


Date: June 27, 2018

To: Board of Directors

From: Doug Kelsey 

Subject: **RESOLUTION 18-06-50 OF THE TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON (TRIMET) AUTHORIZING A CONTRACT WITH HARRIS CORPORATION FOR RADIO NETWORK MANAGED SERVICES**

1. Purpose of Item

The purpose of this item is to request that the TriMet Board of Directors (Board) adopt a resolution authorizing the General Manager to execute a contract with Harris Corporation (Harris) for the monitoring and management of TriMet’s Land Mobile Radio (LMR) System.

2. Type of Agenda Item

- Initial Contract
- Contract Modification
- Other _____

3. Reason for Board Action

Board approval is required for goods and services contracts obligating TriMet to pay in excess of \$1,000,000.

4. Type of Action

- Resolution
- Ordinance 1st Reading
- Ordinance 2nd Reading
- Other _____

5. Background

TriMet’s LMR System is a mission critical, high priority system. It is essential to TriMet operations and supports approximately 2,108 users divided in the following ways:

- 700 radio mobiles in buses;
- 250 radio mobiles in light rail trains;
- 97 radio mobiles in non-revenue vehicles (supervisors);
- 268 radio mobiles in para-transit vehicles;
- 658 portable radios for supervisors, transit police, security, and other personnel on foot; and
- 63 mobile radios installed in fixed locations for operations and inside buildings.

The LMR System comprises nine sites, two of which are control sites and seven of which are radio sites interconnected by a combination of the TriMet private microwave links and the TriMet IT fiber network:

- Center Street – Primary Control (High Availability Node)
- Junction – Backup Control (Cold Standby Node)
- Council Crest - Radio Site 1
- Mount Scott - Radio Site 2
- Pete’s Mountain - Radio Site 3
- Polivka - Radio Site 4
- Bald Peak - Radio Site 5
- Livingston - Radio Site 6
- Hillsboro - Radio Site 7

In June 2015, the Board approved a three year sole source contract with Tait Communications for the management and monitoring of the LMR System. Tait Communication provides managed services, server management (including change management; asset management; and capacity management) and site administration (including site training and Tait support staff). Tait Communications was uniquely qualified to provide these services because the LMR network utilizes Tait Communications P25 radios.

6. Procurement Process

As a result of a strategic partnership between Harris and Tait Communications, North American entities can no longer contract directly with Tait Communications. Therefore, this resolution will authorize a sole-source contract for radio network managed services by Harris as the only distributor of Tait Communications products in North America. Under the new contract, Tait Communications will continue to provide services as a subcontractor to Harris.

Prior to executing the current contract with Tait Communications, TriMet engaged the services of IBI Group to provide an independent technical and cost analysis of Tait’s pricing. IBI concluded that Tait was ideally suited to provide management and monitoring of the new radio network and that the proposed cost was significantly lower than any other available option. The pricing for the new contract is based on the previous pricing, with increases to account for inflation and additional monitoring services. Pricing was deemed fair and reasonable based on previous prices paid, as well as a review of prices paid by other agencies for similar services.

7. Diversity

Harris will subcontract the work to Tait Communications. Tait Communications currently employs approximately 60 people, 26 of whom are women or minorities. Additionally, two of the top three upper management roles are held by women and/or minorities. Six out of ten members of the Regional Leadership Team are women and/or minorities.

8. Financial/Budget Impact

The total cost of the contract is \$1,150,350, which is approximately \$383,450 per year with adjustments for inflation. The costs of these services is included in the Field Operations department budget in the Operations division for fiscal years 2019-2021.

9. Impact if Not Approved

TriMet could seek to procure these services on the open market. However, the radio system implemented by TriMet is designed for transit use and is not a standard LMR configuration. Harris, as the North American representative of Tait Communications, is uniquely qualified to provide these services, is better situated to respond to the needs of the system, and does so at the most cost effective price. This is a critical system that must continue to be monitored and managed 24/7.

RESOLUTION 18-06-50

RESOLUTION OF THE TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON (TRIMET) AUTHORIZING A CONTRACT WITH HARRIS CORPORATION FOR RADIO NETWORK MANAGED SERVICES

WHEREAS, TriMet has authority under ORS 267.200 to execute a contract with Harris Corporation for the management and monitoring of the mobile radio network (Contract); and

WHEREAS, the total amount of the Contract shall exceed \$1,000,000; and

WHEREAS, the TriMet Board of Directors (Board), by Resolution dated October 25, 2017, adopted a Statement of Policies requiring the Board to authorize goods and services contracts obligating TriMet to pay in excess of \$1,000,000;

NOW, THEREFORE, BE IT RESOLVED:

1. That the Contract shall be in conformance with applicable laws.
2. That the General Manager or his designee is authorized to execute the Contract in an amount not to exceed \$1,150,350.

Dated: June 27, 2018

Presiding Officer

Attest:

Recording Secretary

Approved as to Legal Sufficiency:



Legal Department