

## **MOTION NO. M2014-08**

### **Contract Amendment for David Evans and Associates for Preliminary Engineering for Tacoma Trestle**

<b>MEETING:</b>	<b>DATE:</b>	<b>TYPE OF ACTION:</b>	<b>STAFF CONTACT:</b>	<b>PHONE:</b>
Capital Committee	2/13/2014	Final Action	Ahmad Fazel, DECM Executive Director <b>Eric Beckman, Deputy Executive Director</b> <b>Melissa Flores Saxe, Project Manager</b>	206-398-5389  206-398-5251  206-689-4968

### **PROPOSED ACTION**

Authorizes the chief executive officer to execute a contract amendment with David Evans and Associates to provide preliminary engineering services for the Tacoma Trestle Project in the amount of \$2,596,172 with a 10% contingency of \$259,617, totaling \$2,855,789, for a new total authorized contract amount not to exceed \$4,347,769, contingent upon Board approval of Resolution No. R2014-02 amending the Adopted 2014 Budget.

### **KEY FEATURES SUMMARY**

- The proposed action would amend the professional services contract to perform the next phase of work - Preliminary Engineering for replacement of the Tacoma Trestle. Preliminary Engineering will include the following:
  - Project management
  - Public involvement support
  - Environmental review
  - Preliminary engineering
    - Utilities coordination
    - 30% plans and specifications
    - 30% cost estimates
    - Basis of design report
  - Geotechnical engineering
  - Survey and Right-of-Way
  - Permit coordination
  - Third-party coordination
  - Additional services
- Subject to future Board action, this contract also includes an option for the consultant to complete the Final Design phase.

### **BACKGROUND**

The Tacoma Trestle Project covers the complete re-construction of track and structure upgrades along a 0.65-mile section of the Sounder South Line from the Tacoma Dome Station to East M Street in Tacoma. The project includes the replacement of the 100-year old single-track wooden trestle and steel girder bridge with a new double-track structure. Replacement of the trestle includes demolition and track removal of the existing bridge and trestle, upgrades to the embankment along the trestle, construction of new tracks and crossovers, construction of a new concrete viaduct, signal upgrades and erosion control. Service in the corridor will remain active throughout construction.

The professional services contract to provide conceptual engineering services was awarded in July 2013 to David Evans and Associates. This proposed amendment would transition the project from conceptual engineering to preliminary engineering. The preliminary engineering services will assist in determining the replacement of a single track wooden bridge with a new double track bridge along the Sounder commuter rail corridor in Tacoma.

Sound Transit is coordinating with the Washington State Department of Transportation's Rail Division and Amtrak to integrate their planned alterations at Freighthouse Square with this project. The proposed scope of work includes an option to complete preliminary engineering to construct a platform extension onto the new bridge structure.

The Tacoma Trestle Project is included in the ST2 plan and is scheduled for completion in 2017. Sound Transit received a federal TIGER Grant in the amount of \$10 million to advance the final design and construction phases of the project by 2017 to increase track capacity to accommodate the additional passenger and freight train operations.

To complete environmental review for the project the Federal Transit Administration (FTA) anticipates issuing a Documented Categorical Exclusion under the National Environmental Policy Act. An environmental checklist will also be prepared with a potential determination of non-significance for compliance with the State Environmental Policy Act.

## **FISCAL IMPACT**

The 2014 amended Lifetime Transit Improvement Plan for the Tacoma Trestle is \$11,454,519.50, including the accompanying request for Lifetime and Annual budget amendments. Within that amount, \$4,730,000 has been set aside for the Preliminary Engineering phase, of which \$1,491,980 is committed for the David Evans and Associates contract. The proposed action would commit an additional \$2,855,789 for this contract, leaving a remaining Preliminary Engineering phase budget balance of \$361,589.

This action is within the amended budget and sufficient monies remain after approval of this action to fund the remaining work in the preliminary engineering phase as contained in the current cost estimates.

	Amended 2014 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	592	123		123	469
Preliminary Engineering	4,730	1,513	2,856	4,368	362
Final Design	-	-		-	-
Right of Way	6,132	322		322	5,810
Construction	-	-		-	-
Construction Services	-	-		-	-
Third Party Agreements	-	-		-	-
Vehicles	-	-		-	-
<b>Total Current Budget</b>	<b>11,455</b>	<b>1,958</b>	<b>2,856</b>	<b>4,814</b>	<b>6,641</b>

#### Phase Detail

##### Preliminary Engineering

DEA Contract	1,492	1,492	2,856	4,348	(2,856)
Other Preliminary Engineering	3,238	21	-	21	3,217
<b>Total Phase</b>	<b>4,730</b>	<b>1,513</b>	<b>2,856</b>	<b>4,368</b>	<b>362</b>

#### Contract Detail

##### David Evans and Associate

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	1,356	1,356	2,596	3,953
Contingency Amount	136	136	260	395
<b>Total Contract</b>	<b>1,492</b>	<b>1,492</b>	<b>2,856</b>	<b>4,348</b>
Percent Contingency	10%	10%	10%	10%

#### Notes:

Amounts are expressed in Year of Expenditure \$000s.

Board Approvals = Committed To-Date + Contingency, and includes pending Board actions.

Amended 2014 TIP includes an accompanying budget amendment to the Lifetime and Annual budget.

Project budget page is located on page 50 of 187 of the Proposed 2014 Transit Improvement Plan (TIP).

## SMALL BUSINESS PARTICIPATION

### Small Business and DBE Goals

#### Sound Transit Goal:

Small Business: 8%

DBE: 4%

#### Commitment:

Small Business: 14.64%

DBE: 5.2%

This new commitment reflects both the conceptual engineering and preliminary engineering design phases of the contract.

The percentage of Small Business Enterprise (SBE) participation has increased. The Disadvantage Business Enterprise (DBE) participation has decreased as the scope for the project in the Preliminary Engineering stage has increased. To fulfill these scope changes existing DBE and SBE team members and new DBE and SBE firms were sought. Two DBE firms and two other SBE firms will have an increased role in the PE Stage and one new woman-owned DBE has been added. However, this participation will not fully offset the increase in participation by prime and other non-DBE/small business subconsultants.

To date, David Evans and Associates has used five out of six DBE team members, and all five small business firms during the conceptual engineering design phase.

<b>Subconsultant/Subcontractor</b>	<b>Business Type</b>	<b>% of Work</b>	<b>Amount</b>
EnviroIssues	DBE	1.93%	\$77,324
Clinkston Architects	Small Business	3.13%	\$125,571
Lin & Associates	DBE	.18%	\$7,039
Wetland Permitting Services	Small Business	0.57%	\$23,038
Advanced Government Services	DBE	0.6%	\$2,209
Holt Drilling	Small Business	4.66%	\$187,094
On-site Environmental, Inc	DBE	1.47%	\$58,935
Michael Minor & Associates, Inc.	DBE	.56%	\$22,521
Washington Forestry Consultants, Inc.	Small Business	.07%	\$3,000
BEC Engineers	Small Business	.14%	\$5,706
DL Design Group	DBE	.44%	\$17,762
Historical Research Associates	Small Business	1.48%	\$59,334
<b>Total</b>		<b>15.23%</b>	<b>\$589,533</b>

## **EQUAL EMPLOYMENT WORKFORCE PROFILE**

538 employees; 34% women; 14% minorities.

## **PUBLIC INVOLVEMENT**

A public open house will be held in February 2014 to introduce the conceptual engineering design concepts to the public and to receive customer feedback on the design concepts.

## **TIME CONSTRAINTS**

A one month delay would not create a significant impact to the project schedule.

## **PRIOR BOARD/COMMITTEE ACTIONS**

Motion No. M2013-47: Authorized the chief executive officer to execute a contract with David Evans & Associates to provide conceptual engineering services for the Tacoma Trestle Project in the amount of \$1,356,345, with a 10% contingency of \$135,635, for a total authorized contract amount not to exceed \$1,491,980.

## **ENVIRONMENTAL REVIEW**

JI 1/24/2014

## **LEGAL REVIEW**

LA 7 FEB 2014

## **MOTION NO. M2014-08**

A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with David Evans and Associates to provide preliminary engineering services for the Tacoma Trestle Project in the amount of \$2,596,172 with a 10% contingency of \$259,617, totaling \$2,855,789, for a new total authorized contract amount not to exceed \$4,347,769, contingent upon Board approval of Resolution No. R2014-02 amending the Adopted 2014 Budget.

### **BACKGROUND:**

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**MOTION:**

It is hereby moved by the Capital Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract amendment with David Evans and Associates to provide preliminary engineering services for the Tacoma Trestle Project in the amount of \$2,596,172 with a 10% contingency of \$259,617, totaling \$2,855,789, for a new total authorized contract amount not to exceed \$4,347,769, contingent upon Board approval of Resolution No. R2014-02 amending the Adopted 2014 Budget.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on February 13, 2014.



Fred Butler  
Capital Committee Chair

ATTEST:



Marcia Walker  
Board Administrator