



# Monterey County

Board of Supervisors  
Chambers  
168 W. Alisal St., 1st Floor  
Salinas, CA 93901

## Board Report

Legistar File Number: A 20-062

April 21, 2020

**Introduced:** 3/17/2020

**Current Status:** General Government -  
Consent

**Version:** 1

**Matter Type:** BoS Agreement

- a. Authorize the Director of the Information Technology Department to execute a Professional Services Agreement with Aviat U.S., Inc. to provide microwave backhaul upgrade planning, design, and construction of an enterprise and public safety grade microwave system, for the period April 7, 2020 through June 30, 2022 for a total contract amount of \$3,303,737;
- b. Authorize the Director of Information Technology to execute change orders and order forms as necessary to secure services as required by the County; and
- c. Authorize the Director of Information Technology to sign up to two (2) amendments to this Agreement, to extend the term by one (1) year and/or where the increase in the amount of each amendment does not exceed ten percent of the original cost (\$330,373 maximum increase per amendment) and where the amendments do not significantly change the scope of work and do not alter the non-standard terms of the Agreement.

### RECOMMENDATION:

It is recommended that the Board of Supervisors:

- a. Authorize the Director of the Information Technology Department to execute a Professional Services Agreement with Aviat U.S., Inc. to provide microwave backhaul upgrade planning, design, and construction of an enterprise and public safety grade microwave system, for the period April 7, 2020 through June 30, 2022 for a total contract amount of \$3,303,737;
- b. Authorize the Director of Information Technology to execute change orders and order forms as necessary to secure services as required by the County; and
- c. Authorize the Director of Information Technology to sign up to two (2) amendments to this Agreement, to extend the term by one (1) year and/or where the increase in the amount of each amendment does not exceed ten percent of the original cost (\$330,373 maximum increase per amendment) and where the amendments do not significantly change the scope of work and do not alter the non-standard terms of the Agreement.

### SUMMARY:

In February of 2017, the Information Technology Department (ITD) released a Request for Quote (RFQ) seeking quotations for the upgrade planning, design, and construction of an enterprise and public safety grade microwave system. Aviat U.S., Inc. was selected as the most qualified vendor to perform the services required.

Aviat U.S., Inc. was selected as the most qualified vendor to perform a microwave backhaul upgrade through a competitive bidding process. Aviat will be responsible for the upgrade of 27 microwave links that will be executed in three distinct phases across three fiscal years. The project scope includes frequency planning and licensing, site surveys, path analysis, project engineering, project management,

installation, and testing.

DISCUSSION:

The County's microwave network supports network, telecommunications, and radio communications for public safety, first responders, and 911 dispatch traffic either as a primary or redundant path. The microwave network is currently outdated and out of warranty. The current system is maintained with refurbished parts and needs to be upgraded to properly support forthcoming upgrades in the technologies that will require microwave support.

As defined in its Request for Quote (RFQ), the County objectives include improving existing County services through deployment of scalable, robust, manageable, high performance public safety grade microwave solutions. Aviat's solution shall establish an equipment standard enhancing the County microwave systems' reliability, availability, and alleviate single points of failure via implementation of proven microwave technology. Additionally, Aviat's detailed assessment and analysis of the County's infrastructure, topology, and geography shall result in a microwave upgrade plan which identifies where decommissioning, upgrade(s), replacement(s), and/or new microwave systems are proposed and how the County can migrate to the new microwave systems while minimizing impact to public safety communications.

Execution of the project will occur in three phases over three fiscal years starting in Fiscal Year 19-20. Phase 1 of the project will involve path surveys and installation of eight of the highest priority links in the Salinas area and the Monterey Peninsula. Phase 2 will upgrade the next eleven priority links in the North County, South County and additional links in the Monterey Peninsula. The third and final phase will upgrade 5 links that are currently supporting the Next Generation public safety radio system. At the conclusion of each phase, the links will undergo extensive testing by Aviat before they are transitioned to the County for operational use.

OTHER AGENCY INVOLVEMENT:

County Counsel has reviewed the standard County agreement and the referenced Statement of Work negotiated by the parties. County Counsel does not approve the vendor-generated Statement of Work with non-standard terms and conditions.

FINANCING:

This request is a part of ITD CIP projects, and funds in the amount of \$1,020,653 have been included in the FY 19-20 Adopted Budget for the Information Technology Department 1930, Budget Unit 8436, Appropriation unit INF002. The balance of the project cost will be included in future fiscal years ITD's CIP requested budget.

BOARD OF SUPERVISORS STRATEGIC INITIATIVES:

The microwave backhaul upgrade project delivers on two key ITD strategic initiatives. First, this project will deliver a Monterey County microwave infrastructure will replace the current system with a robust, highly redundant, state of the art microwave system. Second, the upgrade will ensure that Monterey County and first responders' communication systems are highly reliable and will enable the support of future technologies for many years to follow.

- Economic Development
- Administration
- Health & Human Services
- Infrastructure
- Public Safety

Prepared by: Lynnette Beardsall, Management Analyst II, 759-6938

Approved by:

Eric A. Chatham Date: 3/31/20  
Eric A. Chatham, Director of Information Technology, 759-6920

Attachments:

Aviat U.S., Inc. Professional Services Agreement

Attachments on file with Clerk of the Board