

MOTION NO. M2014-25

Increase Contingency for East Link Extension Final Design Services – South Bellevue to Overlake Transit Center

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	4/10/2014	Recommendation to Board	Ahmad Fazel, DECM Executive Director
Board	4/24/2014	Final Action	Ron Lewis, Executive Project Director, East Link DeWitt Jensen, Corridor Design Manager - East Link (Bel-Red)

PROPOSED ACTION

Authorizes the chief executive officer to add contract contingency for a contract with H-J-H Final Design Partners to provide final design services for the South Bellevue to Overlake Transit Center segment of the East Link Extension in the amount of \$4,390,000, for a new total authorized contract amount not to exceed \$95,312,585.

KEY FEATURES SUMMARY

- At the direction of the Sound Transit Board and the Bellevue City Council, staff conducted a collaborative cost savings initiative at approximately 30 percent final design. Agreement was reached on a variety of cost savings ideas in the spring of 2013. The requested contingency would in part fund costs associated with carrying the selected design elements forward through the balance of final design.
- The requested contingency funds will also address the following anticipated and potential changes: design refinements related to value engineering and constructability workshops; a new safety hazard analysis; Citizen Advisory Committee input and the Design and Mitigation permit process; additional efforts to integrate design of utilities; refinements required to meet Sound Transit’s current Design Criteria Manual and City Code changes; revisions to contract packages; and, additional static and animated graphics for effective communication with the public.

BACKGROUND

East Link extends light rail 14 miles from downtown Seattle to downtown Bellevue and the Overlake area of Redmond via I-90, with stations serving Rainier Avenue/I-90, Mercer Island, South Bellevue, Downtown Bellevue, Overlake Hospital, the Bel-Red Corridor, Overlake Village, and the Overlake Transit Center. The East Link project route, profiles, and station locations, including the tunnel route in downtown Bellevue, were selected by the Sound Transit Board on July 28, 2011, and amended on April 25, 2013. Light rail service between Seattle and the Overlake Transit Center is forecasted to begin in 2023.

In March 2012, the Board authorized a contract with H-J-H Final Design Partners to perform Phase 1 (early work design services) of the South Bellevue to Overlake Transit Center segment of the East Link extension. In August 2012, the Board approved a contract amendment to include Phase 2 (final design services) for civil and architectural elements for a total contract amount of \$87,800,000. In 2013, the Board granted additional contracting authority specifically for design

services of the Overlake Village Bridge and Overlake Transit Center Bridge and station improvements, bringing the total authorized contract amount not to exceed \$90,922,585.

At the direction of the Sound Transit Board and the Bellevue City Council, staff conducted a collaborative cost savings initiative at approximately 30 percent final design. Agreement was reached on a variety of cost savings ideas in the spring of 2013. These changes require a number of design revisions and refinements as final design continues to progress. The original Phase 1 and Phase 2 design contract included budget for alignment, station, and support facility design, but did not include contingency for development, consideration, and advancement of multiple options and iterations. The contingency requested in this action would fund costs associated with carrying the selected design elements forward through the balance of final design.

Currently final design of civil facilities in this segment of the East Link Extension is approximately 60% complete for contract packages E320 – South Bellevue, E330 – Downtown Bellevue Tunnel, E335 – Downtown Bellevue to Spring District, and E340 – Bel-Red. In addition, the E360-SR 520 Corridor to Overlake Transit Center design build draft RFP package is also progressing as part of this final design contract. There are a number of design refinements within these contract packages that are necessary and are anticipated to be funded from the requested contingency, including: refinements related to value engineering and constructability workshops; a new safety hazard analysis; Citizen Advisory Committee input and the Design and Mitigation permit process; additional efforts to integrate design of utilities; refinements required to meet Sound Transit’s current Design Criteria Manual and City Code changes; revisions to contract packages; and additional static and animated graphics for effective communication with the public.

The contingency requested by this action is in the amount of \$4,390,000, which is 5% of the original Phase 1 and Phase 2 design contract of \$87,800,000. The requested contingency will provide funding for the pending change orders and potential change issues currently identified for this project.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction

Projected Completion Date for Final Design: 4Q 2015
 Project scope, schedule and budget summary located on page 39 of the January 2014 Agency Progress Report Light Rail Program.

FISCAL INFORMATION

This action is within the Adopted Budget and sufficient funds remain after approval of this action to fund the remaining work in the Final Design Phase as contained in the current budget.

East Link Extension	2014 TIP	Commitment to		Board		Uncommitted / (Shortfall)
		Date	This Action	Approved Plus Action		
Agency Administration	68,119	23,376	0	23,376	44,743	
Preliminary Engineering	56,594	55,123	0	55,123	1,471	
Final Design	232,621	152,231	4,390	156,621	76,000	
Right of Way	365,408	24,649	0	24,649	340,759	
Construction	24,000	0	0	0	24,000	
Construction Services	11,000	0	0	0	11,000	
Third Party Agreements	40,605	5,408	0	5,408	35,197	
Vehicles	0	0	0	0	0	
Total Current Budget	798,347	260,786	4,390	265,176	533,171	

Phase Detail - Agency Administration

LPC On-call Services	930	397	0	397	533
Other Phase Work	67,189	22,979	0	22,979	44,210
Total Phase	68,119	23,376	0	23,376	44,743

Phase Detail - Final Design

Civil/Arch FD Package 1	91,850	88,708	4,390	93,098	(1,248)
Other Phase Work	132,452	63,522	0	63,522	68,929
Unallocated Contingency	8,319	0	0	0	8,319
Total Phase	232,621	152,231	4,390	156,621	76,000

H-J-H Final Design Partners

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	90,923	89,508	0	90,923
Contingency	0	0	4,390	4,390
Total Contract Amount	90,923	89,508	4,390	95,313
Percent Contingency	0%	0%	100%	5%
Less Overlake Village Bridge Project	1,823	1,823	0	1,823
Total East Link Extension	89,100	* 87,686	4,390	93,490

Budget Shortfall	(1,248)
Final Design Unallocated Contingency	8,319
Remaining Phase UAC	7,071

Notes:

Amounts are expressed in Year of Expenditure \$000.

Board Approvals to Date includes amounts through February 28th, 2014, plus any pending Board Actions.

Project Budget is located on page 31 of the 2014 Proposed Transit Improvement Plan (TIP) plus 2013 Budget Amendment per Resolution R2013-31 adopted on 12.19.2013.

Board Approvals = Committed to-date + Contingency

* Difference between Board Approvals and Currently Approved Contract is \$1,414 which is the uncommitted Board Approved contracting amount for OV Bridge (M2013-10), and OTC Improvements (M2013-111).

SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

Participation by Small Businesses and Disadvantaged Business Enterprises (DBEs)

Sound Transit promotes and encourages small business participation, which also includes Disadvantaged Business Enterprises (DBEs). Consistent with Sound Transit Policies and Federal Regulations, Sound Transit has established Small Business/DBE goals for this contract. These goals are based upon an examination of subcontracting opportunities contained in the work of this contract and the number of Small Businesses/DBEs available to perform such subcontracting work.

For this specific contract, the following goals were set and the successful Bidder/Proposer has committed to the following Small Business/DBE Participation:

Small Business and Disadvantaged Business Enterprise Goals:

Commitment:

Small Business: Contractual 14.5%; Commitment: 16.5%

DBE: Contractual: 4%; Commitment: 10%

Performance to-date:

Small Business: 21.17%

DBE: 11.45%

Subconsultant/Subcontractor	Business Type	% of Work	Amount (as of 3/17/14)
H-J-H Joint Venture DBE ODCs	DBE	0.00%	\$ 4,200
ATS Consulting	Small Business	0.67%	\$ 588,117
Bolima Drafting & Design	DBE	0.43%	\$ 379,809
Bright Engineering	DBE	0.34%	\$ 297,896
C&N Consultants	Small Business	0.52%	\$ 457,420
Convergent Pacific	DBE	0.49%	\$ 430,738
Delcan - Quality Engineering	DBE	0.39%	\$ 342,340
Griffin Hill Associates	DBE	0.08%	\$ 67,660
Golder Associates SBE ODCs	Small Business	0.89%	\$ 786,011
Golder Associates DBE ODCs	DBE	0.15%	\$ 133,375
Golder - Hayre McElroy & Associates	DBE	0.10%	\$ 90,928
Golder - Icicle Creek Engineers	Small Business	0.09%	\$ 82,485
Golder - Pacific Geo Engineering	DBE	0.02%	\$ 18,806
Golder - Yonemitsu Geological Svs	DBE	0.15%	\$ 130,437
Grijalva Engineering	DBE	0.27%	\$ 234,675
Hough Beck & Baird	DBE	1.21%	\$ 1,071,183
International Bridge Technologies	Small Business	0.97%	\$ 851,653
Lin & Associates	DBE	1.76%	\$ 1,556,197
LKG-CMC	DBE	0.48%	\$ 424,389
Moniz Art + Architecture	DBE	0.41%	\$ 365,904
Nakano Associates	DBE	0.54%	\$ 475,022
O'Brien & Company	Small Business	0.14%	\$ 127,344
Ott Consulting	Small Business	0.14%	\$ 122,806
Planning & Management Services	Small Business	0.62%	\$ 547,441
ProDims	Small Business	0.87%	\$ 769,885
PRR	DBE	0.91%	\$ 799,328
ROMAR7	DBE	0.14%	\$ 125,294
Rushing Company	Small Business	1.70%	\$ 1,500,902
Rushing - Bolima Drafting & Design	DBE	0.01%	\$ 6,788
Shannon & Wilson SBE ODCs	Small Business	0.29%	\$ 251,788
Shannon & Wilson DBE ODCs	DBE	0.02%	\$ 18,729
S&W - Pacific Geo Engineering	DBE	0.13%	\$ 110,570
Site Development Associates	Small Business	0.08%	\$ 71,660
Tiscareno Associates	DBE	0.85%	\$ 753,561
True North Land Surveying	DBE	1.28%	\$ 1,132,732
The VOSK Group	DBE	0.90%	\$ 797,355
Grand Total Authorized Budgets		18.05%	\$ 15,925,427
SBE Total (16.5% Commitment)		18.05%	\$ 15,925,427
DBE Total (10.0% Commitment)		11.07%	\$ 9,767,916

**Total Budget for Early Work and Final Design: \$88,222,322

Does not include Provisional Sum

Apprenticeship Utilization

Not applicable to this action.

PUBLIC INVOLVEMENT

Sound Transit began scoping for East Link in 2006 and completed environmental review and preliminary design in 2011. During the environmental review phase Sound Transit conducted extensive community outreach; gathering community input on 24 project alternatives at 28 open houses, public hearings and workshops; and listening to project stakeholders and property owners at briefings. Since 2011, Sound Transit has hosted 3 open houses focusing on Cost Savings in the City of Bellevue and 10 Final Design phase open houses, in addition to numerous stakeholder and property owner briefings. To make information about East Link as widely available as possible, Sound Transit continually updates a variety of communication tools and materials, including a website, social media, fact sheets, e-newsletter, press releases, project animations and graphic displays.

TIME CONSTRAINTS

Final design will need to be advanced towards 90% by spring 2014 to meet the schedule and budget baseline milestone in 2014. A one month delay of this action would delay the start of these final design activities but would not impact the baseline milestone date.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2013-111: Authorized the chief executive officer to execute a contract amendment with H-J-H Final Design Partners, a joint venture of HNTB Corporation, Jacobs Engineering Group, Inc., and Hatch Mott MacDonald, for design services of the Overlake Transit Center within the East Link Extension in the amount of \$1,300,000, for a new total authorized contract amount not to exceed \$90,922,585.

Motion No. M2013-10: Authorized the chief executive officer to execute a contract amendment with H-J-H Final Design Partners, a joint venture of HNTB Corporation, Jacobs Engineering Group, Inc., and Hatch Mott MacDonald, for design services of the Overlake Village Bridge Project in the amount of \$1,822,585, for a new total authorized contract amount not to exceed \$89,622,585.

Motion No. M2012-57: Authorized the chief executive officer to execute a contract amendment with H-J-H Final Design Partners, a joint venture of HNTB Corporation, Jacobs Engineering Group, Inc., and Hatch Mott MacDonald, to provide Phase 2 final design services for the portion of the East Link project from South Bellevue to the Overlake Transit Center in the amount of \$83,000,000, for a new total authorized contract amount not to exceed \$87,800,000.

Motion No. M2012-12: Authorized the chief executive officer to execute a contract with H-J-H Design Partners (Joint Venture) to provide Phase 1 final design services for the East Link – South Bellevue to Overlake Transit Center Station project for a total authorized contract amount not to exceed \$4,800,000.

ENVIRONMENTAL REVIEW

JI 3/24/2014

LEGAL REVIEW

LA 4 April 2014

MOTION NO. M2014-25

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to add contract contingency for a contract with H-J-H Final Design Partners to provide final design services for the South Bellevue to Overlake Transit Center segment of the East Link Extension in the amount of \$4,390,000, for a new total authorized contract amount not to exceed \$95,312,585.

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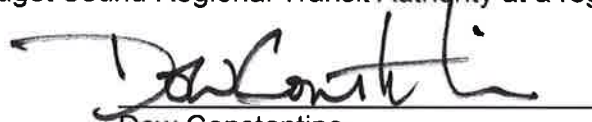
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provide funding for the pending change orders and potential change issues currently identified for this project.

MOTION:

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to add contract contingency for a contract with H-J-H Final Design Partners to provide final design services for the South Bellevue to Overlake Transit Center segment of the East Link Extension in the amount of \$4,390,000, for a new total authorized contract amount not to exceed \$95,312,585.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 24, 2014.



Dow Constantine
Board Chair

ATTEST:



Marcia Walker
Board Administrator