



MOTION NO. M2015-123

Amend Contract for Construction Management Consultant Services for Construction Phase of the Bellevue Segment of the East Link Extension

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	12/10/15	Recommend to Board	Ahmad Fazel, DECM Executive Director
Board	12/17/15	Final Action	Ron Lewis, Executive Project Director - East Link Tony Raben, Principal Construction Manager, East Link

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract amendment with HDR Engineering, Inc. to provide construction management consultant services for the construction phase of the Bellevue segment of the East Link Extension in the amount of \$97,409,091, with a 10% contingency of \$9,740,909, totaling \$107,150,000, for a new total authorized contract amount not to exceed \$110,940,000.

KEY FEATURES SUMMARY

- The construction management consultant services contract for the Bellevue segment of the East Link Extension is being implemented in two phases. Phase 1 – Pre-construction Services was authorized under Motion No. M2014-47 and is currently in progress.
- The proposed action would authorize Phase 2 – Construction Management Services. HDR will provide construction management support to the East Link Extension team in managing all construction elements of the Bellevue segment. The Bellevue segment is approximately five miles long and serves South Bellevue, Downtown Bellevue, the Bellevue hospital district, and the Bel-Red communities.
- The scope of work includes the following construction management and support functions: program management; resident engineering; office engineering; technical support and inspection; construction cost estimating; contract change management; scheduling; construction safety oversight; quality assurance activities; document control; tracking of diversity/small business/project labor agreement requirements; continued management of the E335 General Contractor/Construction Manager (GC/CM) pre-construction work; and oversight of work by adjacent private and public developments as well as public and private utility relocations.

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. In April 2015, the Sound Transit Board established the baseline budget and schedule for the project. Light rail service between Seattle and the Overlake Transit Center is forecasted to begin in 2023.

The Bellevue segment of the East Link Extension consists of a half-mile of tunnel, double track guideway, two long span interstate crossings, six stations, a parking garage, a park-and-ride lot, and

various roadway and utility work. Procurement of civil construction contracts has begun with construction anticipated to start in first quarter 2016. HDR Engineering, Inc. will provide project management and resident engineering teams to manage and administer these civil construction contracts.

In December 2013, Sound Transit issued a Request for Qualifications including the work for both Phase 1 – Pre-construction Services and Phase 2 – Construction Management Services. Four proposals were received and HDR Engineering, Inc. was determined to be the best qualified team for this work.

In July 2014, through Motion No. M2014-47, the Board authorized a contract with HDR for construction management pre-construction services for the Bellevue Segment. Staff negotiated both Phase 1 – Pre-construction Services and Phase 2 – Construction Management Services work with HDR prior to executing Phase 1.

Phase 1 pre-construction work included: procurement support, permit support, contract document review, construction estimate reviews, participation in value engineering, risk assessments and constructability reviews, construction management support, management of the E335 General Contractor/Construction Manager (GC/CM) pre-construction work, and oversight of early works by adjacent private and public developments and public and private utility relocations.

In April 2015, the Board adopted the East Link Extension baseline approving Gate 5 (establish baseline) and approved Gate 6 (proceed to construction). Following the baselining of East Link and the determination of HDR’s work performance for the pre-construction work is acceptable, Sound Transit updated the pre-negotiated Phase 2 work with HDR to align with the baseline scope and current schedule.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Projected Completion Date for Construction Services Phase: 1Q 2022
 Project scope, schedule and budget summary located on page 49 of the September 2015 Agency Progress Report.

FISCAL INFORMATION

This action is within the Adopted 2015 Budget and sufficient funds remain after approval of this action to fund the remaining work in the Construction Services Phase as contained in the current cost estimates.

East Link Extension	2015 TIP*	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	186,200	39,512	0	39,512	146,688
Preliminary Engineering	55,900	54,783	0	54,783	1,117
Final Design	283,000	231,876	0	231,876	51,124
Third Parties	52,150	11,995	0	11,995	40,155
Right of Way	298,150	131,350	0	131,350	166,800
Construction	2,544,300	158,390	0	158,390	2,385,910
Construction Services	257,450	19,282	107,150	126,432	131,018
Vehicles	0	0	0	0	0
Total Current Budget	3,677,150	647,189	107,150	754,339	2,922,811

Phase Detail - Construction Services

Bellevue Corridor CMC	110,940	3,790	107,150	110,940	(0)
Other Construction Services	146,510	15,492	0	15,492	2,385,910
Total Phase	257,450	19,282	107,150	126,432	2,385,910

**HDR Engineering, Inc
Contract Detail**

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	3,445	0	97,409	100,855
Contingency	345	0	9,741	10,085
Total Contract Amount	3,790	0	107,150	110,940
Percent Contingency	10%	0%	10%	10%

Notes:

* East Link Extension baseline project budget was approved by Board on April 23, 2015, Resolution No R2015-04.

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

Board Approvals to Date includes amounts through October 30, 2015 plus any pending Board Actions.

Board Approvals = Committed to-date + Contingency.

The 2015 Lifetime Adopted Budget for East Link Extension project is \$3,677,150,000. Within that amount, \$257,450,000 has been set aside for the Construction Services Phase. Out of that amount, \$19,282,329 has been committed for the Construction Services Phase including \$3,790,000 that has been committed for HDR Engineering, Inc. for Phase 1 - pre-construction management service.

The proposed action would commit an additional \$107,150,000 to HDR Engineering, Inc.'s contract for a new total authorized contract amount not to exceed \$110,940,000 to provide construction management consultant services for the construction phase of the Bellevue segment of the East Link Extension project leaving the remaining uncommitted budget of \$131,017,671 in the Construction Services Phase.

SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

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, including Phase 1- Pre-construction Services and Phase 2 – Construction Management Services, the following goals were established and HDR Engineering, Inc. has committed to the following Small Business/DBE participation:

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 15%

DBE: 7.5%

Commitment:

Small Business: 35%

DBE: 12%

Phase 2 Breakdown:

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Axis Consulting Associates	DBE	0.6%	\$ 620,054
Cs3W Associates	DBE	3.4%	\$ 3,333,116
Elcon Associates	Small Business	1.0%	\$ 974,726
Innovex Environmental Management	Small Business	3.5%	\$ 3,391,783
Jimale Technical Services	DBE	3.8%	\$ 3,722,100
ProDims	Small Business	5.5%	\$ 5,328,549
Saez Consulting Engineers	DBE	2.7%	\$ 2,646,882
Tarr Whitman Group/Cascadia	Small Business	8.5%	\$ 8,307,474
The Watershed Company	Small Business	0.1%	\$ 140,753
WHH Nisqually Federal Services	Small Business	5.0%	\$ 4,908,839
Wilson Ihrig & Associates	Small Business	0.6%	\$ 601,954
Wilson Jones Commissioning, LLC	Small Business	0.5%	\$ 491,565
Total		35.4%	\$ 35,216,765

PUBLIC INVOLVEMENT

Public outreach on the East Link Extension has taken place over the last nine years. Outreach activities have included meeting with community members, property owners, businesses, stakeholders, local jurisdictions, and agencies. Since the project kickoff in 2006, Sound Transit has hosted 35 public meetings, and has also held nearly 300 briefings to property owners and stakeholders.

TIME CONSTRAINTS

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

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2014-47: Authorized the chief executive officer to execute a contract with HDR Engineering, Inc. to provide construction management consultant services for the pre-construction phase of the Bellevue segment of the East Link Extension in the amount of \$3,445,455, with a 10% contingency of \$344,545, for a total authorized contract amount not to exceed \$3,790,000.

ENVIRONMENTAL REVIEW

JI 10/26/2015

LEGAL REVIEW

LA 4 December 2015

MOTION NO. M2015-123

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with HDR Engineering, Inc. to provide construction management consultant services for the construction phase of the Bellevue segment of the East Link Extension in the amount of \$97,409,091, with a 10% contingency of \$9,740,909, totaling \$107,150,000, for a new total authorized contract amount not to exceed \$110,940,000.

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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 HDR Engineering, Inc. to provide construction management consultant services for the construction phase of the Bellevue segment of the East Link Extension in the amount of \$97,409,091, with a 10% contingency of \$9,740,909, totaling \$107,150,000, for a new total authorized contract amount not to exceed \$110,940,000.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on December 17, 2015.



Dow Constantine
Board Chair

ATTEST:


Kathryn Flores
Board Administrator