BOARD OF SUPERVISORS
AGENDA LETTER

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

Agenda Number:

Department Name:	General Services
Department No.:	063
For Agenda Of:	June 16, 2020
Placement:	Administrative
Estimated Tme:	
Continued Item:	No
If Yes, date from:	
Vote Required:	Majority

TO: Board of Supervisors

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

SUBJECT: **Public Safety Radio System Replacement Contractor Agreement Extension**

County Counsel Concurrence
As to form: Yes

Auditor-Controller Concurrence
As to form: Yes

Other Concurrence: Risk Management
As to form: Yes

Recommended Actions:

That the Board of Supervisors:

a) Approve and authorize the Chair to execute the FIRST AMENDMENT TO THE AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR WITH FEDERAL ENGINEERING, INC. to extend the TERM an additional year until June 30, 2021 for consulting services associated with specification writing and management of the Request for Proposal for the Public Safety Radio System Replacement Project; and
b) Determine under CEQA Guidelines Section 15061(b) (3) that this activity is exempt from review on the basis that it can be seen with certainty that there is no possibility that the activity may have a significant effect on the environment.

Summary Text:

On February 5, 2019, the Board of Supervisors (Board) approved an AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR with Federal Engineering for specification writing and management of Request for Proposal (RFP) for the Public Safety Radio Replacement System.

CONTRACTOR has completed the specification writing phase and we are now in the Request for Proposal (RFP) phase. COUNTY had to extend the RFP response due date as well as the remaining RFP review steps, due to COVID-19.

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. The County needs to replace the Public Safety Radio System as it is at the end of its useful life. The replacement system must meet public safety standards for performance and reliability and provide robust radio communications for the next 10 to 20 years. The County will consider consolidating systems where it can provide efficiencies and reduce operating costs.

Federal Engineering has completed their assessment of the current radio communications environment and has defined the County's future operational requirements for all users of the Microwave and Simulcast systems. The Public Safety Radio System is comprised of the following systems: Land Mobile Radio (LMR), Microwave Backhaul, Simulcast and DC Power, in addition to a Network Monitoring system. General Services installed elements of the Alcatel, and Motorola systems beginning in 1994 with the core system completed by 1998.

Based on the outcome of the study, Federal Engineering recommends the County replace the existing Sheriff, EMS, and LG LMR systems with 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. P25 radios are a direct replacement for analog UHF radios but add the ability to transfer data as well as voice. The County would upgrade the existing Fire VHF (Very High Frequency) system with like technology for use by Fire and EMS. EMS communications with the hospitals would shift to the UHF trunked system.

Federal Engineering's recommendation is based on the following factors:

1. The UHF P25 trunked system is the latest, standards-based LMR technology.
2. The shared UHF P25 trunked radio system as recommended would have less channel congestion (i.e. busies) than conventional systems. A P25 Phase 2 trunked radio system provides two talk paths per channel as compared to one talk path per channel for conventional systems and due to system automation, trunked radio systems are more efficient in the way that they assign radio channels.
3. The recommended system substantially addresses stakeholder requirements for an estimated capital cost of $48.7 million, 15-year operational cost of $32.6 million, and a total estimated cost of $81.3 million.

Performance Measure:

As outlined in Section 7 Standard of Performance in the Agreement for Services, Federal Engineering continues to perform in the manner and according to the standards observed by a competent practitioner of the same profession. Federal Engineering has performed per agreement and it is anticipated the quality of their product will meet the County's expectations.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

Narrative:

The AGREEMENT FOR SERVICES OF INDEPENDENT CONTRACTOR already signed is for not to exceed amount of $86,997.00, which is not changing.

Key Contract Risks:
N/A

Staffing Impacts: None

Special Instructions:

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

Attachments:

1. Amendment to the Agreement with Federal Engineering, Inc. (1 Original; 1 Duplicate Original)

Authored by:
Carl Thornton, Communications Manager, General Services Department