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## *Memorandum*

TO: BATA Oversight Committee

DATE: June 3, 2015

FR: Executive Director

W. I. 1251

RE: Contract - On-Call Design Services – San Francisco Oakland Bay Bridge Metering Lights Upgrade Project: Kimley-Horn and Associates, Inc. (\$600,000)

This item would authorize the Executive Director or his designee to negotiate and enter into a contract with Kimley-Horn and Associates, Inc. (KHA) for On-Call Design Services for project management and scoping of the San Francisco-Oakland Bay Bridge (SFOBB) Metering Lights Upgrade Project in an amount not to exceed \$600,000.

### **Background**

The SFOBB toll plaza is the convergence of 20 traffic lanes coming from Interstates 80, 580 and 880. The existing metering system was developed in 1974 by Caltrans to smooth transition of the 20 approach lanes to the five lanes on the bridge. The system uses embedded loop detectors and off-pavement sensors to measure traffic flow and determine signal timing and last received minor improvements in 1980.

BATA's objective, in conjunction with California Department of Transportation (Caltrans) District 4, is to upgrade the SFOBB Metering Lights System (the Project). The project will modernize the in-lane equipment to increase reliability and modify the signal algorithm to account for the new east span bridge alignment, vehicle type and vehicle performance. Staff expects to improve travel times and reduce queues and delays at the plaza. Given the unique nature of this metering project, staff plans to engage the California Partners for Advanced Transportation Technology (PATH), a research and development program of the University of California, Berkeley, for technical review.

The project will be delivered in phases. The first phase will be engaging a consultant to provide project management services (this Memorandum), to develop a concept of operations, and to prepare environmental documents for the project by spring of 2016. This first step will be followed by future procurements for start of system design in the summer 2016. Start of construction is anticipated in the summer of 2017.

### **Selection Process**

In January 2013, after a competitive procurement, the BATA Oversight Committee authorized the Executive Director to enter into contracts with eight firms to provide on-call construction management and design services. On April 10, 2015, BATA staff solicited proposals from the eight pre-qualified on-call consultant firms to provide management support and to develop a concept of operations and environmental documents for the project. On May 8, 2015, staff received a single proposal from Kimley-Horn & Associates, Inc. (KHA).

BATA and Caltrans staff reviewed the KHA proposal considering the following three factors, as described in the RFQ, in descending order of importance:

- (1) Past experience that demonstrates an understanding of the project and ability of the team.
- (2) Qualifications and specific experience of the consulting firm, including the proposed project manager and key project staff to complete work as specified.
- (3) Schedule and capacity to provide qualified personnel.

After reviewing and evaluating the proposal, the KHA team scored 86.7 out of 100 with respect to the three above listed criteria. The KHA team is highly qualified and experienced. Its statement of qualifications (SOQ) outlining its approach to project management and quality control was well laid out. KHA also demonstrated its expertise, qualifications and understanding of the project by identifying project risks and processes to mitigate these risks. The proposed team includes one certified small business enterprise as shown in Attachment A.

### **On-Call Consultant Survey**

Staff contacted the other firms that did not submit. Those firms noted a number of reasons for not submitting, including lack of sufficient expertise, staffing availability and location of available staff.

### **Recommendation**

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a contract with Kimley-Horn & Associates, Inc. for on-call design services for the San Francisco-Oakland Bay Bridge Metering Lights Upgrade Project in an amount not to exceed \$600,000.



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Steve Heminger

SH: sb

**Attachment A  
Small Business and Disadvantaged Business Enterprise Status**

|                  | Firm Name                        | Role on Project          | DBE* Firm |                | SBE** Firm |     |                |       |   |
|------------------|----------------------------------|--------------------------|-----------|----------------|------------|-----|----------------|-------|---|
|                  |                                  |                          | Yes       | If Yes, List # | No         | Yes | If Yes, List # | No    |   |
| Prime Contractor | Kimley Horn and Associates, Inc. | Project Management       |           |                | X          |     |                |       | X |
| Subcontractor    | HDR                              | Environmental Compliance |           |                | X          |     |                |       | X |
|                  | Circle Point                     | Public Outreach          |           |                | X          |     | X              | 40528 |   |
|                  |                                  |                          |           |                |            |     |                |       |   |

\*Denotes certification by the California Unified Certification Program (CUCP).

\*\*Denotes certification by the State of California.

REQUEST FOR COMMITTEE APPROVAL  
Summary of Proposed Contract Amendment

Work Item No.: 1251

Vendor: Kimley-Horn & Associates, Inc., Oakland CA

Work Project Title: On Call Design Services:  
San Francisco-Oakland Bay Bridge Metering Lights Upgrade  
Project

Purpose of Project: To provide staffing to perform project management services and  
prepare project documents for the San Francisco-Oakland Bay  
Bridge Metering Lights Upgrade Project.

Brief Scope of Work: Consultant shall provide design services in accordance with the  
Caltrans Standard Specifications and Plans for the improved  
operation of the SFOBB Metering Lights system.

Project Cost Not to Exceed: \$600,000

Funding Source: Toll Bridge Rehabilitation Funds

Fiscal Impact: Funds are included in the FY 2014-15 Toll Bridge  
Rehabilitation Program Budget.

Motion by Committee: That the Executive Director or his designee is authorized to  
negotiate and enter into a contract with Kimley-Horn &  
Associates, Inc. to provide design services, and the Chief  
Financial Officer is authorized to set aside funds in the amount  
of \$600,000 for such contract.

BATA Oversight Committee: \_\_\_\_\_  
Amy Rein Worth, Chair

Approved: Date: June 10, 2015