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Memorandum

TO: BATA Oversight Committee

DATE: January 6, 2016

FR: Executive Director

W. I. 1252

RE: Contract - On-Call Design Services: Climate Change/Sea Level Rise Inundation Mapping:
AECOM Technical Services, Inc. (\$300,000)

This item requests Committee approval of a contract with AECOM Technical Services, Inc. (AECOM) (formerly URS Corporation Americas) in an amount not to exceed \$300,000 to provide on-call design services for the development of climate change/sea level rise inundation mapping for the region through December 2016.

Background

According to current projections (National Research Council, 2012), climate change could cause the Bay to rise by 12 to 24 inches midcentury and 36 to 66 inches by the end of the century. This means today's floods will be the future's high tides and areas that currently flood every 10-20 years will flood much more frequently. Core transportation assets along the shoreline, including the bridge touchdowns for all seven state-owned toll bridges, will be subject to this flooding, disrupting travel and resulting in direct economic, environmental, and social impacts to the region. Inundation and overtopping mapping is needed to understand sea level rise and storm event exposure and potential timing of overtopping for the entire region. The mapping would also set the foundation for further analysis and development of adaptation strategies that would protect transportation assets from sea level rise and extreme storm events.

In January 2014, after a competitive procurement, this Committee authorized the Executive Director to enter into contracts with pools of firms to provide on-call construction management and design services for BATA.

On October 26, 2015, BATA issued a Request for Qualifications (RFQ) to the pre-qualified design services pool of consultants to develop sea level rise and storm event exposure inundation maps and shoreline overtopping maps/analysis for Marin, Napa, Sonoma, Solano, Santa Clara and San Mateo Counties to understand the potential timing of overtopping and inundation for the state-owned bridges and adjacent Bay Area shoreline (note: mapping for Alameda, Contra Costa and San Francisco Counties has already been completed or is underway by others).

Evaluation Process

BATA received two Statements of Qualifications (SOQs), from AECOM and BKF Engineers (BKF), in response to the RFQ. The SOQs were evaluated by a panel composed of BATA and San Francisco Bay Conservation and Development Commission staff based on the following criteria: 1) Qualifications and Expertise; 2) Schedule and Availability; and 3) Management of Resources. Out of a possible 100 points, AECOM received an overall score of 98 points and BKF received an overall score of 70 points. AECOM is neither a small business nor a disadvantaged business enterprise and currently has no subcontractors.

Recommendation

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a contract with AECOM in an amount not to exceed \$300,000 for development of climate change/sea level rise inundation mapping for the region through December 2016.



Steve Heminger

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REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract

Work Item No.:	1251
Vendor:	AECOM Technical Services, Inc., San Jose, CA
Work Project Title:	On-Call Consultant Assistance Services for Climate Change/Sea Level Rise Inundation Mapping
Purpose of Project:	Develop sea level rise and storm event exposure inundation maps and shoreline overtopping maps/analysis
Brief Scope of Work:	Consultant shall develop sea level rise and storm event exposure inundation maps and shoreline overtopping maps/analysis for Marin, Napa, Sonoma, Solano, Santa Clara and San Mateo Counties to understand the potential timing of overtopping and inundation for the state-owned bridges and adjacent Bay Area shoreline
Project Cost Not to Exceed:	\$300,000
Funding Source:	Toll Bridge Rehabilitation Program funds.
Fiscal Impact:	Funds are included in the FY 2015-16 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 AECOM Technical Services, Inc. to develop climate change/sea level rise inundation mapping, as described above and in the Executive Director's memorandum dated January 6, 2016, and the Chief Financial Officer is directed to set aside funds in the amount of \$300,000 for such contract.
BATA Oversight Committee:	<hr/> Amy Rein Worth, Chair
Approved:	Date: January 13, 2016