

MOTION NO. M2013-66

**Contract Amendment for Final Design and Additional Design Support Services During Construction for the Tukwila Sounder Station**

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Board	8/22/13	Final Action	Ahmad Fazel, DECM Executive Director Eric Beckman, Project Director <b>Jon O'Hare, Project Manager</b>	206-398-5389 206-398-5251 206-903-7368

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract amendment with KPFF Consulting Engineers for final design activities and additional design services during construction for the Tukwila Sounder Commuter Rail Station Project in the amount of \$234,708, for a new total authorized contract amount not to exceed \$5,451,202.

KEY FEATURES SUMMARY

- The proposed amendment provides sufficient funding to complete final design services and Design Support Services During Construction (DSDC) for the permanent Tukwila Sounder Station.
- DSDC will include contractor coordination and final record drawings.
- The original estimate for DSDC inadvertently omitted services related to the preparation of record drawings. In addition, the amount requested also includes funding for coordination with other projects in the area.

BACKGROUND

The permanent Tukwila Sounder Station was originally designed to be located south of the current temporary platforms which are situated just south of Longacres Way. Conflicts with the location and timing of Renton's Strander Boulevard Project prompted a redesign to locate the station in the same location as the temporary platforms. The location change prevents further schedule delays and results in cost reductions. This redesign effort required additional work on behalf of the design consultant and additional reviews with project stakeholders.

Staff has been monitoring progress and expenditures throughout project development; the design consultant was asked to provide a final cost to complete the project through closeout. Sound Transit staff has reviewed the hours, charges, and list of deliverables and determined the proposed costs to be appropriate.

The station is served by Sounder and Amtrak Cascades trains using the Burlington Northern Santa Fe (BNSF) railroad tracks. The project was baselined on March 29, 2012 and this action is within the overall project budget. Features of the permanent station include two 600-foot long platforms with shelters, ADA compliant ramps, stairs, ticket vending machines, improvements to the underpass connecting the two platforms, a bus transit area with shelters, 390 car parking stalls, 68 bicycle parking spaces, and underground water quality and stormwater detention facilities. The existing temporary station will remain operable during construction of the permanent station. The station will also include low impact development (LID) features with the construction of rain gardens to manage stormwater runoff and contribute to Sound Transit's sustainability initiative.

## FISCAL IMPACT

The 2013 TIP for Tukwila Station is \$45,969,000. Within that amount \$5,216,494 has been set aside for the KPFF Consulting contract in the Preliminary Engineering and Final Design (FD) phase. The proposed action would allocate \$234,708 from the FD Unallocated Contingency to Civil/Architectural FD and DSDC lines in the FD phase, leaving a remaining budget balance of \$264,699 in the FD unallocated contingency.

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

### Tukwila Station

	2013 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	2,773	896		896	1,877
Preliminary Engineering	1,101	1,101		1,101	(0)
Final Design	4,724	4,251	235	4,486	238
Right of Way	11,009	8,796		8,796	2,213
Construction	24,281	18,679		18,679	5,602
Construction Services	2,081	1,534		1,534	547
Third Party Agreements				-	-
Vehicles				-	-
<b>Total Current Budget</b>	<b>45,969</b>	<b>35,256</b>	<b>235</b>	<b>35,491</b>	<b>10,478</b>

### Phase Detail

#### Final Design

Civil/Architectural FD	3,876	3,904	104	4,009	(132)
Design Support During Construc	293	265	130	395	(102)
FD Unallocated Contingency	499	-	-	-	499
Other Phase Activity	56	82	-	82	(26)
<b>Total Phase</b>	<b>4,724</b>	<b>4,251</b>	<b>235</b>	<b>4,486</b>	<b>238</b>

### Contract Detail KPFF Consulting

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	4,695	5,216	235	5,451
Contingency Amount	522	-	-	-
<b>Total Not to Exceed Value</b>	<b>5,216</b>	<b>5,216</b>	<b>235</b>	<b>5,451</b>
Percent Contingency	11%	0%	0%	0%

### Budget Shortfall

Budget Shortfall	235
Final Design Unallocated Contingency	235
<b>Total Funding</b>	<b>235</b>

#### Notes:

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

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

2013 TIP = Project budget located on page 59 of 206 of the Proposed 2013 Transit Improvement Plan (TIP)

The KPFF Consulting contract spans both Preliminary Engineering and Final Design phases.

This action was funded from unallocated contingency in the Final Design Phase.

## SMALL BUSINESS PARTICIPATION

KPFF Consulting Engineers is the prime consultant. The original contract had a small business participation goal of 5.6%. KPFF has achieved 6.85% in small business participation to date. For this contract amendment, the small business commitment is 8.5%.

<b>Subconsultant/Subcontractor</b>	<b>Business Type</b>	<b>% of Work</b>	<b>Amount</b>
Karen Keist Landscape Architecture	Small Business	0.56%	\$1,306
Tres West Mechanical Engineering	Small Business	3.54%	\$8,303
Tres West Electrical Engineering	Small Business	4.40%	\$10,337
<b>Total</b>		<b>8.50%</b>	<b>\$19,946</b>

## EQUAL EMPLOYMENT WORKFORCE PROFILE

248 employees; 29% women; 14.9% minorities.

## PUBLIC INVOLVEMENT

Not applicable to this action.

## TIME CONSTRAINTS

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

## PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2011-66: Authorized the chief executive officer to execute a contract amendment with KPFF Consulting Engineers to provide final design services for the permanent Tukwila Commuter Rail Station project in the amount of \$830,500 with a 10% contingency of \$83,050, for a new total authorized contract amount not to exceed \$5,216,494.

Motion No. M2009-59: Authorized the chief executive officer to execute a contract option with KPFF to provide final design services for the Tukwila Commuter Rail Sounder Station project and amend the contract in the amount of \$2,922,930 with a 10% contingency of \$292,293, for a new total authorized contract amount not to exceed \$4,302,944.

Motion No. M2007-73: Authorized the chief executive officer to execute a contract amendment with KPFF to provide preliminary engineering and environmental documentation services for the Tukwila Commuter Rail Station project in the amount of \$739,149 with a 10% contingency of \$73,915, for a new total authorized contract amount not to exceed \$1,087,721.

Motion No. M2005-136: Authorized the chief executive officer to execute a contract with KPFF to provide an Alternatives Analysis and a Project Sequencing Plan for the Tukwila Station in the amount of \$249,688 with a 10% contingency of \$24,969, for a total authorized contract amount not to exceed \$274,657.

## ENVIRONMENTAL REVIEW

Jl 7/25/2013

## LEGAL REVIEW

JEN 8/1/13

## **MOTION NO. M2013-66**

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with KPFF Consulting Engineers for final design activities and additional design services during construction for the Tukwila Sounder Commuter Rail Station Project in the amount of \$234,708, for a new total authorized contract amount not to exceed \$5,451,202.

### **BACKGROUND:**

The permanent Tukwila Sounder Station was originally designed to be located south of the current temporary platforms which are situated just south of Longacres Way. Conflicts with the location and timing of Renton's Strander Boulevard Project prompted a redesign to locate the station in the same location as the temporary platforms. The location change prevents further schedule delays and results in cost reductions. This redesign effort required additional work on behalf of the design consultant and additional reviews with project stakeholders.

The station is served by Sounder and Amtrak Cascades trains using the Burlington Northern Santa Fe (BNSF) railroad tracks. The project was baselined on March 29, 2012 and this action is within the overall project budget. Features of the permanent station include two 600-foot long platforms with shelters, ADA compliant ramps, stairs, ticket vending machines, improvements to the underpass connecting the two platforms, a bus transit area with shelters, 390 car parking stalls, 68 bicycle parking spaces, and underground water quality and stormwater detention facilities. The existing temporary station will remain operable during construction of the permanent station. The station will also include low impact development (LID) features with the construction of rain gardens to manage stormwater runoff and contribute to Sound Transit's sustainability initiative.

The proposed amendment provides sufficient funding to complete final design services and Design Support Services During Construction (DSDC) for the permanent Tukwila Sounder Station. DSDC will include contractor coordination and final record drawings. The original estimate for DSDC inadvertently omitted services related to the preparation of record drawings. In addition, the amount requested also includes funding for coordination with other projects in the area.

Staff has been monitoring progress and expenditures throughout project development; the design consultant was asked to provide a final cost to complete the project through closeout. Sound Transit staff has reviewed the hours, charges, and list of deliverables and determined the proposed costs to be appropriate.

**MOTION:**

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract amendment with KPFF Consulting Engineers for final design activities and additional design services during construction for the Tukwila Sounder Commuter Rail Station Project in the amount of \$234,708, for a new total authorized contract amount not to exceed \$5,451,202.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on August 22, 2013.

  
Pat McCarthy  
Board Chair

ATTEST:

  
Marcia Walker  
Board Administrator