

**Board Report**

File #: 2016-0746, **File Type:** Contract**Agenda Number:** 18.

**CONSTRUCTION COMMITTEE
OCTOBER 20, 2016****SUBJECT: WESTSIDE PURPLE LINE EXTENSION PROJECT - SECTION 2****ACTION: AUTHORIZE THE CHIEF EXECUTIVE OFFICER (CEO) TO EXECUTE CONTRACT MODIFICATION****RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to execute Contract Modification No. 60 to Contract No. PS43502000 with Parsons Brinckerhoff (PB) to **provide continued design support services during construction for Section 2 of the Westside Purple Line Extension Project**, from November 2016 through June 2018, in an amount not-to-exceed \$9,551,411 increasing the total contract value from \$189,870,354 to \$199,421,765.

ISSUE

On December 31, 2014, the Federal Transit Administration (FTA) approved Metro's request for Section 2 of the Westside Purple Line Extension Project to enter the New Starts Engineering phase of the FTA Capital Investment Grant Program. With this approval, Metro has the automatic pre-award authority to incur costs for Engineering activities, demolition and other non-construction activities, such as the procurement of rails, ties, commodities, and other specialized equipment.

In addition, Metro has automatic pre-award authority to acquire real property, perform advanced utility relocations and procure rail vehicles, since the National Environmental Policy Act (NEPA) review process has been completed for the entire nine-mile Project.

In February 2015, the Board authorized the CEO to continue advanced preliminary engineering, design for advanced relocation of utilities, engineering support services during the design-build solicitation process, and design support services during the construction for Section 2 of the Westside Subway Extension Project under the services of Contract PS43502000, with PB. The design-build RFP solicitation documents were prepared as part of the C1120 Tunnels, Stations, Systems and Trackwork contract that is scheduled to be awarded by the Board in January 2017.

On August 4, 2016, Metro submitted a Full Funding Grant Agreement (FFGA) application for the Section 2 Project requesting the FTA to proceed with the necessary actions to finalize and execute

the FFGA with Metro. The FFGA is anticipated to be executed later this year and prior to the award of the C1120 contract.

This action will enable the consultant to provide critical design support during the early phases of the design build contract. Work will include review of design submittals, response to technical questions from the design builder, attendance at design taskforces and overall design support during construction. Use of PB brings a high level of consistency to design areas such as civil, structural, ventilation, electrical and other technical areas.

The recommended Board action will provide sufficient contract funding for PB services through June 2018 as the Project moves into the final design and construction stage. This approach will result in better control over the management of consultant services with the ability to budget according to the planned workload over the next two years.

The Metro Board directed the Inspector General to conduct an independent audit of the Westside Purple Line Extension Section 2, Modification No. 52. The audit included (1) an assessment of total work hours to perform advanced engineering work, (2) an evaluation of the proposed billable rates, (3) identification of management redundancies, and (4) an evaluation of the accuracy and completeness of the design drawings. The Office of Inspector General prepared a comprehensive RFP scope of work and hired a consultant firm having a team with expertise in engineering and accounting to perform the audit. The audit found that Metro's construction design firm, PB, had generally performed and delivered within budget and industry standards and delivered design work as agreed in a scope of work for items of the Modification at the different stages of design.

DETERMINATION OF SAFETY IMPACT

This Board action will not have an impact on established safety standards for Metro's construction projects.

FINANCIAL IMPACT

Funds are included in the FY17 budget under Project 865522 Westside Purple Line Extension Project - Section 2, in Cost Center 8510 (Construction Project Management), and Account No. 50316 (Professional and Technical Services). Since this is a multi-year project, the Chief Program Management Officer and the Project Manager will be responsible for budgeting costs in future years.

Impact to Budget

The sources of funds for the recommended action are Federal 5309 New Starts, CMAQ, Measure R 35% and TIFIA Loan Proceeds. The approved FY17 budget is designated for the Westside Purple Line Extension Project - Section 2 and does not have an impact to operations funding sources. These funds were assumed in the Long Range Transportation Plan for the Westside Purple Line Extension Project. This Project is not eligible for Propositions A and C funding due to the proposed tunneling element of the Project. No other funds were considered.

ALTERNATIVES CONSIDERED

The Board could decide to not approve the recommended Contract Modification. This is not recommended because the extension of PB's services will provide the continuity of engineering services involving qualified and knowledgeable personnel that are part of the Westside Purple Line Extension Integrated Project Management Office.

NEXT STEPS

After Board approval and execution of the Contract Modification, staff will direct the consultant to continue to provide design support services during construction for advanced utility relocations and the Design-Build C1120 Contract for Tunnels, Stations, Systems and Trackwork.

ATTACHMENTS

Attachment A - Procurement Summary

Attachment B - Contract Modification/Change Order Log

Attachment C - DEOD Summary

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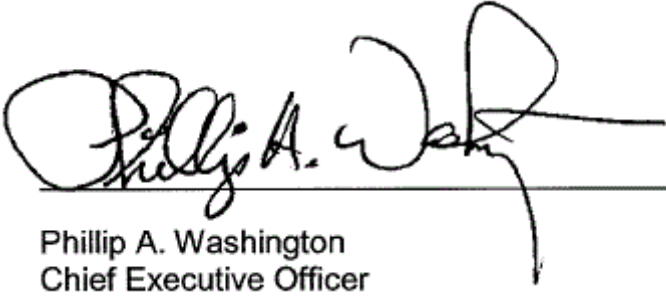
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