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## *Memorandum*

TO: BATA Oversight Committee

DATE: May 2, 2012

FR: Executive Director

W. I. 1256

RE: Contract Amendment - On-call Project Design Services – San Francisco Oakland Bay Bridge East Span Public Outreach 3D Modeling and Documentation and Design Integration between New Toll Administration Building and New East Span: Parsons Brinkerhoff (\$865,000)

This item would amend BATA's on-call construction management and project design services contract with Parsons Brinkerhoff to add an additional \$865,000 in budgeted toll funds for consultant services on the San Francisco-Oakland Bay Bridge East Span Replacement Project.

### **Background**

In January 2011, after a competitive procurement, the BATA Oversight Committee authorized the Executive Director to enter into contracts with eleven firms, including Parsons Brinkerhoff, to provide on-call construction management and project design services. Parsons Brinkerhoff was selected to provide both construction management and project design services. The Request for Qualifications (RFQ) that governed the selection specified that BATA 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 proposal solicitations among qualified firms to assist in assigning the work.

### **3D Modeling and Documentation Work**

This work involves the development of 3D models for the new SFOBB East Span Replacement project, including the new east span structures and associated temporary detour structures, as well as, the demolition of the existing East Span. The models will be used for project planning and scheduling and to provide simulations of the new bridge construction, staging, and existing bridge demolition for presentation to the public, media, and policy boards. Funds will also be used to continue the documentation of the project for reporting and archival purposes.

Parsons Brinkerhoff has been performing 3D modeling and documentation for BATA to support the Toll Bridge Seismic Retrofit Program (TBSRP) since early 2008. The knowledge base from the models previously developed and the rapport with the stakeholders on the TBSRP make Parsons Brinkerhoff the most logical choice for the performance of this work.

The proposed budget for the 3D modeling and documentation work is \$455,000.

### **Security and SCADA System Design Work**

This work involves developing the design of the connection and termination of the security and supervisory control and data acquisition (SCADA) systems from the new East Span to the new Toll Administration Building.

Parsons Brinkerhoff, under a separate contract with Caltrans, has produced the design of the security and SCADA systems for the new East Span project. The security and SCADA systems' connections from the new East Span to the new Toll Administration Building were intended to be addressed after BATA's design of the building. Given the design work that Parsons Brinkerhoff has already performed for Caltrans, the most logical choice for design integration to the new Toll Administration Building is Parsons Brinkerhoff.

The proposed budget for the security and SCADA system design work is \$410,000.

### **Recommendation**

Staff recommends that the Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with Parsons Brinkerhoff to perform project design services for the San Francisco-Oakland Bay Bridge Seismic Retrofit Project in an amount not to exceed \$865,000, comprised of 3D modeling and documentation work for the for the new SFOBB East Span Replacement project in an amount not to exceed \$455,000 and Security and SCADA system design for the new Toll Administration Building in an amount not to exceed \$410,000.



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Steve Heminger

SH:jw

REQUEST FOR COMMITTEE APPROVAL  
Summary of Proposed Contract Amendment

Work Item No.: 1256

Vendor: Parsons Brinkerhoff  
San Francisco, CA

Work Project Title: On-call Construction Management and Project Design Services

Purpose of Project: To provide staffing to perform construction management and oversight for construction projects and design services for design projects.

Brief Scope of Work: Support project planning, scheduling and public outreach for the San Francisco Oakland Bay Bridge through development of the 3D modeling and documentation of the bridge replacement projects. Design the security and supervisory control and data acquisition (SCADA) system connections from the new Bay Bridge to the new Toll Administration Building

Project Cost Not to Exceed: This Amendment - \$865,000 – comprised of \$455,000 for 3D modeling and documentation and \$410,000 for security and SCADA system design (Current contract - \$1,590,000 maximum contract amount after this amendment - \$2,455,000)

Funding Source: \$865,000 – Toll Bridge Seismic Retrofit Capital Funds

Fiscal Impact: Project costs are consistent with funds budgeted in the Seismic Retrofit Program budget.

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with Parsons Brinkerhoff to perform 3D modeling and documentation work for the new SFOBB East Span Replacement project and Security and SCADA system design for the new Toll Administration Building and the Chief Financial Officer is directed to set aside funds in an amount up to \$865,000 for such contract amendment, comprised of \$455,000 for 3D modeling and documentation and \$410,000 for security and SCADA System design.

BATA Oversight Chair:

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Bill Dodd

Approved: Date: May 9, 2012