



METROPOLITAN
TRANSPORTATION
COMMISSION

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TO: Administration Committee

DATE: February 1, 2012

FR: Executive Director

W. I. 1236

RE: Contract – Regional Express Lanes Network Phase 1 Project Approval/Environmental Document – HDR, Inc. (\$5,000,000)

Staff recommends the Committee authorize the Executive Director to enter into a contract with HDR, Inc. in the amount of \$5,000,000 to assist MTC in completing the project approval/environmental document (PA/ED) for an initial phase of the Regional Express Lane Network.

Background

In October of 2011, the California Transportation Commission (CTC) found the Express Lane Network eligible for development and operation by MTC. Based on analysis for the CTC application, staff has selected an initial set of HOV conversion projects (see map in Attachment 1) to advance as the first phase of the Network. MTC aims to open these “Phase 1” projects, approximately 76 lane miles in total, in 2015.

MTC completed a program-level project study report in conjunction with its application to the CTC. The next step to advance the projects is PA/ED, which will allow MTC to better define projects costs and operational considerations and will include environmental clearance under state and federal law, as applicable. MTC anticipates concurrence from Caltrans to proceed with a single project study report/project report for the Phase 1 projects. Because the Phase 1 projects are all conversions of existing carpool lanes, staff does not expect major environmental issues to arise; however, if issues arise for any of the segments that would slow down PA/ED for the remaining segments, that segment may be split off from the broader effort to proceed on its own schedule.

MTC will take lead responsibility for completing PA/ED and will invite active participation by the Alameda, Contra Costa and Solano county congestion management agencies (CMAs). In addition, several CMAs are presently developing projects in several other corridors, many of which are scheduled to open in 2015 or shortly thereafter: I-80 in Solano County, I-580 and I-680 in Alameda County, and US 101/SR 85 in Santa Clara County (see map in Attachment 2). While MTC will not include these projects in our work, staff will coordinate with the CMAs, including the Valley Transportation Authority, and with Caltrans for design and operational consistency. Concurrent with these efforts, MTC will also undertake some network-oriented work such as development of a concept of operations, procurement of a systems integrator, and additional planning studies to refine traffic and revenue forecasts and review equity considerations; once we define a contracting strategy, staff will return to the MTC Administration committee for authorization to proceed.

Consultant Selection Process

In January 2011, the BATA Oversight Committee authorized the Executive Director to enter into on-call construction management and project design services contracts with a total of 11 firms, of which nine were selected to focus on project design services. This on-call panel is also available to MTC for design services. As specified in the Request for Qualifications (RFQ), BATA or MTC may assign services based on the nature of the work, expertise and availability of the firm(s) and staff of those firm(s) or may conduct informal proposal solicitations among qualified firms to assist in assigning work.

On January 13, 2012, MTC staff solicited proposals for assistance with Regional Express Lane Network Phase 1 PA/ED from four of the nine firms available to assist with design services under the BATA on-call panel. Staff selected the four firms after considering the firms' qualifications and the allocation of contracts to date among the firms. (One firm, Parsons Brinkerhoff, was excluded from the solicitation because they will continue to assist MTC with Regional Express Lane Network program management under an existing contract.) Staff received proposals on January 25 from three firms: HDR, Inc.; Jacobs Engineering Group, Inc.; and URS Corporation; the fourth team, Kimley-Horn Associates, chose not to submit a proposal due to the relatively short turn-around time.

A panel of MTC and Caltrans staff reviewed the proposals considering three factors, in order of importance:

- (1) Demonstrated understanding of the project and soundness of the proposed approach;
- (2) Qualifications of the firm and proposed staff; and
- (3) Approach to project management and quality control.

The panel held interviews with the two highest rated firms, HDR and URS, to obtain clarifications on aspects of the proposal. Following the interviews, the panel found HDR to be the highest ranked team. The panel ranked HDR as the top performing team on the two most important criteria: (1) project approach and (2) qualifications. The HDR team has outlined an approach that mitigates project risks and recognizes MTC's dual goals to implement Phase 1 projects quickly and to prepare for eventual development of the complete Express Lane Network. The project manager has assembled a well-qualified team that has worked on numerous complex highway projects in the Bay Area as well as on the I-80 and I-680 northbound express lane projects in Solano and Alameda counties. The team is especially strong with respect to traffic analysis, likely one of the more difficult tasks in PA/ED. The panel rated HDR and URS equally on criteria (3) project management.

Recommendation

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a contract with HDR, Inc. for assistance with PA/ED for Phase 1 of the Regional Express Lane Network in an amount not to exceed \$5,000,000. BATA funds will be used to fund the contract, as the work will ultimately affect bridge operations.



Steve Heminger

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REQUEST FOR AUTHORITY APPROVAL

Summary of Proposed Consultant Contract

Work Item No.: 1236

Contractor: HDR, Inc.

Work Project Title: Regional Express Lanes Network Phase 1 Project Approval/Environmental Document (PA/ED)

Purpose of Project: Assist MTC to complete PA/ED for Phase 1 projects

Brief Scope of Work: Prepare Project Report and appropriate environmental document as needed to obtain approval under Caltrans project development procedures and NEPA/CEQA.

Project Cost Not to Exceed: \$5,000,000

Funding Source: BATA Rehabilitation Budget

Fiscal Impact: Project costs of \$5,000,000 are consistent with funds programmed and budgeted in the FY 2011-12 BATA rehabilitation budget.

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a contract with HDR, Inc. for assistance with PA/ED for Phase 1 of the Regional Express Lane Network, as described above and in the Executive Director's memorandum dated February 1, 2012, and the Chief Financial Officer is directed to set aside funds up to \$5,000,000 for such contract.

BATA Oversight Committee:

Dave Cortese, Chair

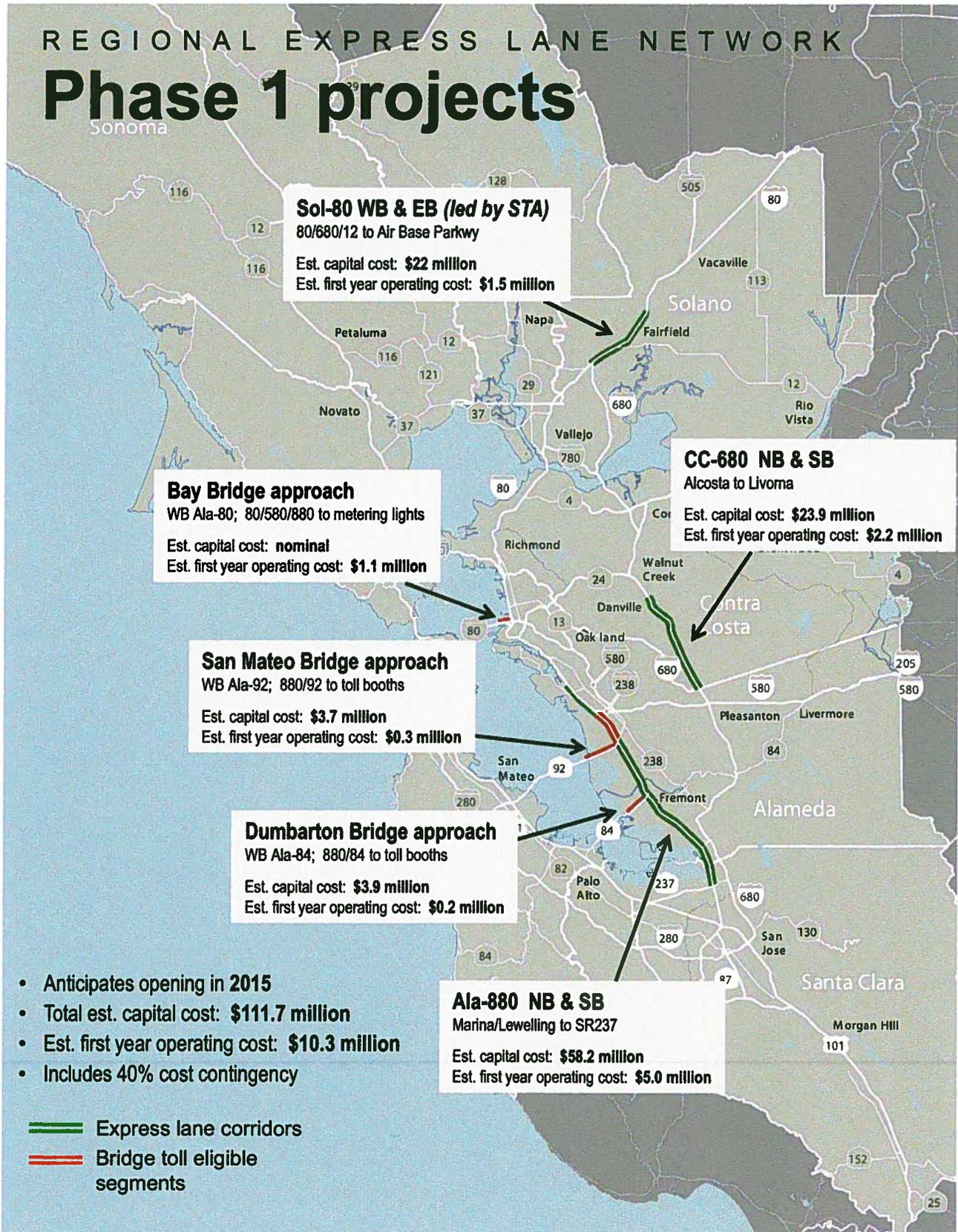
Approved:

Date: February 8, 2012

Attachment 1

REGIONAL EXPRESS LANE NETWORK

Phase 1 projects



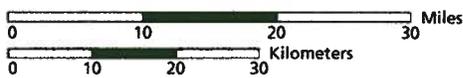
Attachment 2

REGIONAL EXPRESS LANE NETWORK

Other Near-Term Projects

(expected to open before 2016)

1. I-680 Sunol southbound (opened Sept. 20, 2010)
2. SR-237/I-880 Connector (to open Feb. 27, 2012)
3. I-580 eastbound
4. I-580 westbound
5. SR-85 / US 101
6. I-80 Solano



Corridors already in Statute
Street base map © Thomas Bros. Maps. All rights reserved.
MTC Graphics/pb — 11.4.2011

