

MOTION NO. M2016-62

Contract Amendment for Design Build Project Management Services for the East Link Extension

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	06/09/2016	Recommend to Board	Ahmad Fazel, DCEM Executive Director
Board	06/23/2016	Final Action	Ron Lewis, Executive Project Director, East Link Eza Agoes, Construction Manager, East Link

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract amendment with Hill International, Inc. to provide Design Build Project Management services for the final design and construction of the SR 520 to Overlake Transit Center segment of the East Link Extension in the amount of \$19,005,018, with a 10% contingency of \$1,900,502, totaling \$20,905,520, for a new total authorized contract amount not to exceed \$21,894,020.

KEY FEATURES SUMMARY

- The SR 520 to Overlake Transit Center (E360) segment of the East Link Extension serves the Bel-Red, Overlake, and Microsoft Campus areas. This segment is approximately 1.8 miles long running along the eastbound side of SR 520 to the Overlake Transit Center at Microsoft's Campus located in Redmond.
- The Design Build Project Management (DBPM) services contract for the E360 segment is being implemented in two phases. Phase 1 – Pre-construction services was authorized under Motion No. M2014-88 and is currently in progress.
- The proposed action would authorize Phase 2 – DBPM services, specifically for the E360 Design Build Contract that will deliver almost two miles of light rail guideway, two stations, one parking garage, two pedestrian bridges crossing the existing SR 520 Highway, and two housings for Traction Power Substation (TPSS).
- The DBPM services include oversight and support for the final design and construction of E360 including resident engineering, office engineering and document control, cost estimating and contract change management, monitoring the Design-Builder's compliance with the safety, quality, environmental and project labor agreement requirements, tracking the Design-Builder's performance against the diversity and small business goals, and bring technical support to oversee the final design on as-needed basis.

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 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. The overall East Link Extension, providing light rail service between Seattle and the Overlake Transit Center, is forecasted to begin revenue service in 2023.

On May 26, 2016, the Sound Transit Board authorized execution of the E360 Design-Build Contract, with an anticipated Notice to Proceed of June 2016, which will authorize the Design-Build contractor to complete the final design and construction of the E360 segment. Construction of the E360 segment is expected to be completed by 1st quarter 2020.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Projected Completion Date for Construction Phase: Q1 2021

Project scope, schedule and budget summary located on page 43 of the March, 2016 Agency Progress Report.

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 Construction Services Phase as contained in the current cost estimates.

East Link Extension	2016 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	186,200	45,085	0	45,085	141,115
Preliminary Engineering	55,900	55,113	0	55,113	787
Final Design	283,000	238,372	0	238,372	44,628
Third Parties	52,150	28,409	0	28,409	23,741
Right of Way	298,150	149,800	0	149,800	148,350
Construction	2,544,300	407,672	0	407,672	2,136,628
Construction Services	257,450	128,703	20,906	149,608	107,842
Vehicles	0	0	0	0	0
Total Current Budget	3,677,150	1,053,154	20,906	1,074,060	2,603,090

Phase Detail - Construction Services

Civil CM	194,162	117,105	20,906	138,011	56,152
Other Construction Services Phase Work	63,288	11,598	0	11,598	51,690
Total Phase	257,450	128,703	20,906	149,608	107,842

Hill International Contract Detail

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	899	0	19,005	19,904
Contingency	90	0	1,901	1,990
Total Contract Amount	989	0	20,906	21,894
Percent Contingency	10%	0%	10%	10%

Notes:

Project budget is located on page 24 of the 2016 Adopted Transit Improvement Plan.
 Amounts are expressed in Year of Expenditure \$000s.
 Board Approvals to Date includes amounts through April 30, 2016 plus any pending Board Actions.
 Board Approvals = Committed to-date + Contingency.

The 2016 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 \$128,702,912 has been committed for the Construction Services Phase.

The proposed action would commit additional \$20,905,520 to Hill International contract for a new total authorized contract amount not to exceed \$21,894,020 to provide Design Build Project Management services for the final design and construction of the SR 520 to Overlake Transit

Center segment of the East Link Extension leaving the remaining uncommitted budget of \$107,841,568 in the Construction Services Phase.

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, including Phase 1 Pre-construction Services and Phase 2 DBPM Services, the following are Sound Transit's goals and Hill International's commitments to Small Business and DBE Participation:

Sound Transit Goals:

Small Business: 15%

DBE: 6.5%

Hill International's Commitments:

Small Business: 27%

DBE: 13%

For Phase 2 DBPM Services Only:

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Bldg. Envelope Tech	Small Business	0.32%	\$ 50,482
EEI	Small Business	0.82%	\$ 129,360
Donaldson Enterprises	DBE	0.74%	\$ 116,739
Greenbusch	Small Business	1.43%	\$ 225,591
KBA	Small Business	6.83%	\$1,077,472
Otto Rosenau	Small Business	2.34%	\$ 370,000
RHC Engineering	DBE	0.17%	\$ 26,818
Shen Consulting	DBE	4.35%	\$ 686,238
Tarr Whitman	Small Business	2.27%	\$ 358,106
Triunity	DBE	0.63%	\$ 99,386
Nakano	DBE	0.41%	\$ 64,680
Urban Forestry Services	DBE	0.28%	\$ 44,172
Safework CM	DBE	7.36%	\$1,161,083
True North Surveying	DBE	1.58%	\$ 250,000
Wilson Ihrig	Small Business	0.04%	\$ 6,310
Total		29.58%	\$4,666,436

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 60 public meetings, and has also held hundreds of briefings with 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. M2014-88: Authorized the chief executive officer to execute a contract with Hill International to provide consultant services for Phase 1 (Pre-construction Services) of the E360 segment of the East Link Extension in the amount of \$898,636, with a 10% contingency of \$89,864 for a total authorized contract amount not to exceed \$988,500.

ENVIRONMENTAL REVIEW

JI 5/26/2016

LEGAL REVIEW

LA 3 June 2016

MOTION NO. M2016-62

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with Hill International, Inc. to provide Design Build Project Management services for the final design and construction of the SR 520 to Overlake Transit Center segment of the East Link Extension in the amount of \$19,005,018, with a 10% contingency of \$1,900,502, totaling \$20,905,520, for a new total authorized contract amount not to exceed \$21,894,020.

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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 Hill International, Inc. to provide Design Build Project Management services for the final design and construction of the SR 520 to Overlake Transit Center segment of the East Link Extension in the amount of \$19,005,018, with a 10% contingency of \$1,900,502, totaling \$20,905,520, for a new total authorized contract amount not to exceed \$21,894,020.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on June 23, 2016.

A handwritten signature in blue ink, reading "Dow Constantine", written over a horizontal line.

Dow Constantine
Board Chair

ATTEST:

A handwritten signature in blue ink, reading "Kathryn Flores", written over a horizontal line.

Kathryn Flores
Board Administrator