



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: General Services
Department No.: 063
For Agenda Of: July 13, 2021
Placement: Departmental
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority and 4/5

TO: Board of Supervisors

FROM: General Services Janette D. Pell, Director (805) 560-1011
Contact Info: Andre Monostori, Assistant Director (805) 568-2606

SUBJECT: Agreement with EF Johnson Company for the Public Safety Radio System Replacement Project

County Counsel Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Recommended Actions:

That the Board of Supervisors:

- a) Approve and authorize the Chair to execute the attached Agreement for Services of Independent Contractor (Agreement) with EF Johnson Company for System and Installation for the Public Safety Radio System Replacement Project (Project) in the amount not to exceed \$30,239,809; and
- b) Approve Budget Revision Request (BRR) 0007711 (4/5 Vote Required); and
- c) Direct staff to return to the Board by January 2022 for an update about the project phases and to consider further funding for the Project; and
- d) Authorize the General Services Director, or designee, until otherwise ordered by the Board, to administer the Agreement on behalf of the County and to execute the Final Detailed Design Certificate for Phase 1, attached to the Agreement as Exhibit I; and
- e) Determine that the recommended actions are exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to the following CEQA guidelines sections: 15301 as the actions consist of the operation, repair, maintenance, leasing, licensing or minor alteration of existing public structures, facilities, mechanical equipment or topographical features, involving

negligible or no expansion of existing or former use; 15302 as the actions consist or replacement or reconstruction of existing structures and facilities located on the same site and with the same purpose and capacity; 15303 as the actions consist of construction and location of limited numbers of new, small facilities or structures and installation of small new equipment and facilities in small structures; and 15061(b)(3) as it can be seen with certainty that there is no possibility that the activity may have a significant effect on the environment; and direct staff to file the attached Notice of Exemption on these bases.

Summary Text:

The County of Santa Barbara's Public Safety Radio System (PSRN) is at end of its vendor supported life and needs replacement. The PSRN users are: Fire, Sheriff, Public Health, Probation, Parks, General Services, District Attorney, and contracted cities.

The County conducted a Request for Proposal (RFP) process to upgrade and improve coverage for the PSRN, which includes the following major systems:

- UHF P25 Phase 2 Standards Based Radio Network
- VHF Fire Analog Conventional
- New Site(s) Acquisition and Development to improve coverage
- Site Upgrades
- Microwave Backhaul
- Subscribers
- Dispatch & Call Logging System

Twenty-five vendor representatives attended the on-site Mandatory Pre-Proposal Conference, and three vendors; 1) EF Johnson, 2) L3Harris Technologies, Inc., and 3) Motorola Solutions submitted RFP responses as prime contractors.

As described in the RFP, award may be made to the responder whose proposal was determined to be the most advantageous to the County on the basis of such considerations as suitability to purpose, quality, service, previous experience, price, and ability to deliver. The RFP described lengthy evaluation criteria for which points would be awarded to determine the vendor whose proposal would be determined to be the most advantageous. The County formed a Selection Committee and a Steering Committee for the project. Members of the committees were represented by major users of the Public Safety Radio System.

The RFP process resulted in the selection of EF Johnson as a prime contractor for the System and Installation of the Public Safety Radio System based on the selection criteria published in the RFP.

L3Harris Technologies, Inc. and Motorola Solutions each protested the selection. Both protests were denied and subsequently appealed to a Protest Resolution Committee (PRC) consisting of members from CEO's Office, General Services, and Public Works. The PRC reviewed the procurement process, the protests and appeals, and heard Oral Presentations from both vendors. The PRC determined that the County evaluated all replies from interested vendors in accordance with the processes and criteria set forth in the RFP and affirmed the determination that the proposal from EF Johnson is the most advantageous to the County. A summary of the PRC's review of the records and resolution of the protest issues are included as attachments to the Responses that were sent to L3Harris Technologies (Attachment 14) and Motorola Solutions (Attachment 15). As described in the RFP, the Committee's decision is the final decision of the County with respect to the Protest Appeal.

Background:

The County of Santa Barbara has a diverse radio communications environment, with several different land mobile radio systems deployed to meet specific operational needs of County departments. These systems are in different stages of their lifecycle, and each have varying technologies and capabilities. County needs to replace the Public Safety Radio System as it is near the end of its useful life.

The County radio network consists of the following major components:

- Land Mobile Radio (LMR) systems for Fire, Sheriff and EMS, and a Local Government (LG) system for Public Works, Public Health, Parks and General Services. LMR systems provide voice communications between radio users in the field and the Sheriff Dispatch Center (Dispatch) or other radio users via a mobile or portable radio (subscriber units) and the LMR base stations at radio sites throughout the County.
- The County Public Safety Microwave Radio System to carry radio user voice signals between the LMR base station sites and the Communications (Comm) Center where the system control equipment is located for all four County LMR systems.
- Dispatch where the dispatch consoles reside that allow the Sheriff / Fire dispatchers to dispatch on all three County LMR systems.

The County assessed its current radio systems, developed specifications, and released an RFP for vendor bidding on November 22, 2019.

The Public Safety Radio System RFP included the following systems:

1. P25 Phase 2 Standards Based Radio Network consisting of:
 - A shared UHF (Ultra High Frequency) Project 25 (P25) digital trunked radio system. P25 is a suite of standards for digital mobile radio communications designed for use by public safety organizations.
 - An upgrade of the existing Fire VHF (Very High Frequency) system with like technology for use by Fire and EMS.
2. Equipment Sites: Identification of New Sites for Acquisition and Development to provide improved coverage.
3. Microwave Backhaul: Providing transmission site connectivity for radio transmission.
4. Subscribers: Handheld and vehicle mobile radios used by County agencies.
5. Dispatch & Call Logging System: Emergency 911 centers for Sheriff and Fire Dispatch.
6. Prime contractors only for all RFP related work including permits, drawings, FCC frequency interface
7. Fifteen year lifecycle with a two year warranty.

Three proposals were received. Each Proposal was evaluated using the Evaluation Criteria outlined in the RFP. Capital costs ranged from \$19 Million to \$29.5 Million, while 15-year total lifecycle costs ranged from \$25.9 Million to \$42.5 Million.

The following are vendor rankings and points.

1	EF Johnson	81.98
2	Motorola Solutions	79.59
3	L3Harris Technologies	76.46

Both, the Selection, and the Steering Committees, consisting of County’s stakeholders from Fire, sheriff, General Services, EMS, and CEO’s office determined that the proposal from EF Johnson having the best overall rankings and points is the most advantageous to the County.

General Services’ staff recommendations include the following:

1. Execute attached Professional Services Agreement (PSA) with EF Johnson, to provide final detailed design, equipment, and installation for the Public Safety Radio System.
2. Return to the Board to discuss funding and phasing options with final detailed design for the Public Safety Radio System Replacement, estimated return date is January 2022.

Performance Measure:

The performance measures are prescribed in the attached Exhibit A Scope of Services of the Agreement.

Fiscal and Facilities Impacts:

Budgeted: Funds are available; Budget Revision 0007711 is attached for approval and will allocate the available funds in the Communications Services Fund – Capital Replacement account for FY 2021-22 costs.

Fiscal Analysis:

<u>Funding Sources</u>	<u>FY 2021-22 Cost</u>	<u>FY 2022-23 & FY 2023-24 Cost</u>	<u>FY 2024-25 Cost</u>	<u>Total</u>
Debt Financing		\$23.7M	\$3.88M	\$27.58M
Communications Services Fund 1919	\$ 2.66M			\$2.66M
Total	\$ 2.66M	\$23.7M	\$3.88M	\$30.24M

Narrative:

Approval and execution of this Agreement will result in contract expenditures not to exceed \$2.66M for Phase I and 2A, funded with Communications Services Internal Service Fund Capital Replacement funds, in Fiscal Year 2021-22.

The funding source for FY 2022-23 through FY 2024-25 for the remaining costs will be Debt Financing, allocated as follows:

- FY 2022-23 to FY 2023-24: \$23.7M for Phases 2-B, 3A, and 3B
- FY 2024-25: \$3.88M for Phase 4

Key Contract Risks:

N/A

Staffing Impacts: None

Special Instructions:

Provide two (2) duplicate originals of the PSA and a Minute Order to Carl Thornton, Communications Manager, General Services Department.

Attachments:

- Attachment 1 - PSRN System and Installation Contract
- Attachment 2 - ExhibitA-1_Vol_IofV_SystemDesign
- Attachment 3 - ExhibitA-1_Vol_IIofV_Install_and_ProjSchedule
- Attachment 4 - ExhibitA-1_Vol_IIIofV_Dispatch
- Attachment 5 - ExhibitA-1_Vol_IVofV_Subscriber
- Attachment 6 - ExhibitA-1_Vol_VofV_Warr&Maint
- Attachment 7 - Exhibit A-2 Proposal Documents dated May 14, 2020
- Attachment 8 - Exhibit B-1 Payment Arrangements
- Attachment 9 - Exhibit B-2 Pricing Workbook
- Attachment 10 - Exhibit C Santa Barbara Public Safety Radio Network Request for Proposal (RFP) #810131
- Attachment 11 - Exhibit D Indemnification and Insurance Requirements
- Attachment 12 - Exhibit E Performance Bond
- Attachment 13 - Exhibit F D/MBE/WBE Implementation Guidelines
- Attachment 14 - Exhibit G Federal Terms and Conditions
- Attachment 15 - Exhibit H Applicability
- Attachment 16 - Exhibit I Final Design Acceptance Certificate for Phase I
- Attachment 17 - Exhibit J Final System Acceptance
- Attachment 18 – Protest Response to L3Harris Technologies
- Attachment 19 – Protest Response to Motorola Solutions
- Attachment 20 – Notice of Exemption
- Attachment 21 – BRR - #0007711

Authored by:

Carl Thornton, Communications Manager, General Services Department