

Date: June 23, 2019

To: Board of Directors



From: Sam Desue, Jr.

Subject: RESOLUTION NO. 21-06-28 OF THE TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON (TRIMET) AUTHORIZING ADDITIONAL CONTRACT AUTHORITY WITH PARAMETRIX, INC. FOR DESIGN SERVICES DURING CONSTRUCTION FOR THE MAX RED LINE EXTENSION AND RELIABILITY IMPROVEMENTS PROJECT

1. Purpose of Item

This Resolution requests that the TriMet Board of Directors (Board) authorize the Interim General Manager or his designee to execute a modification of a contract with Parametrix, Inc. (Parametrix) to add design services during construction (Contract Modification) of the MAX Red Line Extension and Reliability Improvements Project (Project).

2. Type of Agenda Item

- Initial Contract
 Contract Modification
 Other _____

3. Reason for Board Action

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

4. Type of Action

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

5. Background

This Project will extend service on the MAX Red Line beyond the Beaverton Transit Center to the Fair Complex Station, and construct improvements at the Gateway Transit Center and within the guideway to the Portland International Airport, thus improving service and reliable on-time performance along the entire MAX system.

By extending the Red Line further west from its current terminus at Beaverton Transit Center to a new terminus at the Fair Complex/Hillsboro Airport station, the Project will efficiently provide significant new light rail service to the communities of Beaverton and Hillsboro. The Project also

will improve reliability and on-time performance of the entire MAX light rail system by removing two major sources of delay: the single-track for the Red Line at Gateway Transit Center, and the single-track for the Red Line serving the Portland International Airport Station. By converting these sections to double-track, the Project will reduce delays by allowing MAX Light Rail Vehicles (LRVs) to come and go at the same time.

The Project includes the purchase of as many as four new Type 6 LRVs to operate on the extended system. This is in addition to the 26 previously-authorized Type 6 LRVs now being manufactured by Siemens Mobility, Inc.

Under the terms of the existing Parametrix contract, the Project has completed 100% design. However, Parametrix’ support will be needed during construction and its guidance is important to protect the engineering team from design errors during the construction phase of the Project.

6. Procurement Process

In accordance with a Qualifications-Based Selection, Parametrix was chosen as the contractor, then the direct labor costs and overall contract value for the original Parametrix contract were negotiated. Similarly, the costs for design services during construction also were negotiated, and are reflected below. The attached Resolution authorizes a modification of the Parametrix contract in an amount not to exceed \$1,760,000.

Original Board Approved Contract Authority (Res. No. 19-09-75)	\$13,600,000
Modification for Design Services During Construction (DSDC) Fees	\$1,600,000
DSDC Contingency (10%)	\$160,000
Additional Contract Authority Requested (Res. No. 21-06-28)	\$1,760,000

Final completion of construction for the Project is expected in 2024. Because this contract modification includes design services during construction, the final contract closeout will not occur until construction is finished.

7. Diversity

The Parametrix workforce is 10% minority and 38% female. In its initial proposal, Parametrix stated that its Disadvantaged Business Enterprise (DBE) participation goal was 19% of all work performed, and that it would utilize DBE subcontractors in the areas of systems safety, public engagement, lighting, civil engineering/utilities, permit coordination, landscape architecture, cost estimating, computer-aided drafting and design (CAD), and scheduling. At the completion of 100% design, Parametrix’ actual DBE participation was 19%. With the addition of the design services during construction, Parametrix anticipates that it will continue to meet the 19% DBE goal.

8. Financial/Budget Impact

Funds for design services during construction are included within TriMet’s Engineering and Construction budget for FY 2022-FY24.

9. Impact if Not Approved

If this Resolution is not approved, TriMet's alternative would be to hire additional staff to support design services during construction, and it would need to assume professional liability for any changes to design that may become necessary or otherwise occur during construction. Without Parametrix' continuing participation in the Project, costly delays during construction could result. Further, Parametrix has performed well on the Project to date, and hiring additional TriMet staff for design services during construction is not likely to achieve more cost-effective or superior design services.

RESOLUTION NO. 21-06-28

**RESOLUTION NO. 21-06-28 OF THE TRI-COUNTY METROPOLITAN
TRANSPORTATION DISTRICT OF OREGON (TRIMET) AUTHORIZING A
CONTRACT WITH PARAMETRIX, INC. FOR DESIGN SERVICES DURING
CONSTRUCTION FOR THE MAX RED LINE EXTENSION AND
RELIABILITY IMPROVEMENTS PROJECT**

WHEREAS, TriMet has authority under ORS 267.200 to enter into a modification of the Parametrix, Inc. contract for design services during construction (Contract Modification) of the Max Red Line Extension and Reliability Improvements Project (Project); and

WHEREAS, by Resolution dated October 25, 2017, the TriMet Board of Directors (Board) adopted a Statement of Policies requiring the Board to approve personal services contracts obligating TriMet to pay in excess of \$500,000; and

WHEREAS, the total amount of the Contract Modification will exceed \$500,000;

NOW, THEREFORE, BE IT RESOLVED:

1. That the Contract Modification shall conform with applicable law.
2. That the Interim General Manager or his designee is authorized to execute the Contract Modification in an amount not to exceed \$1,760,000, over the approximately three years remaining of the Project.

Dated: June 23, 2021

Presiding Officer

Attest:

Recording Secretary

Approved as to Legal Sufficiency:

Gregory E. Skillman

Legal Department