

MOTION NO. M2014-47

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

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	07/10/2014	Final Action	Ahmad Fazel, DECM Executive Director Ron Lewis, Executive Project Director, East Link Richard Sage, Construction Management Director, DECM

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with HDR Engineering, Inc. to provide construction management consultant services for the preconstruction 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.

KEY FEATURES SUMMARY

- The Bellevue segment is approximately five miles long and serves South Bellevue, Downtown Bellevue, the Bellevue hospital district and the Bel-Red communities.
- The construction management consultant (CMC) contract for the Bellevue segment will be implemented in two phases: Phase 1 Preconstruction Services and Phase 2 Construction Management Services. This action is to authorize Phase 1 only.
- This action is needed because final design work for the Bellevue segment has progressed to 60%. Before construction contract documents are finalized, preconstruction services by the CMC will help verify that contract documents are well-developed and will promote a competitive bid process.
- Phase 1 preconstruction will include: 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) preconstruction work, and oversight of early works by adjacent private and public developments and public and private utility relocations.
- Following project baseline, anticipated in late 2014, and acceptable performance of Phase 1 work, Sound Transit may execute Phase 2 Construction Management Services work with HDR, subject to Sound Transit Board approval.

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.

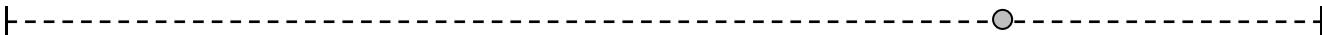
As part of early work in the Final Design phase, a construction delivery plan was developed which includes the contract packaging and delivery strategy as well as the construction management packaging plan.

The construction work and construction management work for the East Link Extension has been divided into nine construction contract packages and four construction management contracts. This CMC contract will provide project management and resident engineering teams to manage and administer the four civil construction contracts in the Bellevue segment. Separate CMC contracts will be procured to manage the remaining construction contracts; one for the I-90 civil construction contracts, one for the Design- Build construction contract in the SR 520 corridor and one for the project wide systems construction contract.

The Bellevue segment of the East Link project consists of at-grade, aerial, tunnel and retained cut/fill double track guideway, six stations including two elevated, two at-grade stations, one retained cut and one retained fill, one parking garage, one park and ride lot, a half mile of tunnel constructed by the Sequential Excavation Mining Method, two long span interstate crossings and various roadway and utility work.

Sound Transit issued a Request for Qualifications including the work for both Phase 1 – Preconstruction Services and Phase 2 – Construction Management Services and on December 9/ 2013, four proposals were received. HDR was determined to be the best qualified team for this work. Staff negotiated the CMC Phase 2 work with HDR but will not seek Board approval until following project baseline and successful progress on Phase 1.

PROJECT STATUS



Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Projected Completion Date for Bellevue Final Design: 2Q 2016
 Project scope, schedule and budget summary located on page 37 of the April 2014 Agency Progress Report.

FISCAL INFORMATION

The 2014 Lifetime Adopted Budget for East Link Extension project is \$798,346,894. Within that amount, \$11,000,000 has been set aside for the Construction Services Phase. No funds are committed yet. The proposed action would commit \$3,790,000 for this contract, leaving a remaining uncommitted balance of \$ 7,210, 000 in the Construction Services phase.

This action is within the Adopted 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	2014 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	68,119	25,431	0	25,431	42,688
Preliminary Engineering	56,594	55,123	0	55,123	1,471
Final Design	232,621	157,037	0	157,037	75,584
Third Party Agreements	40,605	5,431	0	5,431	35,174
Right of Way	365,408	34,543	0	34,543	330,865
Construction	24,000	0	0	0	24,000
Construction Services	11,000	0	3,790	3,790	7,210
Vehicles	0	0	0	0	0
Total Current Budget	798,347	277,565	3,790	281,355	516,991

Phase Detail -Construction Services					
Pre-construction Services General	11,000	0	3,790	3,790	7,210
Other Phase Work	0	0	0	0	0
Total Phase	11,000	0	3,790	3,790	7,210

HDR, Inc Contract Details	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	0	0	3,445	3,445
Contingency	0	0	345	345
Total Contract Amount	0	0	3,790	3,790
Percent Contingency	0%	0%	10%	10%

Notes:

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

Board Approvals to Date includes amounts through May 31st, 2014 plus any pending Board Actions.

Project Budget is located on page 31 of the 2014 Transit Improvement Plan (TIP) plus any pending Board Action.

Board Approvals = Committed to-date + Contingency.

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 the total CMC contract, including Phase 1- Preconstruction Services and Phase 2 – Construction Management Services, the Sound Transit Small Business and Disadvantaged Business Enterprise goals and HDR's commitments are as follows:

For the overall contract (Phase 1 and Phase 2) the Sound Transit Goal is:

Small Business: 15%

DBE: 7.5%

A separate goal was not established for Phase 1 – Preconstruction Services.

Because the preconstruction phase has fewer opportunities to utilize disadvantaged businesses due to the nature of the limited scope of work, the Phase 1 DBE commitment is lower than the Sound Transit DBE goal for the overall contract. However, the total SB/DBE commitment for the Bellevue segment CMC contract including Phase 1 and Phase 2 will be established when the work for Phase 2 – Construction Management Services is negotiated.

For Phase 1 HDR has made the following Small Business/DBE Participation commitments.

Small Business: 21.5%
DBE: 5%

Subconsultant/Subcontractor – Phase 1	Business Type	% of Work	Amount
Tarr Whitman Group	Small Business	16.5%	\$568,500
WHH Nisqually Federal Services	DBE	5.0%	\$172,272
Total		21.5%	\$740,7721

PUBLIC INVOLVEMENT

Public outreach on the East Link Extension has taken place over the last six 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

Not applicable to this action.

ENVIRONMENTAL REVIEW

JI 6/18/2014

LEGAL REVIEW

LA 3 July 2014

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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 with HDR Engineering, Inc. to provide construction management consultant services for the preconstruction 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.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on July 10, 2014.



Fred Butler
Capital Committee Chair

ATTEST:



Marcia Walker
Board Administrator