## Administration and Projects Committee STAFF REPORT

**Meeting Date:** June 4, 2015

### Subject
State Route 4 (SR4)/SR160 Connector Ramps (Project 5001) – Request to Revise Contract Allotment for Construction Contract No. 377; and Authorization to Execute Amendment No. 3 to Agreement No. 373 with AECOM Technical Services, Inc. (AECOM) for Construction Management (CM) Services

### Summary of Issues
The construction contract for the SR4/SR160 Connector Ramps Project is being administered by the Authority. The Authority entered into Agreement No. 373 with AECOM to provide CM services. Changes in the project duration and scope of work have increased the projected CM budget. The authorized budget is nearly exhausted and must be increased to provide for the increased scope of work.

There are sufficient reserves in the project budget to fund this Amendment; however, a reallocation of funds from the original construction allotment is needed to allow execution of Amendment No. 3 to Agreement No. 373.

### Recommendations
Staff seeks approval of Resolution 13-57-P (Rev. 1) which authorizes a decrease in construction funds for Construction Contract No. 377 with RGW Construction Inc. (RGW) in the amount of $919,033, for a new total construction allotment value of $35,238,967.

In addition, staff seeks authorization for the Chair to execute Amendment No. 3 to Agreement No. 373 with AECOM in the amount of $1,872,746, for a new total agreement value of $7,667,946 to provide additional CM services. This amendment will extend the termination date from December 31, 2015 to June 30, 2016.

### Financial Implications
The project is fully funded from bridge toll funds. Sufficient reserve is available to fund this amendment; however, a reallocation of funds from the contract allotment is needed to allow for execution of Amendment No. 3 to Agreement No. 373.
Options

The Authority could elect not to approve this request; however, exhaustion of the budget will result in a lapse of CM services and project delays may be incurred until alternative CM services are procured.

Attachments (See APC Packet dated 6/4/15)

A. Proposed Resolution 13-57-P (Rev. 1)
B. Proposed Amendment No. 3 to Agreement No. 373
C. Letter from AECOM dated May 15, 2015
D. Historical Summary

Changes from Committee

None

Background

The Authority approved Resolution 13-57-P on December 18, 2013 that authorized the Executive Director to award Construction Contract No. 377 to RGW to construct the SR4/SR160 Connector Ramps Project, authorized the Chair to execute the contract, authorized the Executive Director to prepare and to sign any and all documents that may be required to execute the contract, and established a construction allotment of $36,158,000.

AECOM was retained in April 2013, under consultant Agreement No. 373 to provide full construction management services for the project. AECOM also provided pre-bid and public outreach services for this Authority-administered construction contract. The original total agreement value for Agreement No. 373 was $5,725,000.

Amendment No. 1 to Agreement No. 373 provided additional communications and media outreach capabilities by adding Circlepoint as a sub-consultant to AECOM, in addition to increasing the agreement amount by $70,200 for a new total agreement value of $5,795,200.

Amendment No. 2 to Agreement No. 373 added scope for soil testing and added two new sub-contractors. Imported fill material brought into the project site by the contractor required testing to confirm it meets the California Department of Transportation’s (Caltrans’) requirements. Staff decided to have this testing done by AECOM. There was no increase in the
agreement amount or extension of the term of the agreement, however, it was noted that additional costs were being incurred.

Over the course of the project, changes in the project duration and scope of work have increased the projected budget of AECOM.

The increased CM budget is due to:

- Increase in project duration – The original CM budget was based on a project construction completion date of September 2015. Due to rain delays and various issues, the contractor now expects construction completion on December 24, 2015. Consequently, AECOM and its subconsultants have a corresponding increase in their duration of work on this project.

- Contractor’s work schedule – The contractor has been working longer hours to mitigate his schedule delay; this includes constructing all three bridges at the same time. As a result additional overtime costs for AECOM field staff is needed to monitor the contractor’s night work, weekend work and extended work hours.

- Testing of Import Borrow – Imported fill material by the contractor came from multiple, smaller sources, requiring higher than expected testing services by AECOM. In addition, the contract specifications did not adequately provide for testing of imported fill material by the contractor to meet Caltrans requirements. AECOM provided these testing services to allow the project to be in compliance with Caltrans requirements.

- Increase in Biological Monitoring Costs – The biological monitoring plan submitted and approved by the East Contra Costa County Habitat Conservancy requires full time monitoring whenever the contractor works, including nights and weekends.

- Additional effort to resolve falsework and field issues with Caltrans.

Approval of Amendment No. 3 to Agreement No. 373 would increase the agreement by an amount of $1,872,746 for a new total agreement amount of $7,667,946. Due to the increase in project duration, the termination date of the agreement would be extended from December 31, 2015 to June 30, 2016.

There are reserves in the project budget to partially fund Amendment No. 3 to Agreement No. 373; however, a reallocation of funds from the original construction allotment of Construction
Contract No. 377 is needed to fully fund Amendment No. 3 to Agreement No. 373. Resolution 13-57-P (Rev. 1) must be approved prior to, or concurrently, with Amendment No. 3 to Agreement No. 373 in order to enable execution of this Agreement.