

Date: June 28, 2023

To: Board of Directors

From: Sam Desue, Jr.

Subject: RESOLUTION NO. 23-06-22 OF THE TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON (TRIMET) AUTHORIZING A CONTRACT MODIFICATION WITH TECHNOLOGY INTEGRATION GROUP (TIG) FOR PROCUREMENT, IMPLEMENTATION, INSTALLATION AND WARRANTY SERVICES FOR MOBILE ACCESS ROUTER (MAR) EQUIPMENT

1. Purpose of Item

This Resolution requests that the TriMet Board of Directors (Board) authorize the General Manager or his designee to execute a contract modification (Modification) with Technology Integration Group (TIG) for ongoing Procurement, Implementation, Installation and Warranty Services for Mobile Access Router (MAR) equipment, including the MAR-Scripting Environment and MAR-Central Management Interface.

Type of Agenda Item

- Initial Contract
- Contract Modification
- Other _____

2. Type of Contract Procurement

- Low Bid / Invitation to Bid (ITB)
- Request for Proposals (RFP) (inc. CM/GC)
- Request for Qualifications (RFQ) (Personal Services)
- Other (inc. sole source):

3. Reason for Board Action

Board authorization is required for all contract modifications causing contract amounts to exceed amounts previously authorized by the Board.

4. Type of Action

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

5. Background

TriMet uses a Mobile Access Router (MAR) on a revenue service vehicle to provide a communications link from the vehicle’s Intelligent Transportation System (ITS) equipment to the outside world. It also routes ITS Ethernet traffic within the vehicle. This includes, but is not limited to the following ITS equipment: the Computer-Aided Dispatch/Automatic

Vehicle Location system; the Closed-Circuit Television Network Video Recorder ; the Electronic Fare system (i.e. Hop validator); the Automatic Passenger Counter system; and the Passenger Information Displays, both inside and outside the bus.

The original TIG contract for MAR- related technologies was approved in April 2021 via Resolution No. 21-04-17, for the amount of \$2,416,671 over a ten-year contract term. As part of federal State of Good Repair and Transit Asset Management requirements, TriMet has established a replacement schedule for the existing MAR which is based on its expected life cycle (7 years). MAR equipment has recently been updated across the fleet under this contract, and going forward, MARs will be replaced throughout the life of the contract on a planned replacement schedule (approximately 1/7 of the fleet annually). The additional funding provided by this Resolution will allow TriMet to stay on its planned MAR replacement schedule.

TIG will be responsible for decommissioning and disposing of the existing MARs, installing the replacements, as well as providing training, documentation and any customization of the system to accommodate TriMet's requirements. The MAR-CMI (Central Management Interface) provided under this Contract for the bus retrofit will become the new standard for managing all MARs on all TriMet vehicles. Future vehicle orders will also require the inclusion of the MAR selected under this contract.

Additional costs have been incurred due to design improvements to the ITS Relay Hub, the purchase of a cable necessary to complete the project, and software improvements to support the function and maintenance of the new router.

The Modification proposed by this Resolution will increase the authorized amount of the TIG contract by \$583,329, raising the current contract amount of \$2,416,671 to a new total amount of \$3,000,000. The additional funding will pay for further software improvements needed to support the maintenance of the new equipment, as well as allow a contingency for potential issues that may arise during the completion of the project.

6. Description of Procurement Process

This contract was procured via a Request for Proposal (RFP) process.

7. Diversity

TIG's workforce is 31.7% minority and 35.9% female; its total employee count is 239. TIG is self-performing most of the work.

8. Financial/Budget Impact

The cost of this Modification can be accommodated by the existing Information Technology Division budget for the MAR project.

9. Impact if Not Approved

Failure to approve this Resolution will impair TriMet's ability to complete the MAR project.

RESOLUTION NO. 23-06-22

RESOLUTION NO. 23-06-22 OF THE TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON (TRIMET) AUTHORIZING A CONTRACT MODIFICATION WITH TECHNOLOGY INTEGRATION GROUP (TIG) FOR PROCUREMENT, IMPLEMENTATION, INSTALLATION AND WARRANTY SERVICES FOR MOBILE ACCESS ROUTER (MAR) EQUIPMENT

WHEREAS, TriMet has authority under ORS 267.200 to enter into a contract modification (Modification) with Technology Integration Group (TIG) for Procurement, Implementation, Installation and Warranty Services for Mobile Access Router (MAR) equipment, including the MAR-Scripting Environment and MAR-Central Management Interface; and

WHEREAS, by Resolution No. 22-05-35, dated May 25, 2022, the TriMet Board of Directors (Board) adopted a Statement of Policies requiring the Board to approve contracts obligating TriMet to pay in excess of \$1,000,000; and

WHEREAS, the total amount of this Modification exceeds the contract amount previously authorized by the Board;

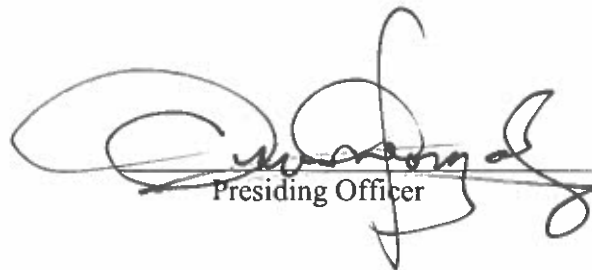
NOW, THEREFORE, BE IT RESOLVED:

1. That the Modification shall conform with applicable law.
2. That the General Manager or his designee is authorized to execute a Modification to the contract with TIG, increasing the contract amount from \$2,416,671 to \$3,000,000, through the contract's April 28, 2031, termination date.

Dated: June 28, 2023

Attest:


Recording Secretary


Presiding Officer

Approved as to Legal Sufficiency:


Legal Department