



**Metro**

Los Angeles County  
Metropolitan Transportation Authority

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**CONSTRUCTION COMMITTEE  
September 20, 2012**

**PROJECT: DIVISION 13 COMPRESSED NATURAL GAS FUELING FACILITY**

**ACTION: APPROVE USE OF DESIGN-BUILD CONTRACTING DELIVERY APPROACH**

**RECOMMENDATION**

**A.** The Board finds that awarding a design-build contract pursuant to Public Utilities Code Section 130242 will achieve for the Los Angeles County Metropolitan Transportation Authority (LACMTA) certain private sector efficiencies in the integration of the design, project work and components related to the construction of the proposed Division 13 Compressed Natural Gas Fueling Facility in Los Angeles County.

Approval requires 2/3 vote; and,

**B.** Authorize the Chief Executive Officer to solicit and award a design-build contract for the construction of the Division 13 Compressed Natural Gas Fueling Facility pursuant to Public Utilities Code Section 130242.

**ISSUE**

LACMTA has experienced success with Design/Build (D/B) construction contracts with Compressed Natural Gas (CNG) fueling facilities. As such, staff is seeking to use the design/build project delivery system to construct the proposed Division 13 CNG Fueling Facility.

Approval of this action would allow staff to proceed with a solicitation and contract award utilizing the Design-Build contract delivery approach pursuant to Public Utilities

Code Section 130242. The D/B contract delivery approach is commonly used for industrial structures to expedite the design, engineering, and construction processes.

## **BACKGROUND**

Staff has determined that the Division 13 CNG Fueling Facility would benefit from the D/B approach, and that the contract should be pursued separate from the primary Division 13 construction contract. The CNG fueling facility would provide CNG fuel for up to 200 buses at the new Division 13 Bus Operations and Maintenance facility. The CNG fueling facility would dispense CNG fuel at the four proposed fueling lanes.

The Board approved the Life-of-Project (LOP) budget for this project in September 2008. Subsequently, the Division 13 Fueling Facility received a Clean Air Fuels Grant in the amount of \$5,500,000. Preliminary engineering is complete and a Mitigated Negative Declaration, under the California Environmental Quality Act, as well as a Categorical Exclusion, under the National Environmental Policy Act, were filed and approved. All design and construction documents have been submitted to Procurement and preparation of the bidding and solicitation documents is in progress.

## **POLICY IMPLICATIONS**

Awarding a design-build contract pursuant to Public Utilities Code Section 130242 would enable LACMTA to use a proven project delivery and procurement system that allows contracting for both design and construction services in a single contract. The LACMTA has experienced success with design/build construction contracts and expects to achieve the same efficiencies in integrating the Division 13 CNG Fueling Facility project's design, project work and components.

## **OPTIONS**

The Board could decide not to approve this action and direct staff to accomplish the project through separate design and construction contracts, or through design prepared by LACMTA and bid for construction. Staff does not recommend this approach. Staff believes that there are advantages to having a single contractor responsible for all design and construction work, primarily in the avoidance of certain project management, staff, administration and coordination costs, and reductions in the overall project schedule.

## **IMPACTS TO OTHER CONTRACTS**

There are no impacts to other LACMTA contracts.

## **DETERMINATION OF SAFETY IMPACT**

The recommended action has no impact on safety.

## **FINANCIAL IMPACTS**

The funds for the Division 13 CNG Fueling Facility project are included in the FY13 capital budget in cost center # 8380 and project #202001. Since this is a multi-year project, the Project Manager will be responsible for budgeting the costs in future years.

## **NEXT STEPS**

Upon approval of this action, Staff would begin solicitation of the D/B contract, with an expected contract award date in January 2013.

## **ATTACHMENTS**

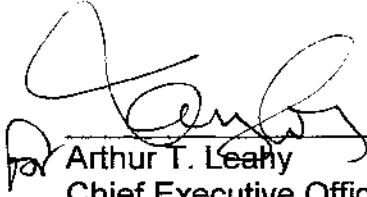
None

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