

STAFF REPORT

SUBJECT: Radio Communications Equipment Procurement
FROM: David Massa, Senior Fleet & Technology Management Specialist
DATE: December 2, 2019

Action Requested

Approve the contract award for the purchase and delivery of Replacement Radios and associated hardware/software, to Harris Corporation, of Lynchburg, Virginia.

Background

In 2011, the LAVTA Board of Directors authorized staff to join East Bay Regional Communications System, P-25 network herein known as EBRCS and take the necessary steps to convert radio voice communications to the new system. In late 2012 that transition took place.

The current voice network operated by the EBRCS is scheduled to begin transitioning from radio transmission in FDMA (Frequency Division Multiple Access) format to TDMA (Time Division Multiple Access) in mid-2020 herein referred to as TDMA. LAVTA's current radios do not support TDMA. This will require LAVTA to replace all radios that the agency owns with radios capable of handling the new TDMA standard in order to continue utilizing EBRCS.

Discussion

It should be noted that the Tait 9400 Series Radio available from Harris Corporation, is the only radio available that meets both the EBRCS TDMA specifications and the specifications required for LAVTA's current ITS system. These will be purchased through the National Association of State Procurement Officials (NASPO) (Formerly WSCA) contract/master agreement #06913.

Budget

The Board-approved FY2020 Capital Budget included the funding for this project. The funding source is local funds (TDA).

Next Steps

Upon Board approval of this purchase, LAVTA Executive Director and Legal Counsel will complete the contract documents for submittal to Harris Corporation to initiate the building of the radios per LAVTA's specifications.

Recommendation

Staff recommends the Board of Directors approve the contract award for the purchase and delivery of Replacement Radios and associated hardware/software, to Harris Corporation, of Lynchburg, Virginia, in the amount of \$228,587.62 plus applicable sales taxes and shipping costs.

Attachments:

1. Resolution 29-2019 Resolution Authorizing the Purchase of Replacement Radios and Associated Hardware/Software

Approved: _____

RESOLUTION NO. 29-2019

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
AUTHORIZING THE PURCHASE OF REPLACEMENT PROJECT 25 RADIOS
AND ASSOCIATED HARDWARE/SOFTWARE FROM HARRIS
CORPORATION**

WHEREAS, LAVTA owns a fleet of buses that utilize radio communication devices to track and monitor said buses based on a communications system in coordination with East Bay Regional Communications System P-25 network (EBRCS); and

WHEREAS, the current system operated by the EBRCS is scheduled to begin transitioning from radio transmission in Frequency Division Multiple Access (FDMA) format to Time Division Multiple Access (TDMA) in mid-2020; and

WHEREAS, the radios that LAVTA currently utilizes are not capable of transmitting in the TDMA format; and

WHEREAS, an existing National Association of State Procurement Officials (NASPO) (Formerly WSCA) contract/master agreement #06913 with Harris Corporation is available to LAVTA for the purchase of radios and associated hardware/software needed for the radio replacement project; and

WHEREAS, staff recommends that the Board of Directors award a contract to Harris Corporation for the purchase and delivery of replacement radios and associated hardware/software in the amount of \$228,587.62 plus sales taxes and shipping costs.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Livermore Amador Valley Transit Authority that the Executive Director may enter into a contract with Harris Corporation for \$228,587.62 plus applicable sales tax and shipping, for the purchase and delivery of replacement radios and associated hardware/software.

PASSED AND ADOPTED this 2nd day of December, 2019.

BY _____
David Haubert, Chair

ATTEST _____
Michael Tree, Executive Director