

Date: September 25, 2013

To: Board of Directors

From: Neil McFarlane

Subject: RESOLUTION 13-09-56 OF THE TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON (TRIMET) AUTHORIZING A CONTRACT WITH WOJIN IS AMERICA INC. FOR COMMUNICATION SYSTEM RETROFITS ON TYPE 1, 2 AND 3 LIGHT RAIL VEHICLES

1. Issue or Purpose of the Item.

The purpose of this item is to request that the TriMet Board of Directors (“Board”) authorize the General Manager to execute a contract with Woojin IS America Inc. for the Communication System Retrofit for Type 1, 2 and 3 light rail vehicles (“LRVs”).

2. Reason for Board Action.

Board authorization is required for all goods and services contracts obligating TriMet to pay in excess of \$500,000.

3. Background.

The LRVs that currently operate on TriMet’s light rail system are grouped according to four different fleet types, based on their purchase date/project. These vehicles are referred to as Types 1, 2, 3 and 4. Each type has an on-board communication system that provides automatic announcements and displays the train’s destination, next stop, and other passenger information, as well as internal and external audio communications. The on-board communication system on TriMet’s Type 1, 2 and 3 vehicles is operating at capacity and cannot accommodate the additional data required for TriMet to operate the Portland-Milwaukie Light Rail project (“Project”), necessitating a communications retrofit.

This contract is for the design, engineering and furnishing of equipment for all 105 Type 1 through 3 LRVs, including all associated training, warranty and system support. This contract also includes installation and qualification testing of prototype communication systems on three LRVs prior to fleetwide installation. The scope of work also includes an option to install the communication system on the remaining 102 LRVs, along with spare parts and other equipment for each type of LRV.

TriMet issued a Request for Proposals (“RFP”) on April 22, 2013. The technical scoring criteria set forth in the RFP included: (1) Qualifications/Experience of Proposer Staff, and Diversity; (2) Work Plan; (3) Systems Description and System Hardware; and (4) Installation and System Support. The RFP also required compliance with federal Buy America Rolling Stock Provisions.

TriMet appointed an Evaluation Committee (“EC”) comprised of staff from TriMet’s Capital Projects, Rail Operations (Maintenance/Operations) and Transit Diversity and Equity divisions and the City of Portland Streetcar (Portland Streetcar Inc.). EC members were selected based on their expertise, experience and knowledge, and were instructed to follow strict procedures and guidelines in reviewing and scoring the proposals.

In response to its RFP, TriMet received proposals from Los Alamos Technical Associates (“LATA”), Siemens Infrastructure and Cities, Rail Systems Division (“Siemens”), Woojin IS America Inc. (“Woojin”) and RL Controls, LLC (“RLC”).

The EC evaluated the technical proposals, then opened each proposer’s price proposal and completed the scoring of the proposals. Pricing scores were awarded based on the total price, including options. At the conclusion of this step of the process, it was determined that LATA, Siemens and Woojin were within the competitive range. The EC then held discussions with each of the three remaining firms and issued a Request for Best and Final Offers (“RBAFO”) on July 22, 2013.

BAFOs were received on August 23, 2013. The EC evaluated the BAFOs in accordance with the procedures and evaluation criteria established in the RFP and the RBAFO, including both technical and price components. At the conclusion of the BAFO phase, it was determined that LATA did not price a specification-compliant system, and was therefore not eligible for award. The BAFO scores for Siemens and Woojin were as follows:

Proposer	Technical Score	Base Price	Price with Options	Price Score	Total Score
Woojin	84.1	\$6,434,902	\$8,354,015	76.9	161
Siemens	82.4	\$7,673,867	\$8,862,317	69.5	151.9

The proposal from Woojin was selected because it received the highest overall score. The proposed base contract price is 14 percent less than TriMet’s fair cost estimate.

This Resolution authorizes TriMet to execute an initial contract with Woojin for the contract base price amount of \$6,434,902, which will include the materials for the 105 vehicle fleet, plus installation on the three prototype vehicles. This resolution also includes authority to execute contract modifications for contingency costs in an amount not to exceed \$643,500 (10 percent of the base contract amount). The contingency is necessary due to the complexity of the work to be performed under this contract.

In the event TriMet elects to exercise the contract option for installation of the communications system on the remaining 102 LRVs, plus purchases of spare parts and other equipment, it will return to the Board for increased authorization to do so. TriMet believes it is advantageous to complete the three prototypes before making its decision on the remainder of the Type 1-3 fleet. If TriMet exercises the contract option, Woojin expects that it will be able to achieve approximately 15 percent DBE subcontractor utilization for the installation work.

This contract, including the initial phase plus the full fleet installation, if elected, will be funded by the PMLR Project, and the contract amount is within the Project budget for this work.

4. Options.

TriMet's options are limited. The communications systems on the Type 1, 2 and 3 LRVs are at the end of their useful life. Further, the schedule to accomplish this work is directly related to the opening of the Project in 2015. Existing roller-curtain destination displays on the LRVs will not have the capacity to identify Portland-Milwaukie light rail destinations, effectively negating the ability of these LRVs to serve the new line.

5. Recommendation.

The General Manager recommends that the Board approve the Resolution.

RESOLUTION 13-09-56

RESOLUTION OF THE TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON (TRIMET) AUTHORIZING A CONTRACT WITH WOJIN IS AMERICA INC. FOR COMMUNICATIONS SYSTEM RETROFITS ON TYPE 1, 2 AND 3 LIGHT RAIL VEHICLES

WHEREAS, TriMet has authority under ORS 267.200 to enter into a contract and contract modifications for contingency costs with Woojin IS America Inc. (“Contract”); and

WHEREAS, the total amount of the Contract shall exceed \$500,000; and

WHEREAS, the TriMet Board of Directors (“Board”), by resolution dated November 25, 2009, adopted a Statement of Policies requiring the Board to approve goods and services contracts obligating TriMet to pay an amount in excess of \$500,000;

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.
3. That a contingency allowance is authorized for the Contract in an amount not to exceed \$643,500 and the General Manager or his designee is authorized to execute modifications to the Contract up to that authorized amount.

Dated: September 25, 2013

Presiding Officer

Attest:

Recording Secretary

Approved as to Legal Sufficiency:

Legal Department