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Metropolitan Transportation Authority

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**CONSTRUCTION COMMITTEE  
SEPTEMBER 19, 2013**

**PROJECT: WESTSIDE SUBWAY PURPLE LINE EXTENSION PROJECT**

**ACTION: APPROVE USE OF DESIGN-BUILD CONTRACTING DELIVERY  
APPROACH FOR DIVISION 20 MAINTENANCE AND STORAGE  
FACILITIES MODIFICATIONS**

**RECOMMENDATION**

- A. The Board finds that use of the design-build process pursuant to Public Utilities Code Section 130242(a) will achieve certain private sector efficiencies in the integration of the design, project work and components for the first 3.9 mile segment of the Westside Subway Extension Transit Corridor Project;
- B. Authorize the Chief Executive Officer to award the design-build contract for the Division 20 Maintenance and Storage Facilities Modifications.

**Requires two-thirds vote.**

**RATIONALE**

The Westside Subway Purple Line Extension Project (Project) is a nine-mile, dual track heavy rail transit subway that will operate as an extension of the existing Metro Purple Line heavy rail transit subway system from its current western terminus at the Wilshire/Western Station to a new western terminus near the West Los Angeles Veterans Affairs (VA) Hospital. Under the current funding plan the Project will be constructed in three phases (Sections) and will include a total of seven new stations.

The first Section of the Project extends 3.9 miles from Wilshire/Western to Wilshire/La Cienega and is planned to open in 2023. The Project will include three new subway stations and require modifications to the Division 20 Maintenance and Storage Facility located near the eastern terminus of the Metro Red Line in Downtown Los Angeles.

Metro is authorized to enter into design-build contracts pursuant to Public Utilities Code Section 130242. The primary benefit of the design-build process has a potential of additional efficiencies in contractor's innovation, project management, administration and

coordination, and design features. Utilization of a design-build process under Public Utilities Code Section 130242, provides for award of a design-build contract to the lowest responsible bidder whose bid is responsible to the criteria set forth in the invitation for bids.

Public Utilities Code Section 130242 requires that the Board make the finding set forth in Recommendation A. Board approval of Recommendation B will expedite the approval process and award of the design-build contract for the Division 20 Maintenance and Storage Facility Modifications to maintain the overall project schedule for the Westside Subway Purple Line Extension.

## **BACKGROUND**

On January 24, 2013, the Board approved the staff recommendation to allow the Chief Executive Officer to negotiate and execute Contract Modification No. 42 with Parsons Brinckerhoff, Inc. for a single source award to perform Final Design Services for Division 20 Yard Modifications to support the turn-back and other modifications to the existing yard and shop facilities for the extension of the Metro Purple Line. However, a re-examination of the overall Project schedule indicates that other projects that are in the early planning phases such as Union Station Run-Thru Tracks and the High Speed Rail Project will require a more strategic contracting delivery approach to ensure proper coordination.

Therefore, staff recommends that the design-build contract delivery method be used for certain elements of the Division 20 Yard Modifications to include the new Maintenance of Way/Non-Revenue Vehicle Repair Building, parking and site improvements. Design-bid-build is still recommended for the remaining scope of work involving the modifications to the existing yard lead tracks and construction of a new turn-back facility to provide Metro Operations more control over the detailed design and construction which involves difficult coordination and tie-ins to the existing operating rail facilities and systems.

## **DETERMINATION OF SAFETY IMPACT**

The recommended action has no impact on safety.

## **FINANCIAL IMPACT**

The Westside Subway Purple Line Extension Project (865518) is included in the FY 14 budget for \$65 million of Section 5309 New Starts funding, \$81.8 million of Measure R 35%, and \$22.5 million of Proposition 1B in relevant cost centers. The various cost center managers and Executive Director of Transit Project Delivery will be responsible for budgeting costs in future years.

## Impact to Budget

This project is not eligible for Propositions A and C funding (due to the proposed tunneling element of the project). The funding sources plan for the project will be provided with the future request for the adoption of the life-of-project budget.

## ALTERNATIVES CONSIDERED

The Board may reject the recommendation to use design-build contracting for the Division 20 Modifications; however, certain private sector efficiencies in the integration of design, project work and components may not be achieved. Furthermore, the design-build approach will accelerate the delivery of certain elements of work that could otherwise be delayed and impact the overall Project schedule for the Metro Westside Subway Purple Line Extension Project.

## NEXT STEPS

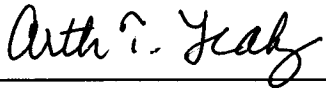
Staff will prepare a design-build solicitation package for the new Maintenance of Way/Non-Revenue Repair Building and Facilities from the Preliminary Engineering work that has been completed for the Division 20 Yard Modifications. Additional drawings and specifications will be required utilizing Parsons Brinckerhoff. Staff will also prepare a Request for Proposals to solicit Final Design Services so that a consultant can be selected to prepare design-bid-build documents for the new Turn-Back Facility.

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