



City of Palo Alto

City Council Staff Report

(ID # 9090)

Report Type: Consent Calendar

Meeting Date: 6/11/2018

Summary Title: OES Network & Wireless Consulting Contract

Title: Approval of Amendment Number One for Contract Number S16163447 with Brad Horak Consulting to Provide Public Safety Communications Services, Extending the Period of Performance by Two Years, and increasing the Total Contract Value by \$40,000 to a Not-to-Exceed \$100,000

From: City Manager

Lead Department: Office of Emergency Services

Recommendation

Staff recommends that Council approve and authorize the City Manager or his designee to execute Amendment 1 on contract S16163447 with Brad Horak Consulting to extend the period of performance by two years, and increase the total contract value by \$40,000 to not-to-exceed \$100,000.

Background

Palo Alto OES initiated this contract in April 2016 with a three-year period of performance at a cost of \$60,000. It is a professional services contract for wireless and mobile network communications consulting to maintain and enhance the City's Public Safety capabilities, broader emergency response, and recovery applications.

Discussion

Given the increasing use of technology in mission-critical public safety applications, having technical expertise becomes necessary to assist our departments in the development and management of technological solutions. Over this past period of performance OES has been able to leverage this contract to:

- assist in the planning of the Public Safety Wireless Network project including the network architecture for mobile and fixed sites, including 4.9GHz and other frequencies and network protocols (WiMax, etc.),
- evaluate the efforts of the CTC Wireless / Fiber to the Home vendor study and providing recommendations on implementation opportunities.

- provide recommendations in the use of wireless technologies for the public safety vehicle fleet and fixed facilities; conduct related research and determine network configurations to assist in the implementation of such recommendations.
- evaluate existing networks and interoperability with microwave, satellite, fiber, and other connectivity, both internal to the City as well as to the Internet and other agencies.
- evaluate options for improving network resilience among EOCs and 9-1-1 centers in the northern Santa Clara County area.
- provide required radio communications design, implementation, operational, and maintenance support for the Mobile Emergency Operations Center.
- assist OES staff in maintaining telecommunications systems and provide communications technician assistance during MEOC deployments on an ad hoc basis.

To meet these needs, OES initiated this contract in April 2016 for three years for a total of \$60,000. The period of performance ends on April 3, 2019. However, OES requires additional services to allow this vendor to continue with projects and efforts already underway. Additionally this vendor will assist with new applications such as the Nationwide Public Safety Broadband Network (NPSBN also known as “FirstNet”). The pace of public safety innovations continues to increase, and with it, so does our local capabilities to maintain this pace.

Resource Impact

The total five-year cost of \$100,000 is available in OES operating funds, which includes \$40,000 allocated in fiscal years 2019-2021.

Attachments:

- ATTACHMENT A - Brad Horak Consulting

ATTACHMENT A

**AMENDMENT NO. ONE TO CONTRACT NO. S16163447
BETWEEN THE CITY OF PALO ALTO AND
BRAD HORAK CONSULTING**

This Amendment No. One to Contract No. S16163447 (“Contract”) is entered into June 11, 2018, by and between the CITY OF PALO ALTO, a California chartered municipal corporation (“CITY”), and BRAD HORAK CONSULTING, a sole proprietor, located at P.O. Box 60700, Palo Alto, CA 94306 (“CONSULTANT”).

RECITALS

A. The Contract was entered into between the Parties for the CONSULTANT to provide of enhancement of wireless and mobile network communications for Public Safety capabilities and larger emergency response and recovery applications.

B. The Parties now desire to increase the “Not-to-Exceed” amount under the Contract by Forty Thousand Dollars (\$40,000) from Sixty Thousand Dollars (\$60,000) to a “Not-to-Exceed” amount of One Hundred Thousand Dollars (\$100,000).

C. The Parties now also desire to extend the Term of the Contract by two years from its current expiration date of April 3, 2019 to April 3, 2021.

NOW, THEREFORE, in consideration of the covenants, terms, conditions, and provisions of this Amendment, the parties agree:

SECTION 1. Section 2. TERM is hereby amended to read as follows:

“SECTION 2. TERM. The term of this Agreement shall be from the date of its full execution through April 3, 2021 unless terminated earlier pursuant to Section 19 of this Agreement.”

SECTION 2. Section 4. NOT TO EXCEED COMPENSATION is hereby amended to read as follows:

“SECTION 4. NOT TO EXCEED COMPENSATION. The compensation to be paid to CONSULTANT for performance of the Services described in Exhibit “A”, including both payment for professional services and reimbursable expenses shall not exceed One Hundred Thousand Dollars (\$100,000).”

SECTION 3. The following exhibit(s) to the Contract is/are hereby amended to read as set forth in the attachment(s) to this Amendment, which are incorporated in full by this reference:

- a. Exhibit "A" entitled "SCOPE OF WORK".

SECTION 4. Except as herein modified, all other provisions of the Contract, including any exhibits and subsequent amendments thereto, shall remain in full force and effect.

IN WITNESS WHEREOF, the parties hereto have by their duly authorized representatives executed this Agreement on the date first above written.

CITY OF PALO ALTO

City Manager or designee

APPROVED AS TO FORM:

City Attorney or designee

BRAD HORAK CONSULTING

By: 
Name: Brad Horak

Title: Consultant

Attachments:

EXHIBIT "A": SCOPE OF WORK

**EXHIBIT “A”
SCOPE OF SERVICES**

Consultant shall work with the City of Palo Alto's Office of Emergency Services (OES), in coordination with other Public Safety departments, on the following projects and topics:

1. Public Safety Wireless Networks: review vendors and network architecture for mobile and fixed sites, including 4.9GHz and other frequencies and network protocols (WiMax, etc.)
 - a. Follow the CTC Wireless / Fiber to the Home vendor study to include follow on phases, review consultant and staff reports, and provide recommendations on implementation opportunities.
 - b. Provide recommendations in the use of wireless technologies for the public safety vehicle fleet and if necessary fixed facilities; conduct related research and determine network configurations to assist in the implementation of such recommendations.
2. Emergency data network resilience: evaluate existing networks and interoperability with microwave, satellite, fiber, and other connectivity, both internal to the City as well as to the Internet and other agencies.
 - a. Provide recommendations in the implementation of a terrestrial satellite system that provides redundant data connectivity to essential city and business continuity operations in the absence of conventional fiber networks.
3. Public Safety Answering Point (PSAP) 911 Center connectivity:
 - a. evaluate options for improving network resilience among PSAPs in the northern Santa Clara County area.
 - b. Advise on feasibility/represent public safety interests in terms of wireless planning being conducted by City / Regional organizations.
4. Provide radio communications support for the Mobile Emergency Operations Center. Assist OES staff in maintaining radio systems and provide communications technician assistance during MEOC deployments on an ad hoc basis.