

4B-2

AGENDA ITEM SUMMARY

☐ Consent ☒ Regular
☐ Ordinance ☐ Public Hearing

Department: Facilities Development & Operations

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends **motion to approve:** the Palm Beach County Public Safety Radio System P25 Migration Request for Proposals (RFP).

Summary: On February 3, 2015, the Board approved the P25 Migration Path Recommendation Report (Report) that recommended that the County proceed with a full system replacement while maintaining the operation of the existing system for 6-12 months and contained specific recommendations regarding redundancy and interoperability which will form the basis for the functional specifications to be contained in the RFP. The RFP sets the procedural and selection criteria, general terms and conditions, the contract form to be awarded, and the scope of work (functional technical requirements). The RFP is specific as to the format of each vendor's response and includes information regarding how the information (particularly the pricing information) will be used in the selection process. The draft RFP was distributed to potential vendors and the municipalities for the purpose of providing them with an early review of the RFP so that Staff could receive feedback regarding any provisions that they believe are not consistent with industry standards or reasonably practical and/or limit the competitive nature of the RFP. Staff held a vendor/municipal review meeting (Meeting) on March 23rd in order to discuss comments in an open forum. Comments which suggested or requested changes to the RFP which were received at the Meeting, and any other written comments received prior to the Meeting, were considered by staff and the consultant and the RFP was modified to reflect changes with which the staff concurred. A log of the comments received and their status (incorporated, partially incorporated or not incorporated) is attached to the item for the Boards consideration. The next milestones are the Mandatory Pre-Proposal Meeting on April 24th and the May 21st RFP due date. **(FDO Admin) Countywide (JM)**

Background & Policy Issues: In April 2014, the Board approved Staff moving forward with a capital renewal/replacement project to migrate from the existing countywide public safety trunked radio system to a fully digital system which is compliance with P25 standards. In October 2014, the Board approved a contract with RCC Consultants Inc to provide planning and engineering services for countywide public safety radio system with two major milestones. In February 2015, the Board approved the Migration Path Recommendation Report which was prepared with the input of County users, the Sheriff's Office, the municipalities and other interoperability partners.

Since January, the County has been conducting a Vendor Familiarity Effort in order to ensure that all Vendors have access to the County's existing system and users prior to solicitation. This began with the distribution of existing system condition assessment report and photos of County tower sites and dispatch centers. For the County tower sites, tower loading drawings, shelter floor plans and other assessments were also distributed. A Pre-Solicitation Meet and Greet was held in February whereby vendors were provided an opportunity to provide general information about its P25 systems and associated feature set, demonstrate system/dispatch console equipment and interact in a one on one, trade show style format with the County and municipal users. Also in February, staff and the consultant escorted vendor representatives to all tower and dispatch center sites. The final step in the process is the pre-solicitation review of the RFP.

The RFP can be viewed at <ftp://ftp.co.palm-beach.fl.us/> Login: cidplans Password: fdoplans123. The file name is: 14212 RFP APCO Project 25. The next milestones will be Mandatory Pre-Proposal Meeting on April 24th and the due date for receipt of proposals on May 21st.

Attachments:

Palm Beach County Public Safety Radio System P25 Migration RFP – Comment Log

Recommended By:

Army Wolf
Department Director

3/24/15
Date

Approved By:

 4/2/15
County Administrator Date

4/2/15
Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2015	2016	2017	2018	2019
Capital Expenditures					
Operating Costs					
External Revenues					
In-Kind Match (County					
NET FISCAL IMPACT					
# ADDITIONAL FTE POSITIONS (Cumulative)					
Is Item Included in Current Budget:	Yes		No		
Budget Account No:	Fund	Dept	Unit	Object	
	Program				

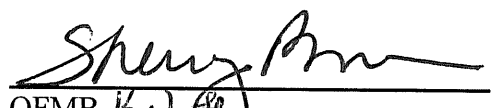
B. Recommended Sources of Funds/Summary of Fiscal Impact:

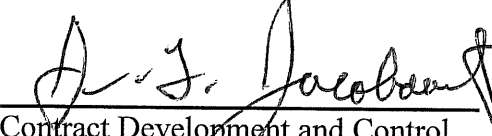
All expenses associated with the P25 Migration will be funded from the 800 MHz System Renewal/Replacement Fund which is made up of annual renewal/replacement contributions by PBSO, FR, county departments, cities who have direct connect agreements on the existing County system as well as PBSO generated \$12.50 funding. No new appropriations are anticipated.

C. Departmental Fiscal Review:

III. REVIEW COMMENTS

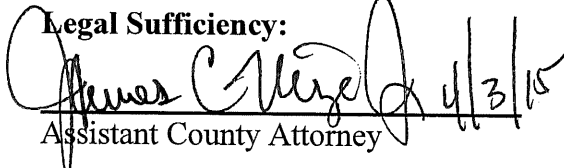
A. OFMB Fiscal and/or Contract Development Comments:


OFMB *hp* *2/2*



Contract Development and Control
4-2-15 B. Beller

4/3/15

B. Legal Sufficiency:


Assistant County Attorney

C. Other Department Review:


Department Director

VENDOR COMMENT LOG – 03/31/2015

No.	Section	Report Text	Question/Concern
Harris Corporation, Received 3/20/2015			
1	General		When will we receive the “extra” pictures that were taken by the consultant during site walks?
	RCC Response	Photographs were provided to the vendors present at the Vendor Comment meeting on March 24, 2015.	
2	General		<p>Site S-1</p> <ul style="list-style-type: none"> a. The guy wires have glass insulators on them. This is usually a sign that the tower has to be AM broadcast decoupled. When adding new equipment this will change the decoupling. Whose responsibility will it be to have this checked and does it have to be done. b. The Palm Beach Drawing Package did not supply a tower drawing showing antennas, model and heights. Can these be supplied
	RCC Response:	<ul style="list-style-type: none"> a. The City of West Palm Beach is in the process of replacing the tower at S-1. Any AM broadcast decoupling will be the responsibility of the City. b. A drawing is not yet available from the City. 	
3	General		<p>Site S-2</p> <ul style="list-style-type: none"> a. Since the survey did not get access to the roof, are there any pictures available? b. The Palm Beach Drawing Package did not supply a tower drawing showing antennas, model and heights. Can these be supplied?
	RCC Response:	<ul style="list-style-type: none"> a. Photographs were provided to the vendors present at the Vendor Comment meeting on March 24, 2015. b. This rooftop site is a relay site for the Harris (Constellation) and Aviat (IRU600) microwave system and does not support any 800 MHz antennas. A tower loading diagram is not available. 	

No.	Section	Report Text	Question/Concern
4	Section 2.5.6, Exhibit B		<p>Site S-4</p> <p>The 5-port and 8-port entry panels do not have any spare ports.</p> <ul style="list-style-type: none"> a. Are there any lines that are not in use? b. Can we “double up” on the entry ports? c. Does the building owner have any regulations or specifications for adding an additional entry port?
	RCC Response:	<ul style="list-style-type: none"> a. We are not aware of any unused lines. b. Yes, if there is adequate space to accommodate a second transmission line then doubling up on an entry port is acceptable. Exhibit B, Section 7.3.2.1 has been updated to reflect this. c. We believe there would be specific requirements from the building owner if such modifications would be made; however, there have been no conversations with the owner to date regarding such option. 	
5	Section 2.3.6, Exhibit B		<p>Site S-8</p> <p>The entry panel does not have any spare ports (Figure 7)</p> <ul style="list-style-type: none"> a. Are there any lines that are not in use? b. Can we “double up” on the entry ports?
	RCC Response:	<ul style="list-style-type: none"> a. We are not aware of any unused lines. b. Yes, if there is adequate space to accommodate a second transmission line then doubling up on an entry port is acceptable. Exhibit B, Section 7.3.2.1 has been updated to reflect this. 	
6	General		<p>Site S-9</p> <p>The Palm Beach Drawing Package did not supply a tower drawing showing antennas, models and heights. Can these be supplied?</p>
	RCC Response:	The tower is not used by the County’s existing radio system. Should the vendor chose to propose to utilize this site, the vendor will be required to perform the necessary documentation.	

No.	Section	Report Text	Question/Concern
7	General		<p>Site S-10</p> <p>The floor is elevated and as pictured, there are conduits. Where do the conduits go under the floor?</p>
	RCC Response:	Conduits go from the raised floor area to the base of the tower and from the base of the tower up to the roof where the microwave equipment is installed.	
8	General		<p>Site S-15</p> <p>a. The Palm Beach Drawing Package states that the tower is 135 foot self-supporting tower, yet the tower map states that there are 11 antennas mounted from 139 feet to 136 feet. Please clarify or correct this discrepancy.</p> <p>b. Tower map states that there are “whip” antennas. Please provide the model numbers.</p>
	RCC Response:	<p>a. The tower is 135'; however, antennas at the top of the tower are mounted to the catwalk hand railing. This extends above the tower height of 135'</p> <p>b. Most of these antennas are control station antennas and are not used as RF infrastructure for the trunked radio system. We will provide an updated tower loading diagram that includes the model numbers for the antennas whose model numbers are known.</p>	
9	General		<p>Site S-16</p> <p>a. During the site tour, it was noticed that there were several unterminated transmission lines that have the potential to cause interference. Whose responsibility is it to correct these problems?</p>
	RCC Response:	In general, existing condition issues will be the responsibility of the owner. However, the City of Delray Beach intends to relocate from this site to the County's Site S-7 site as part of this project. Please refer to Exhibit B-2.	

No.	Section	Report Text	Question/Concern
10	General		<p>Site S-25</p> <p>In the pictures supplied, there are site pictures taken from inside the fenced room. During the site tour we did not have access to this area. Are we able to use this side of the room for new equipment?</p>
	RCC Response:	New equipment may be installed in the fenced room only if there is inadequate space within the main room to accommodate the proposed solution. Exhibit B, Section 2.2.11.3 has been updated to include this statement.	
11	General		<p>Site S-27</p> <p>We noticed that the grounding bus bar on the tower is missing. Whose responsibility is it to replace this?</p>
	RCC Response:	In general, existing condition issues will be the responsibility of the owner. However, the City of Boca Raton intends to replace the tower and shelter at this site as part of a separate project.	
12	Section 2.2.12, Exhibit B	Per the tower structural analysis performed by American Tower on April 26, 2012, the tower in its current condition will support the tower loading requirements as listed in the Structural Analysis Report. County personnel stated that they have been informed that the tower is at capacity and is not capable of supporting additional loads	How is it determined who is correct?
	RCC Response:	Per the tower structural analysis performed by American Tower on April 26, 2012, the tower in its current condition will support the tower loading requirements as listed in the Structural Analysis Report. The RFP has been updated accordingly to clarify the condition of the tower.	
13	General		<p>Site S-34</p> <p>The CDs provided by the County did not have any pictures for this site? Can site pictures be provided?</p>
	RCC Response:	Photographs were provided to the vendors present at the Vendor Comment meeting on March 24, 2015.	

No.	Section	Report Text	Question/Concern
14	General		Site S-35 a. The CDs provided by the County did not have any pictures for this site. Can site pictures be provided? b. Although we went past this site on the site tour, we did not inspect this site. Why?
	RCC Response:	This site is a relay site for the Aviat microwave system and does not support any 800 MHz antennas. The tower at this site would need to be replaced to support the additional 800 MHz antenna loads and the County has opted not to replace/upgrade this tower this time.	
15	General		The Palm Beach drawing package includes a list described as "Dispatch Site A through D". What dispatch center do these drawings actually represent.
	RCC Response:	The drawings contained within the RFP will utilize an updated alias site list. The updated alias site list was provided to vendors on March 30, 2015.	
16	General		Is a copy of the Tower Analysis Report available? If yes, can it be forwarded to the vendors? This report is mentioned throughout the Palm Beach County System Assessment Report
	RCC Response:	Structural analyses for the towers will be made available to the Respondents to review at the County ESS office.	
Harris Corporation, Received 3/24/2015			
17	Section 2.1 RFP and Responses, Section 2.1.8	Inaccurate, Misleading, Exaggerated, Incorrect or Omitted Information. Any Respondent who submits in its Response any information that is determined by the County, in its sole opinion, to be substantially inaccurate, misleading, exaggerated, incorrect or omitted may be disqualified from consideration.	A unilateral right to omit from consideration a response that the County in its' sole opinion in inaccurate, misleading, exaggerated, or incorrect is essentially a reject for any reason clause and negates the purpose of the RFP. Harris therefore recommends that this clause be omitted from the RFP.
	RCC Response:	This requirement is adequately covered in other provisions of the RFP so this is essentially a duplicative provision and will be removed.	

No.	Section	Report Text	Question/Concern								
18	Section 3.2, Selection Procedure	<p>At the Selection Committee Meeting, each Respondent will have up to 30 minutes to make an oral presentation and 15 minutes to answer questions from the Selection Committee. Each Selection Committee member will evaluate the aforementioned materials on the following criterion and award not more than the maximum points for each criterion as follows:</p> <table><tr><th>Evaluation Criteria</th><th>Maximum Points to be Awarded</th></tr><tr><td>1. Performance/Experience in System Delivery/Installation</td><td>40 Points</td></tr><tr><td>2. Performance/Experience in Maintenance Service</td><td>35 Points</td></tr><tr><td>3. Price Proposal</td><td>25 Points</td></tr></table>	Evaluation Criteria	Maximum Points to be Awarded	1. Performance/Experience in System Delivery/Installation	40 Points	2. Performance/Experience in Maintenance Service	35 Points	3. Price Proposal	25 Points	Currently, the evaluation criteria are comprised of 75% experience in both installation and maintenance of systems and 25% on price. It is unusual for a solicitation of this size and magnitude to have no evaluation criteria based more on technical merit. It is the recommendation of Harris that the County's evaluation criteria be based more on what the County is really buying, and that is a technical solution and coverage along with the best price for the solution.
Evaluation Criteria	Maximum Points to be Awarded										
1. Performance/Experience in System Delivery/Installation	40 Points										
2. Performance/Experience in Maintenance Service	35 Points										
3. Price Proposal	25 Points										
RCC Response:		In Section 3.2 of the RFP, the County will clarify that the Performance/Experience evaluation criteria includes the technical solution (which includes redundancy, resiliency, coverage, etc.) as discussed at the Vendor Review meeting.									

No.	Section	Report Text	Question/Concern
19	Section 1.2, Selection Committee		Harris has reviewed the three-member Selection Committee planned to evaluate, score and recommend award for this procurement. Harris recommends that a larger committee, comprised of Hub Partners, Direct Connect Partners, the Budget Department, the Procurement Office and Technical Representative be added to the Committee. This is a projected \$40M procurement and is one of the largest that will be undertaken by the County next year. In our experience a larger and more expansive skill set represented by this Committee will provide for the best technical solution, at the best price for the County's users and its citizens.
	RCC Response:	The Technical Evaluators are representatives from FDO/CID, FDO/ESS, PBSO and PBFR with a varying technical and operational experience. Representatives from Hub and Direct Connect cities are invited to attend the Technical Evaluation Meeting and vendor presentations as Observers. A consensus Technical Evaluation Report will be provided to the Selection Committee in advance of the Selection Committee Meeting (as well as to the Vendors) along with comments from the Hub and Direct Connect cities (comments from the Hub and Direct Connect cities will be separate from the comments from the Technical Evaluation Report). The County feels that the Selection Committee has more than sufficient experience in a wide variety of areas including operational, budgeting and procurement, as constituted to select the vendor that provides the best proposal for the County.	
20	Section 1.3, Vendor Responsibilities, Exhibit A, Tab 6.5	Product data sheets shall be provided for all proposed antennas, transmission lines, tower top amplifiers, receiver multicouplers, transmit combiners, circulators, filters, connectors, attenuators, etc. Provide FCC type acceptance number for all equipment requiring type acceptance.	In order to assist the technical evaluation, Harris recommends the requirement to be modified to include product data sheets for equipment proposed beyond antenna systems such as base station, networking equipment, core equipment, etc.
	RCC Response:	This was an oversight in the draft RFP and the requirement in Exhibit A.4, Tab 6.5 has been modified to include requesting data sheets for all fixed equipment (network cores, simulcast/voter systems, microwave equipment, emergency power system, dispatch consoles, etc.)	
21	Section 7.4.1 NCMS Network Security, Exhibit B	The Contractor shall describe in detail their proposed security measure to protect physical components (routers/switches, buildings, etc.) and how the network and the information the network will be kept secure.	Please confirm your intent is not for the responders to include physical security measures for County Buildings where RF equipment is located.
	RCC Response:	Correct, physical security measures for County Buildings where RF equipment is located is not within the scope of this contract. We will modify section Exhibit B, Section 7.4.1 to reiterate this point.	

No.	Section	Report Text	Question/Concern
22	Section 10.3 System Acceptance Test Plan, Exhibit B	<p>The Contractor shall provide a System Acceptance Test Plan (SATP) for the system inclusive of all subsystems for establishing the basis of system acceptance. This plan shall form the basis for a mutually agreed upon SATP between the County and the Contractor. The SATP shall, as closely as possible, resemble the real life application of the communications system and equipment. An example of the topic areas to be analyzed in depth in the field shall include, but not limited to, the following testing areas that must show conformance to all of the specifications contained in this document:</p> <p>A. Site facilities installation and mechanical inspections, functionality and performance (e.g., generators, power plant systems, shelter alarms, fire suppression, grounding, etc...)</p>	We request the County to confirm that testing of site facilities (such as generators, fire suppression, etc.) is limited to only the items provided by the Contractor.
	RCC Response:	Correct, the testing of site facilities shall be limited to only the items provided by the Contractor. Exhibit B, Section 10.3 of the RFP has been modified to reiterate this point.	
23	Section 13.1 Warranty, Exhibit B	Contractor warrants such redesigned, repaired or replaced work against defective design, materials and workmanship for a period of twelve months from and after the date of acceptance thereof. Should Contractor fail to promptly make the necessary redesign, repair, replacement and tests, County may perform or cause to be performed the same at Contractor's expense.	Please confirm that the County is not requesting an Evergreen Warranty as part of this section.
	RCC Response:	The County does not seek an Evergreen Warranty as part of the one year warranty. Exhibit B, Section 13.1 has been updated to include this confirmation.	

No.	Section	Report Text	Question/Concern
24	Use of Proprietary Features (Exhibit B)		<p>Harris recommends, in order to evaluate the technical responses on an apples to apples basis, that all proprietary features outlined in the specifications be categorized as optional requirements. The following are interpreted to be proprietary features that are not offered by all potential bidders.</p> <ul style="list-style-type: none"> A. Section 4.5 – 700/800 MHz Capable fixed network equipment B. Section 7.5.11 – Centralized Fault Management C. Section 7.5.17.10 – Keypad D. Section 7.5.17.13 – Channel Marker E. Section 7.5.17.21 – Talkgroup / Channel / Telephone Crosspatch F. Section 7.5.17.28 – Individual Volume Adjust G. Section 7.5.17.32 – Selective Alert H. Section 7.5.17.33 – Paging Encoder I. Section 7.5.17.44 – Onscreen Help J. Section 7.5.17.47 – Busy Tone K. Section 7.6.6 – Common System Features and Services <ul style="list-style-type: none"> a. Radio Check b. Call Alert c. Radio Unit Monitoring d. Status Updates e. Talk Prohibit Tone
	RCC Response:	<p>Section 4.5 has been clarified to indicate the specific type of equipment that is not required to support dual 700/800 MHz operation. This issue has been resolved.</p> <p>For Items B through K, Harris provided further information on 3/26/2015 with regards to the specific issues with these features and functions that they interpret to be proprietary features. In RCC's opinion Harris' use of the term "proprietary" is misleading as many of the features are actually P25 standard features (either mandatory or standard options) though Harris may have chosen not to incorporate these features into their system capabilities. Third-party consoles, such as ones available from Avtec, support many of these features and Harris has the option of offering third-party consoles in the procurement. As such, they should not be considered "proprietary" but rather "unsupported". Furthermore, Harris indicated their consoles and system comply with these features in a proposal to Athens-Clarke County, GA. On 3/27/2015, RCC sent a request to Harris for clarification regarding the unsupported features and stated that Harris indicated their compliance to Athens-Clarke County. On 3/30/2015, Harris responded with clarifications regarding the unsupported features, but Harris did not address the discrepancy with their</p>	

No.	Section	Report Text	Question/Concern
		<p>compliance response to Athens-Clarke County.</p> <p>Based upon the response, the following is RCC's summarization of the specific issues:</p> <p>Section 7.5.11 – Centralized Fault Management – The RFP has been updated to indicate that redundant and resilient IP based connections meet the intent of this section. This issue has been resolved.</p> <p>Section 7.5.17.10 – Keypad. Harris' console provides a means to enter a particular radio's ID for placing a private call but the transmission of paging tones to a specific radio requires a work around where a paging button with the unit ID and paging tone is pre-programmed. PBSO has indicated that they utilize a drop down menu to initiate Call Alert on the current system and does not require a keypad. The requirement for an on-screen keypad will be removed from the RFP. This issue has been resolved.</p> <p>Section 7.5.17.13 – Channel Marker – Harris' console supports this feature and withdrew its request for the removal of this specification. This issue has been resolved.</p> <p>Section 7.5.17.28 – Individual Volume Adjust – Clarification on the intent of the section was provided to Harris and Harris indicates their console meets the intent of the RFP. This issue has been resolved.</p> <p>Section 7.5.17.32 – Selective Alert – Clarification on the terminology (this is also referred to as Call Alert) was provided to Harris. Harris indicated that their current P25 console offering does not support Call Alert at this time but it may be a feature that is developed at a later date. Selective Alert / Call Alert (referred to as User Paging by PBSO) is used by PBSO very frequently (at least daily) and is incorporated into their Standard Operating Procedures. Selective Alert / Call Alert provides a means for a dispatcher to individually alert a radio user (visually and/or audibly) and is used when the PBSO cannot reach a deputy over the assigned talkgroup. Harris did not offer a work-around for this requirement. This is not a proprietary feature to Motorola and is supported by other console manufacturers (Avtec's Scout console as one example).</p> <p>Because of the criticality of this feature to PBSO, RCC requested information on work-arounds and other solutions that Harris may offer and requested that they respond by 3/31/2015. Harris responded indicating that after further Harris internal discussions, they determined that this feature is on their product roadmap and therefore withdrew their objection over its inclusion in the RFP. This issue has been resolved.</p> <p>Section 7.5.17.33 – Paging Encoder – Harris was asked if there was a work-around to this feature and Harris indicated that its console supports one-touch pre-configured paging modules that they indicate is a more efficient process than the methodology described in the RFP and with their methodology there is no need to enter the paging tone frequency manually. PBCFR has indicated that the paging encoder is a critical feature to them and Harris's response regarding the pre-programmed buttons was acceptable. The requirement for keypad operation will be removed from the RFP. This issue has been resolved</p> <p>Section 7.5.17.44 – Onscreen Help – Based upon feedback from the users, this requirement has been removed from</p>	

No.	Section	Report Text	Question/Concern
		<p>the RFP. This issue has been resolved.</p> <p>Section 7.5.17.47 – Busy Tone – Clarification was sent to Harris indicating that the intent of the busy tone was to alert the dispatcher that there are no channel resources available to the dispatcher to allow their call to go through. Harris indicated that their current P25 console offering does not support busy tone at this time but it may be a feature that is developed at a later date. Though it is possible that a console will not be granted a channel assignment due to congestion, this should be very rare. This feature will be listed as optional in the RFP. This issue has been resolved.</p> <p>Section 7.6.6 – Common System Features and Services</p> <ul style="list-style-type: none"> a. Radio Check b. Call Alert c. Radio Unit Monitoring d. Status Updates e. Talk Prohibit Tone <p>Clarification was provided to Harris as to the intent of each feature and Harris indicated that of the above features, only Talk Prohibit Tone is supported by the Harris system. This issue (Talk Prohibit Tone) has been resolved.</p> <p>With regard to Radio Check, this is a feature that is generally used administratively and though it exists on the system today, is not a critical feature. This is not a proprietary feature to Motorola and is supported by other console manufacturers (Avtec's Scout console as an example). Regardless, as this is not a critical feature of the radio system and will be listed as optional in the RFP. This issue has been resolved.</p> <p>With regard to Radio Unit Monitoring, this is a feature that does not exist today on the system, though it could provide benefit to some agencies. This is not a proprietary feature to Motorola and is supported by other console manufacturers (Avtec's Scout console as one example). Regardless, as this is not a critical feature of the radio system and will be listed as optional in the RFP. This issue has been resolved.</p> <p>With regard to Status Updates, this is not a critical feature to the users of the radio system and will be removed from the RFP. This issue has been resolved.</p> <p>Summary:</p> <p>With the withdrawal of the objection to the inclusion of Selective Alert / Call Alert in the RFP, all feature set issues initially raised by Harris have been resolved.</p>	

No.	Section	Report Text	Question/Concern
25	County General Conditions, Exhibit H		The RFP has several requirements for vendors to meet a series of codes that begin with GC. Please include those GC standards as part of the RFP response to ensure compliance.
	RCC Response:	GC 1 through 77 were provided in Exhibit H of the Draft RFP.	
26	Section 2.2 Trunked System Infrastructure, Exhibit B	Table 1 below lists the tower sites ("sites") that comprise the County's existing radio system:	The Florida Regional Interference Program (FRIP) limits maximum ERP levels to 500 W. The County's site S-4 exceeds this maximum. Is this a typo or did the County receive a waiver for this? We request pertinent documentation regarding the waiver so that the site may be designed in compliance with regional and FCC requirements.
	RCC Response:	The County received a waiver for this requirement. A copy of the waiver and current license that depicts a 900+ Watt ERP at Site 4 were distributed to the vendors on 3/27/2015.	
27	Section 7.1, Exhibit B	It is the intent of the County to procure a state-of-the-art, digital APCO Project 25 compliant communications system that will meet the County's radio communication needs for the foreseeable future and provide the capability and reliability for mission critical communications to public safety officials and other system users.	The desired design utilizes the identical sites and antennas as the existing legacy system. In addition, your ERP levels are constrained by FRIP, therefore Harris is concerned you will see very little if any improvement in overall system coverage.
	RCC Response:	The vendor is required to perform detailed RF coverage analysis to indicate the level of performance their system design will provide to the County and the vendor shall guarantee the level of coverage contained within their proposal. The County's design does include an additional receive-only site to account for changes to the coverage requirements. The vendors have the option of proposing additional government owned towers to provide additional coverage if they desire.	

No.	Section	Report Text	Question/Concern
Harris Questions During Vendor Comment Meeting			
28	Section 6.4, Exhibit B		Harris verbally asked for clarification of Section 6 as it relates to the new dispatch console provide the same functionality as the existing consoles.
	RCC Response:	Section 6.4 has been revised to indicate that the new dispatch consoles shall provide the same functionality as the existing consoles insofar as the business practices of the existing dispatch centers do not have to change.	
29	General		Harris verbally asked for clarification on the requirement of the reuse of existing equipment.
	RCC Response:	Verbal clarification was provided at the meeting. Exhibit B has been revised to include a new Section (1.2).	
30	General		Harris verbally expressed concern that requiring a list of all projects suggests that the evaluation will be based upon the quantity of projects and therefore result in an unfair advantage to a vendor.
	RCC Response:	Verbal clarification was provided that the intent of the "all" requirement was to be able to perform reference checks that are broader than those customers identified by the Vendor with specific interest in speaking with other owners where vendors may have experienced issues and how the vendor addressed those issues. Tab 5 was revised to provide clarification.	
31	General		Harris verbally requested an extension to the time for the submittal due date.
	RCC Response:	The due date for the proposals will not be extended. The vendors were provided the Migration Path Recommendation Report in November with opportunity to provide comments. In January, the vendors were advised of the timeframe for responding to the RFP and were provided the Current System Assessment Report that included detailed technical information such as site drawings and photographs. In February, the vendors conducted site visits. The draft RFP was provided to the vendors on March 9, 2015 for review and comment. The level of detailed information provided by the County and the involvement of the vendors in development of individual components of the RFP dating back to November support the May 21, 2015 submittal date.	

No.	Section	Report Text	Question/Concern
Motorola Solutions, Received 3/20/2015			
32	Section 4.1, Exhibit B	Though this is normally provided by means of geo-redundant network cores and simulcast control points, the Contractor's design may <u>not</u> allow for other configuration (e.g., distributed vs. centralized architecture). As such, the Contractor shall propose a system that provides the desired level of resiliency in accordance with their system architecture. The Contractor shall describe in detail how redundancy is achieved and the expected system switching times required for primary to redundant components.	Is the word "not" a typo?
	RCC Response:	Yes, the word "not" is a typo and Exhibit B, Section 4.1 has been corrected.	
33	Exhibit A.4, Tab 6.1	The County will provide a Summary Compliance Matrix in Microsoft Excel spreadsheet format. The Respondent shall complete the spreadsheet with each of the compliance statements (Fully Compliant, Partially Compliant, or Non-Compliant)	For the electronic version of the proposal does the County wish vendors to provide the excel compliance matrices in the native excel format in addition to Adobe Acrobat (PDF) format (that is specified in Exhibit A.2. 5 th bullet: "One (1) CD or flash drive containing the above documents in Adobe Acrobat (PDF) format.")
	RCC Response:	Yes, it is desired that the Respondent provide the Summary Compliance Matrix in both Excel and PDF format. This has been clarified in Exhibit A.4, Tab 6.1.	

No.	Section	Report Text	Question/Concern
34	Section 4.7.1. Configuration, Exhibit B	<p>The P25 simulcast trunked system shall operate in the 800 MHz frequency band and shall have, at a minimum, 24 channels <u>configured</u> as “dynamic dual-mode” Phase I and Phase II system, with a minimum of 10 channels <u>configured</u> for dynamic dual-mode.</p> <p>Price Pages :OPTIONAL: Price for Phase 2 TDMA, <u>Dual-Mode on Remaining 13 Channels</u></p>	The County utilizes 28 channels today. Can you clarify the requirement for talkgroups, channels operating in Phase I and Phase II? Should the vendors interpret the requirement for “configured” to mean equipped and operable? What number of channels should be equipped and operable for dual mode Phase 2 TDMA operation?
	RCC Response:	<p>A simulcast system with a minimum of 24 channels (23 working channels and 1 control channel) shall be proposed by the vendors. Of the number of channels proposed, a minimum of 10 working channels shall be dynamic dual-mode P25 Phase I / Phase II (equipped and operable). In the optional pricing, the County desires the cost to make the remaining channels of the system (the remaining 13 working channels) dynamic dual-mode P25 Phase I / Phase II (equipped and operable). Section 4.7.1 has been updated to provide this clarification.</p>	
35	Section 4.7.2.10, Exhibit B	<p>Site S-25</p> <p>The Contractor shall furnish and install the following:</p> <ul style="list-style-type: none"> • New diesel-powered generator rated for no less than 150 kW and ancillary equipment (automatic transfer switch, diesel fuel storage tank, etc.) • UPS system to support the network core equipment • Electrical distribution panel fed from New UPS system to support the network core equipment • Electrical distribution panel fed from existing UPS system to support new RF equipment 	<p>Is the existing generator in need of replacement or can the existing generator be re-used?</p> <p>Does the County desire the back-up site/network core to be installed at this location?</p>
	RCC Response:	<p>The existing generator will remain in operation. The new generator shall be configured as backup and/or parallel operation to the existing. Yes, this site is desired to be the secondary network core site. Section 4.7.2.10 has been updated to provide this clarification.</p>	

No.	Section	Report Text	Question/Concern
36	Section 4.7.2 Site Specific Requirements, Pgs. 58-60, Exhibit B	Referencing the following sections: <ul style="list-style-type: none"> • Section 4.7.2.1 S-3 Site • Section 4.7.2.4 S-7 Site • Section 4.7.2.5 S-8 Site • Section 4.7.2.6 S-11 Site • Section 4.7.2.9 S-22 Site • Section 4.7.2.11 S-31 Site • Section 4.7.2.12 S-32 Site 	What amperage capacity does the customer desire for the manual transfer switch? What amperage and breaker capacity does the customer desire for the new electrical distribution panel(s)?
	RCC Response:	The manual transfer switch shall be sized for 300 amps; however, it is the vendor's responsibility to verify its suitability per the NEC code, Florida Building code and/or local code, whichever is higher. The new electrical panel(s) will be an addition to the existing UPS and shall at a minimum be sized to match the rating of the UPS source to which it is connected. The breaker capacity of each panel shall be as determined by the vendor and in accordance with Exhibit B, Section 6.6.4. Section 4.7.2 has been updated to provide this clarification.	
37	Section 4.7.2 Site Specific Requirements, Exhibit B	Referencing the following sections: <ul style="list-style-type: none"> • Section 4.7.2.2 S-4 Site • Section 4.7.2.3 S-5 Site • Section 4.7.2.8 S-15 Site • Section 4.7.2.10 S-25 Site • Section 4.7.2.13 S-33 Site 	What amperage and breaker capacity does the customer desire for the new electrical distribution panel?
	RCC Response:	The new electrical panel(s) shall at a minimum be sized to match the rating of the UPS source to which it is connected. The breaker capacity of each panel shall be as determined by the vendor and in accordance with Exhibit B, Section 6.6.4. Section 4.7.2 has been updated to provide this clarification.	

No.	Section	Report Text	Question/Concern
38	Section 7.3.2, Exhibit B		This section states that the existing antenna system must be replaced. This appears to be in conflict with the RFP's request to re-use as much of the existing Antenna system as possible. Can the County please clarify what should be leveraged with regard to existing antennas?
	RCC Response:	The County requests that the vendors leverage the existing antennas as much as practical in their design. Section 7.3.2 has been updated to provide this clarification.	
39	Section 7.3.2.3 Receiver Multicoupler and Tower-Top Amplifier, Exhibit B		Has the County replaced their existing Tower Top Amplifiers as part of their 2014 antenna replacement effort? If so, can the vendors re-use this equipment as part of the RFP response?
	RCC Response:	The vendors shall replace all tower top amplifiers as part of this project. Section 7.3.2.3 has been updated to provide this clarification.	
40	Section 7.5, Exhibit B		Can you explain any console requirements specific to your existing CAD interfaces?
	RCC Response:	There are no console requirements specific to the County's specific CAD interfaces. The CAD interfaces that may exist today are not in use and will not be part of the P25 RFP.	
41	Section 7.5.5, Exhibit B		Can the County please provide the quantity breakdown and location of the existing control stations/antennas and consolettes that need to be replaced as part of Section 7.5.5?
	RCC Response:	Table 25 provides the list and quantity.	

No.	Section	Report Text	Question/Concern
42	Section 11.4 Dispatcher Training, Exhibit B	Concurrent with the installation and prior to the performance period of the communications system, <u>the Contractor shall provide orientation and training for all of the participating department's dispatch radio personnel</u> for all aspects of the operation and functioning of the P25 communications system and equipment. The Contractor shall provide multiple training sessions at various times to accomplish training of all dispatchers while still providing adequate staffing coverage for dispatch operations and accommodating the dispatchers various work schedules.	Can the County please indicate console student numbers by User Agency?
	RCC Response:	Section 11 has been updated to provide a clarification as well as to provide additional/new requirements based upon further feedback from user agencies.	

No.	Section	Report Text	Question/Concern
43	Section 14.2, Software Upgrades, Exhibit B	<p>The Contractor shall perform full system software upgrades on a three (3) year schedule starting from the date of Final System Acceptance. The software upgrades <u>shall include all components of the system</u> including, but not limited to, network core, network management, dispatch consoles, etc.</p> <p>Should existing hardware not support a software upgrade, the Contractor shall replace or upgrade the existing hardware, as required, with hardware compatible with the software upgrade.</p>	<p>Should the vendor assume that all 3rd party software needs to be included for the periodic software upgrades/updates? Including but not limited to:</p> <ol style="list-style-type: none"> 1. Computer and server operating system software 2. Vendor provided 3rd party logging software <ol style="list-style-type: none"> a. Both P25 IP loggers and telephony/analog loggers? 3. Vendor provided 3rd party monitoring and reporting software
	RCC Response:	<ol style="list-style-type: none"> 1. 3rd party computer and server operating system software shall be upgraded to the version that the vendor ships with new equipment. The vendor does not have to upgrade computer and server operating system software strictly because the 3rd party manufacturer provides a new version as long as the vendor is still using the current version in their shipping release. 2. The requirements of the RPF for logging are to provide the interface for and to assist in establishing a connection with a County or municipality owned logging recorder. These logging interfaces shall be part of the periodic software upgrades/updates. 3. As with the answer to item 1, 3rd party monitoring and reporting software shall be upgraded to the version that the vendor ships with new equipment. <p>Section 14.2 has been updated to provide this clarification.</p>	

No.	Section	Report Text	Question/Concern
44	Section 14.3, Technology Refresh, Exhibit B	Examples of critical components for the purpose of technology refresh include, but are not limited to: <ul style="list-style-type: none">• Network core servers• Network core storage systems• Network core routers• Network core switches• Logging recorder servers	Should the vendor assume that all P25 IP logger AND telephony/analog logger hardware need to be considered in the technology refresh?
	RCC Response:	The requirements of the RPF for logging are to provide the interface for and to assist in establishing a connection with a County or municipality owned logging recorder. These logging interfaces shall be part of the periodic software upgrades/updates. Section 14.3 has been updated to provide this clarification.	
45	General		Would the County enable track changes on the Draft RFP to allow the vendors to easily identify changes in the final RFP document?
	RCC Response:	Changes to the draft RFP are documented in this Vendor Comment Log.	
46	Section 5.3.4, Exhibit B		Motorola would like to request that four (4) individual shape files for the in-building polygons defined in Figure 2 and 3 be provided in the RFP package as well as a shape file that defines a polygon for the portable operating on the street.
	RCC Response:	Shapefiles will be provided to the vendors no later than March 31, 2015.	
Motorola Questions During Vendor Comment Meeting			
47	Exhibit A.4, Tab 5		Motorola asked if the references could be limited to projects within the U.S.
	RCC Response:	Exhibit A.4, Tab 5 has been updated to limit the requirement to references within the U.S.	

No.	Section	Report Text	Question/Concern
Other changes:			
48	Section 4.9, Exhibit B		
	Change:	Added two 700 MHz conventional 700 MHz mutual aid channels to Site S-33	
49	Section 4.10, Exhibit B		
	No Change:	PBSO has requested that P25 Data, Selective Call and Over-the-Air-Rekeying be incorporated as a mandatory requirement for the ISSI interface. At the Vendor Comment meeting, the vendors were asked to provide an indication by 3/26/2015 as to whether this would result in a noncompetitive procurement. Motorola responded that their system was capable of providing these functions across an ISSI interface, however, Harris responded that these functions are not currently supported by their ISSI interface. No change to the RFP will be made.	
50	Section 11, Exhibit B		
	Change:	PBSO has requested modifications to the training requirements to better support their needs. Updates have been made to the training session to indicate specific quantity of “train-the-trainer” sessions, the number of attendees at these sessions, the number of additional sessions, and customization of training on a per-agency basis.	
51	Section 7.5.4, Exhibit B		
	Change:	Additional clarifications on logging recorder requirements have been provided indicating the requirement that logging records shall be interfaced at a digital level where compatible, digital logging recorders are available.	
52	Section 7.5.2, Exhibit B		
	Change:	Additional clarifications on timing and synchronization requirements have been provided indicating that if the Contractor's solution requires the use of existing network clocks at the dispatch center to maintain synchronization from a GPS standard, the Contractor may utilize existing network clocks if ports are available.	
53	Section 7.3.2, Exhibit B		
	Change:	Additional clarifications on antenna requirements and transmission line replacement have been provided indicating that all transmission lines supporting 800 MHz antennas at the 10 existing RF sites shall be replaced and that “doubling-up” transmission lines through an entry port is acceptable if commercially available cushions are used.	

No.	Section	Report Text	Question/Concern
54	Section 7.3.2.3, Exhibit B		
	Change:	Additional clarification on the replacement of tower-top amplifiers has been provided indicating that all tower top amplifiers shall be replaced at the existing 10 existing RF sites.	
55	Section 17, Exhibit B		
	Change:	Section 17 was added to provide a combiner plan that the vendors may consider in their system designs.	