

**Metro**Los Angeles County  
Metropolitan Transportation AuthorityOne Gateway Plaza  
Los Angeles, CA 90012-2952213.922.2000  
metro.net**CONSTRUCTION COMMITTEE  
JANUARY 17, 2013****SUBJECT: BLUE LINE MAINTENANCE FACILITY****ACTION: APPROVE USE OF DESIGN-BUILD CONTRACTING DELIVERY  
APPROACH****RECOMMENDATION**

- A. The Board finds that awarding design-build contracts pursuant to Public Utilities Code Section 130242 (b) will achieve private sector efficiencies in the integration of the design, project work, and components related to the construction of an awning at Metro Blue Line Maintenance Facility in Los Angeles County; and  
Requires Two-Thirds Vote; and
- B. Authorize the Chief Executive Officer to solicit and award design-build contract for the awning construction at Metro Blue Line Maintenance Facility, pursuant to Public Utilities Code Section 130242 (a), (c), (d), & (e).

**ISSUE**

The Blue Line Awning to be constructed is approximately 2,300 square feet, over an existing concrete slab as a fully sided extension on the North side of the existing storage building at the extreme South end of the Metro Blue Line Maintenance Facility. The work specified in this contract consists of constructing a pre-engineered and pre-fabricated metal storage. The awning will protect Metro's existing inventory investment and increase storage capacity by 20% to accommodate additional light rail vehicle overhaul components, Wayside's infrastructure material, and inventory purchased to support Rail Fleet Service's (RFS) maintenance programs. It will provide additional security and protection for large components, including traction motors, cable, window glass, overhead contact components, tires, truck frames and pantographs.

## **DISCUSSION**

In the last few years, Metro has experienced success with design-build construction contracts in the capital program. Staff is now seeking authorization to continue the use of this delivery system for Blue Line Awning Project (CP#209038). Metro has successfully used the Design-Build construction strategy to minimize agency risks, achieve schedule efficiency and significant time savings to reduce administrative and construction costs.

Blue Line Awning Project (CP#209038) was selected for Design-Build Contracting Delivery approach because:

- A single point of responsibility for both design and construction will increase efficiency.
- Staff project development resources are limited, so more budgeted projects can be accomplished by adding design-build capability.
- Agency risk for design is shifted to the design-builder, changes related to design are minimized.
- Metro will achieve schedule efficiency and significant time savings because design can proceed in parallel with construction.

Metro will save administrative costs due to combining the solicitation process with design and construction, save construction management and engineering resources during the construction phase; minimize contract-generated changes to reduce contract close-out efforts.

## **DETERMINATION OF SAFETY IMPACT**

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

## **FINANCIAL IMPACT**

The funding for this project is included in the FY13 budget in cost center 6350, under project 209038, Blue Line Awning. The approved Life of Project (LOP) budget is \$326,602. Since this is a multi-year project, the Executive Director, Transit Project Delivery, will be accountable for budgeting the cost in future years.

### Impact on Budget

The source of funds for this project is PA35, which can be used for either rail capital or operating. No other sources of funds were considered for this project because these funds have been programmed in the LRTP for rail capital improvements.

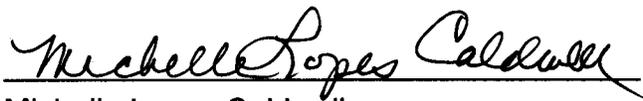
### ALTERNATIVES CONSIDERED

This work may be accomplished utilizing consultants to prepare separate designs or with designs prepared by staff for bid and construction. Staff does not recommend this approach because the scope and size of the listed project lends itself to the more streamlined design-build project delivery method.

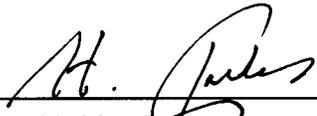
### NEXT STEPS

Proceed with the solicitation based on a design-build contracting delivery approach.

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