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Memorandum

TO: BAIFA

DATE: October 15, 2014

FR: Executive Director

W. I. 6840

RE: Contract – On-Call Construction Management Services - Regional Express Lane Network: I-680 Southern Segment Construction Management and Administration: Zoon Engineering (\$1,600,000)

This memorandum seeks approval from the Authority for a contract with Zoon Engineering to perform construction management services for the I-680 Southern Segment Express Lanes Project in an amount not to exceed \$1,600,000. Zoon Engineering is recommended based on a Statement of Qualifications solicited from a pre-qualified on-call construction management consultant bench. In the event that Zoon Engineering fails to execute a contract with BAIFA, staff requests the approval from the Authority to contract with CH2M Hill, the next highest-rated firm, for the same work and not to exceed amount.

Background

The I-680 Southern Segment Express Lanes Project will convert existing HOV lanes on I-680 in Contra Costa County from the Alameda County line to Rudgear Road (SB)/Livorna Road (NB) interchanges in Walnut Creek, Contra Costa County. Currently, the final design for this project is being completed by URS Corporation under a separate contract with BAIFA. URS' work includes completion of plans, specifications, and estimates (PS&E) for the civil construction portion of the project (e.g., sign structures, signing, utilities, and lane striping). Construction of these elements will require significant coordination with the California Department of Transportation (Caltrans), local stakeholders, and with BAIFA's system integrator, TransCore, Inc., which will be responsible for installing the tolling system after the civil construction work is complete. BAIFA's goal is to open the express lane for revenue operations by the spring of 2016.

In January 2014, after a competitive procurement, the BATA Oversight Committee authorized eight firms to provide on-call construction management services for a two-year term through January 31, 2016. The Request for Qualifications (RFQ) allowed selected consultants to work not only for BATA but also for BATA's affiliated agencies, including BAIFA. The RFQ specified that the lead agency could directly assign work to a particular firm based on the nature of the work, expertise and availability of the firm(s) and staff of those firm(s) or could conduct informal solicitations among qualified firms to assist in assigning the work.

Consultant Selection Process

On August 12, 2014, BAIFA staff solicited Statements of Qualifications for construction management services from five of the eight firms on the on-call list. (Three firms, Parsons Brinckerhoff, Hatch Mott McDonald and AECOM, were excluded from the solicitation because of the potential for conflicts of interest.) On August 29, 2014, staff received Statement of

Qualifications (SOQs) from all five remaining firms: CH2M Hill, Cooper Pugeda Management, Ghirardelli Associates, Harris & Associates, and Zoon Engineering.

A panel of BAIFA staff and a representative from Caltrans evaluated the SOQs based upon the following factors, listed in order of relative importance:

1. Demonstrated understanding of the project and ability to meet BAIFA's objectives;
2. Qualifications of firms and proposed staff to complete work specified;
3. Experience successfully completing project management and quality control on similar projects; and
4. References of key team members

Based on the initial scores, the panel invited a short list of three firms for in-person interviews. The three firms shortlisted for interviews all have sufficient experience and qualifications to complete the project. The two firms not shortlisted have less experience on projects similar to this project.

After reviewing the SOQs and conducting interviews, the panel scored Zoon Engineering as the top ranked team. The Zoon Engineering project manager and team has extensive experience working on projects involving electronic tolling of similar scope. Zoon Engineering also demonstrated the most specific project understanding and developed a logical approach to meeting BAIFA's objectives.

The top three ranking firms and their sub-consultants are as follows:

Rank	Prime	Sub-consultants
1	Zoon Engineering	Alta Vista S&C Engineers, Inc. Park Engineering Consulting Engineering Laboratories
2	CH2M Hill	Chaudhary & Associates Circlepoint Earth Mechanics S&C Engineers Summit Associates Zoon Engineering
3	Ghirardelli and Associates	Abe Construction Services Acumen Building Enterprise Caltrop Corp EPC Consultants, Inc. Inspection Services, Inc. Towill, Inc

Recommendation

Staff recommends that the Authority authorize the Executive Director or his designee to negotiate and enter into a contract with Zoon Engineering to perform construction management services for the I-680 Southern Segment Express Lanes Project in an amount not to exceed \$1,600,000. In the event that Zoon Engineering fails to execute a contract with BAIFA, staff recommends that the Authority authorize the Executive Director or his designee to negotiate and enter into a contract with CH2M Hill, as stated above.



 Steve Heminger

REQUEST FOR AUTHORITY APPROVAL

Summary of Proposed Contract

Work Item No.: 6840

Vendor: Zoon Engineering, Walnut Creek, CA

Work Project Title: Contract – On-Call Construction Management Services - Regional Express Lane Network: I-680 Southern Segment Construction Management and Administration

Purpose of Project: To complete construction management and construction administration services for the I-680 Southern Segment Express Lanes Project.

Brief Scope of Work: Consultant shall perform construction management and construction administration in accordance with BAIFA and Caltrans standard guidelines for the I-680 Southern Segment Express Lanes Project in southern Contra Costa County

Project Cost Not to Exceed: \$1,600,000

Funding Source: BATA Capital Program Budget

Fiscal Impact: Funding is included in the Express Lane Capital Project Budget, as adopted in the FY 2014-15 Toll Bridge Program and Operating and Capital Budget (BATA Resolution No. 113).

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a contract with Zoon Engineering to perform construction management services for the I-680 Southern Segment Express Lanes Project, as described above and in the Executive Director's memorandum dated October 15, 2014, and the Chief Financial Officer is directed to set aside funds in an amount up to \$1,600,000 for such contract. In the event that Zoon Engineering fails to enter into an agreement with BAIFA, the Executive Director or his designee is authorized to negotiate and enter into an agreement with CH2M Hill as stated above and the Chief Financial Officer is directed to set aside funds in the amount stated above.

BAIFA:

Approved:

Amy Rein Worth, Chair

Date: October 22, 2014