning or removal of existing VHF equipment.
47.	Existing System Description	Section 1, Pages 1-3,1-4,1-5	Table 1-1 says CB Cultus Bay is a 180' monopole but Table 1-2 says the existing Rx antenna is mounted at 213'. Please indicate which height bidders should use.	Use the antenna information in Table 1-2.
48.	Existing System Description	Section 1, Pages 1-3,1-4,1-5	Table 1-1 says E30 East 30th is a 135' SS tower but Table 1-2 says the existing Rx antenna is mounted at 160'. Please indicate which height bidders should use.	Use the antenna information in Table 1-2
49.	Existing System Description	Section 1, Pages 1-3,1-4,1-5	Table 1-1 says SP Simon Point is a 180' SS tower but Table 1-2 says the existing Rx antenna is mounted at 220'. Please indicate which height bidders should use.	Use the antenna information in Table 1-2

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50.	Existing System Description	Section 1, Pages 1-3,1-4,1-5	Table 1-1 lists the coordinates for KG Kingston as 47-48-30.4 121-29-36.4. Google Earth indicates the longitude is 122-29-36.4. Please indicate which coordinate bidders should use.	Kitsap 911 was recently made aware of this ministerial error by the FCC. Kitsap has original copies of the FCC licenses showing the coordinates as 47-30.4 and -122-29-36.4. Kitsap 911 will be filing a request to the FCC to correct this error soon.

Supplemental Information on the Kitsap 911 Console System

Replace the entire section 1.18 in the Existing System Description with the following:

Fire Station Alerting

- 1.18.1 Kitsap 911 uses two-tone paging for station alerting on Fire 1 channel and has recently completed installation of a PURVIS Fire Station Alerting System™ (PURVIS FSAS™) in 25 fire stations around the county. In addition to fire stations, the two-tone paging system alerts career and volunteer fire fighters throughout Kitsap County.
- 1.18.2 The Zetron ACOM system generates the tones initiated by the CAD system or manually from the Tones screen on console system. Table S-1 contains a listing of the page names with the frequencies and durations.
- 1.18.3 The capabilities of the PURVIS FSAS™ system are:
 - (1) Automated Computer Aided Dispatch through the Hexagon CAD system. Hexagon is supplying the interface to the PURVIS API (Application Programming Interface)
 - (2) Automated voice dispatch over radio (Channel: Fire 1)
 - (3) IP alerting to fire stations, including automated voice alerting over station speakers with message display on status message board.

Table S-1: Two-Tone Paging Information

InstantPageName	Line#	OLD FormatName	NEW FormatName	Stacked Page Name	Dur1 ms	F1 Hz	Dur2 ms	F2 Hz		New Format
AbandonAlertIIP	0	AbandonAlert1	AbandonAlert1		0	ID#2	6Cycles	AlertTone		
M25_0031	43	ST7--KCFD GM	V52	M25_0031	750	584.8	750	1285.8	0031	V52_0031
M25_0138	43	ST22--BIFD	ST22		1000	1530.0	2000	1153.5	0138	ST22_0138
M25_0146	43	ST23--BIFD	ST23		1000	1530.0	2000	617.4	0146	ST23_0146
M25_1001	43	BNGR61,62--KCFD GM	ST61		1000	1180.0	2000	855.5	1001	ST61_1001
M25_1003	43	PSNS,ST27,28--BFD	ST27		1000	767.4	750	1153.5	1003	ST27_1003
M25_1004	43	BFDC1--BFD	C1		1000	569.1	1000	832.5	1004	C1_1004
M25_1007	43	BFDDST1,MAR20--BFD	ST1		1000	767.4	1000	507.0	1007	ST1_1007
M25_1009	43	BFDDST2--BFD	ST2		1000	767.4	1000	623.7	1009	ST2_1009
M25_1011	43	BFDDST3--BFD	ST3		1000	767.4	1000	944.1	1011	ST3_1011
M25_1012	43	BFD DV	DV1		1000	767.4	1000	1092.4	1012	DV1_1012
M25_1013	43	BFD FIRE INVEST	BFINVEST		1000	767.4	1000	979.9	1013	BFINVEST_1013
M25_1014	43	DIST7CHIEFS--KCFD GM	CHIEF8		750	507.0	750	1285.8	1014	CHIEF8_1014
M25_1015	43	BFD CHP	CHPBFD		1000	569.1	1000	1122.5	1015	CHPBFD_1015
M25_1018	43	DV51,M51--KCFD GM	DV51		1000	1180.0	2000	788.5	1018	DV51_1018
M25_1020	43	AT1 and AT2	AT		1000	600.9	2000	1130.0	1020	AT_1020
M25_1022	43	ST51--KCFD GM	51AID		1000	1180.0	2000	617.4	1022	51AID_1022
M25_1023	43	ST52--KCFD GM	51FIRE		1000	1180.0	2000	953.7	1023	51FIRE_1023
M25_1024	43	ST53,54,55--KCFD GM	VOL57		1000	1180.0	2000	569.1	1024	VOL57_1024
M25_1025	43	DV56,M56--KCFD GM	DV56		1000	1180.0	2000	584.8	1025	DV56_1025
M25_1026	43	ST56--KCFD GM	VOL56		1000	1180.0	2000	707.3	1026	VOL56_1026
M25_1032	43	BIFD--BIFD	ST21		1000	1530.0	2000	1034.7	1032	ST21_1032
M25_1034	43	ST64--KCFD GM	ST64		1000	2575.0	2000	3062.0	1034	ST64_1034
M25_1035	43	BIFD DUTY CHIEF	BN21		1000	1530.0	1000	903.2	1035	BN21_1035
M25_1040	43	C8--KCFD GM	C8		750	643.0	750	1285.8	1040	C8_1040
M25_1043	43	DV8,M8,A8--KCFD GM	DV8		750	1180.0	750	1285.8	1043	DV8_1043
M25_1047	43	DV10,A10--KCFD GM	DV10		750	569.1	750	1285.8	1047	DV10_1047
M25_1048	43	DV14,M14--KCFD GM	DV14		750	2575.0	750	1285.8	1048	DV14_1048
M25_1052	43	DV16,M16--KCFD GM	DV16		750	2164.0	750	1285.8	1052	DV16_1052
M25_1054	43	DV17--KCFD GM	DV17		750	879.0	750	1285.8	1054	DV17_1054
M25_1055	43	CHP7--KCFD GM	CHPSK		750	1130.0	750	1285.8	1055	CHPSK_1055
M25_1057	43	ST6--KCFD GM	ST6		750	855.5	750	1285.8	1057	ST6_1057
M25_1058	43	DV11--KCFD GM	DV11		750	799.0	750	1285.8	1058	DV11_1058
M25_1059	43	ST8--KCFD GM	ST8		750	1465.0	750	1285.8	1059	ST8_1059
M25_1060	43	ST9--KCFD GM	ST9		750	1036.0	750	1285.8	1060	ST9_1060
M25_1061	43	ST10--KCFD GM	ST10		750	600.9	750	1285.8	1061	ST10_1061
M25_1062	43	ST11--KCFD GM	T11		750	634.5	750	1285.8	1062	T11_1062
M25_1063	43	ST12--KCFD GM	ST12\13		750	1743.0	750	1285.8	1063	ST12\13_1063
M25_1064	43	ST13--KCFD GM	VS3		750	688.3	750	1285.8	1064	VS3_1064
M25_1065	43	ST14--KCFD GM	ST14		750	1901.0	750	1285.8	1065	ST14_1065
M25_1066	43	ST15--KCFD GM	ST15		750	707.3	750	1285.8	1066	ST15_1066
M25_1067	43	ST16--KCFD GM	ST16		750	672.0	750	1285.8	1067	ST16_1067
M25_1068	43	ST17,A17--KCFD GM	ST17		750	1344.0	750	1285.8	1068	ST17_1068
M25_1069	43	ST18--KCFD GM	VS1		750	950.0	750	1285.8	1069	VS1_1069
M25_1070	43	ST19--KCFD GM	OLY1		750	1985.0	250	1285.8	1070	OLY1_1070
M25_1071	43	ST20--KCFD GM	ST20		750	1669.0	750	1285.8	1071	ST20_1071
M25_1077	43	AIR9--KCFD GM	AIR9		750	732.0	750	1285.8	1077	AIR9_1077
M25_1080	43	DV81,M81--KCFD KG	DV81		1000	651.9	1000	726.8	1080	DV81_1080
M25_1083	43	ST85--KCFD KG	ST85		1000	651.9	2000	767.4	1083	ST85_1083
M25_1084	43	NKDC,DC71--KCFD LH	BN71\FM71		750	651.9	250	953.7	1084	BN71\FM71_1084
M25_1085	43	ST81--KCFD KG	ST81		1000	651.9	2000	688.3	1085	ST81_1085
M25_1085	43		CHP81		750	651.9	750	1122.5	1086	CHP81_1086
M25_1088	43	ST84--KCFD KG	ST84		1000	470.5	2000	445.7	1088	ST84_1088
M25_1111	43	MAR81--KCFD KG	MAR81		1000	553.9	2000	953.7	1111	MAR81_1111
M25_1115	43	ST87,89--KCFD HV	ST89		2500	553.9	2000	1122.5	1115	ST89_1115
M25_1119	43	CKCHIEFS,CKCH--KCFD GM	CKCHIEFS		1000	1180.0	2000	524.6	1119	CKCHIEFS_1119
M25_1120	43	CKDC,DC51--KCFD GM	BN51		1000	1180.0	1000	669.9	1120	BN51_1120
M25_1122	43	DV41,M41--KCFD GM	DV41		1000	1180.0	1000	726.8	1122	DV41_1122
M25_1125	43	CKFRHP51--KCFD GM	CHPCK		1000	1180.0	2000	1743.0	1125	CHPCK_1125
M25_1127	43	CKFRRH41--KCFD GM	REHAB		1000	1180.0	2000	1092.4	1127	REHAB_1127
M25_1130	43	ST41--KCFD GM	DV57		1000	1180.0	2000	910.0	1130	DV57_1130
M25_1132	43	ST42,43--KCFD GM	41FIRE		1000	1180.0	2000	832.5	1132	41FIRE_1132
M25_1133	43	ST44--KCFD GM	41AID		1000	1180.0	2000	1034.7	1133	41AID_1133
M25_1134	43	ST45--KCFD GM	DV45		1000	1180.0	2000	470.5	1134	DV45_1134
M25_1140	43	FM71--KCFD LH	PIO71		750	1820.0	250	1153.5	1140	PIO71_1140
M25_1141	43	ALLVOL71	ALLVOL71		750	1820.0	250	726.8	1141	ALLVOL71_1141
M25_1142_JCFD	43	JCFD	JCFD		1000	1820.0	500	691.8	1142	JCFD_1142
M25_1145	43	ST71, M71	DV71\ST71		750	1820.0	250	992.0	1145	DV71\ST71_1145
M25_1146	43	ST72,77--KCFD GM	ST77		750	1820.0	250	855.5	1146	ST77_1146
M25_1147	43	ST73--KCFD LH	ST73		750	1820.0	250	953.7	1147	ST73_1147
M25_1148	43	test for st72	ST72		750	1820.0	250	669.9	1148	ST72_1148
M25_1152	43	ST79--KCFD LH	ST79		1000	1820.0	1000	788.5	1152	ST79_1152
M25_1160	43	FIREMRSL--KCFD GM	FM		1000	1433.4	2000	1122.5	1160	FM_1160
M25_1162	43	ST62	ST62		1000	950.0	750	669.9	1162	ST62_1162
M25_1165	43	JP,ST63--BFD	ST63		1000	767.4	2000	691.8	1165	ST63_1165
M25_1173	43	PIO71-KCFD K	BN81\PIO81		1000	321.7	2000	524.6	1173	BN81\PIO81_1173
M25_1175	43	MASONCO21--KCFD GM	MASON CO.		1000	788.5	2000	832.5	1175	MASON CO._1175
M25_1176	43	PIO--KCFD GM	PIO		1000	584.8	2000	1650.0	1176	PIO_1176
M25_1180	43	ST31--KCFD GM	DV31\ST31		750	810.0	750	1285.8	1180	DV31\ST31_1180
M25_1195	43	ST28	ST28		1000	767.4	750	1285.8	1195	ST28_1195

Replace sections 1.23.1 and 1.23.2 in the Existing System Description with the following:

1.23 Dispatch Console System

1.23.1 The Kitsap 911 dispatch console system is a recently upgraded, redundant Zetron AcomNovus system located at the 911 Carver St., Bremerton, WA 98312. Figure S-2 shows the System Overview diagram consisting of redundant core servers, a reporting (Surveyor) server, two redundant conventional services gateways, one non-redundant conventional services gateway (for listen-in lines), and the Ethernet switches. The diagram also shows the 23 operator consoles in the Dispatch Center and 20 virtual consoles supporting 45 remote consoles.

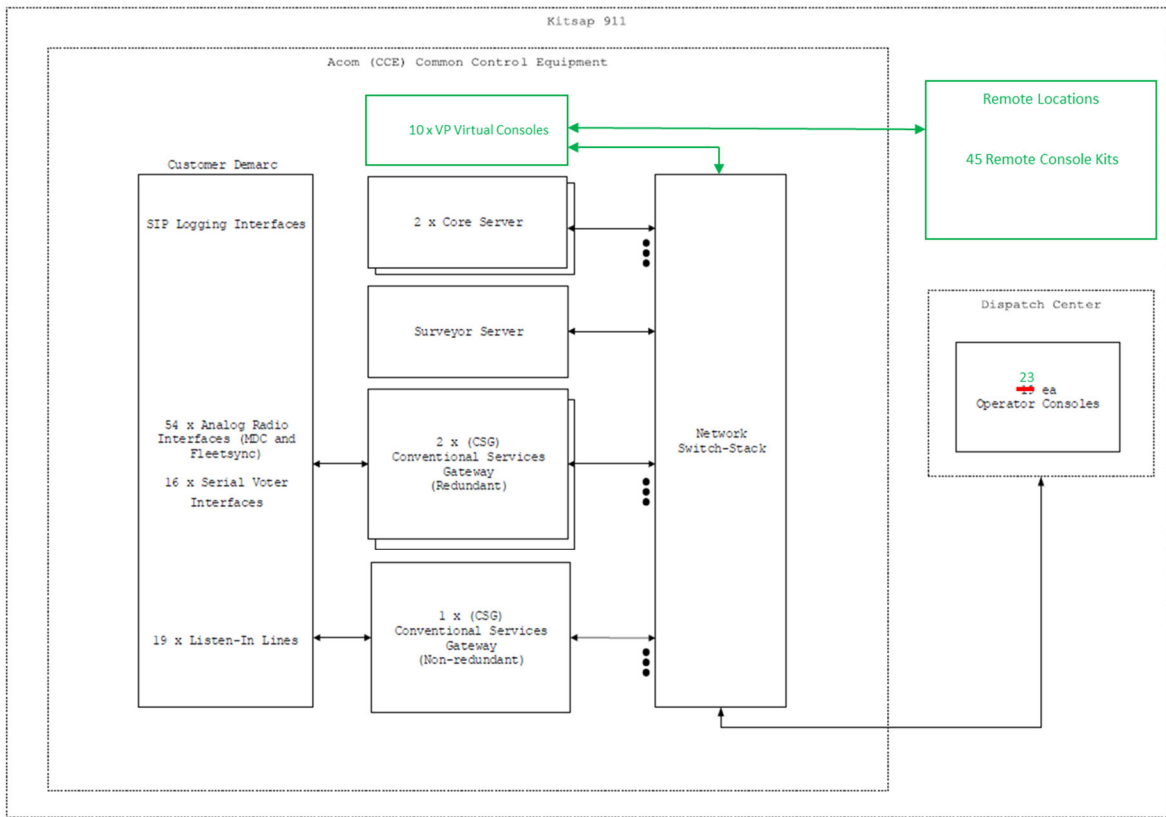


Figure S-2 Zetron ACOM System Overview

Table S-2 shows the conventional radio channels connected to the Zetron ACOM console system and the available slots for additional channels.

Table S-2: Conventional Channel Connections to the ACOM System

Conventional Services Gateway Connections					
Rack 1	Card 1	Card 2	Card 3	Card 4	
Slot 1	LE 2	LE 3	FIRE 2	TRIS KIT-WSP-LINK1	
Slot 2	BPWD	FIRE 3	FIRE 5	TRIS KIT-POS-LINK1	
Slot 3	TAC 8	REDNET	OSCCR	TRIS KIT-SNO-LINK1	
Slot 4	MCFD	MED 8	PCFD	TRIS IWN-KIT-LINK1	
Slot 5	JCFD	PSNS FIRE	HEAR	TRIS KC-KIT-LINK1	
Slot 6	Available	Available	TRIS INTERCOMM	TRIS KIT-PC-LINK1	
Rack 2	Card 1	Card 2	Card 3	Card 4	Card 5
Slot 1	LE 1	LE 4	LERN	FIRE 1	Available
Slot 2	JCSO	FIRE 4	TAC 7	TRIS KIT-POS-LINK2	Available
Slot 3	TAC 9	MED 10	SUQ F2	TRIS KIT-SNO-LINK2	Available
Slot 4	BIPD	POULSBO	LE 5	TRISIWN-KIT-LINK2	Available
Slot 5	WSP	MCSO	PCSO	TRIS KC-KIT-LINK2	Available
Slot 6	Available	Available	Available	TRIS KIT-PC-LINK2	Available

1.23.2 Table 1-19 provides the console name, location, and use of each console on the Kitsap 911 dispatch console system.

Table 1-19: Dispatch Console Location and Use

Console Name	Location	Use
Positions 1 - 16	Operations Floor	Dispatching and Call Taking
Positions 17 & 18	Training Room	Training, Dispatching, and Call Taking
Position 19	Equipment Room	Maintenance Console
Position 20	Equipment Room	Purvis Fire Alerting Console
Position 21	Equipment Room	System Administration ¹
Positions 22 & 23 ²	Operations Floor	Dispatching and Call Taking
VP1-10 ³	Equipment Room Servers	Connect Remote Console Kits
Remote Console Kits 1-45	Remote as Needed	Remote Dispatching and Call Taking

¹ Position 21 is the Zetron ACOM system administration PC and the backup for position 20, the Purvis Fire Alerting console.

² Additional consoles to be added soon. The actual numbering of these positions has not been determined yet.

³ Kitsap 911 has built a total of 20 virtual console positions, but is licensed for only 10 concurrent remote consoles