



MOTION NO. M2017-48

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

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	4/13/2017	Recommend to Board	Ahmad Fazel, DECM Executive Director
Board	4/27/2017	Final Action	Ron Lewis, Executive Project Director – East Link Christy Sanders-Meena, Principal Construction Manager, East Link

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract amendment with Jacobs Project Management Company to provide construction management consultant services for the construction phase of the Seattle to South Bellevue segment of the East Link Extension in the amount of \$37,106,157, with a 5% contingency of \$1,855,308, totaling \$38,961,465, for a new total authorized contract amount not to exceed \$43,919,350.

KEY FEATURES SUMMARY

- The construction management consultant services contract for the Seattle to South Bellevue (E130) segment of the East Link Extension is being implemented in two phases. Phase 1 – Pre-construction Services, was authorized by the Board in 2015 and is currently in progress.
- The proposed action would authorize Phase 2 – Construction Management Services. Jacobs Project Management Company will provide construction management support to the East Link Extension team in managing all civil construction elements of the Seattle to South Bellevue segment.
- 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; 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 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 Seattle to South Bellevue Segment is approximately seven miles of light rail transit construction from the International District Station along the D2 roadway and the existing I-90 center roadway to the interface with the South Bellevue to Main Street Contract at the I-90 East Channel Bridge. This segment consists of trackway construction on existing facilities (at-grade, tunnel, floating bridge, and elevated bridge), two stations with vertical circulation facilities (Judkins

Park Station and Mercer Island Station), seismic and gravity load retrofits of existing WSDOT structures, tunnel fire/life/safety retrofits (within the Mt. Baker Tunnel and Mercer Island Lid), and civil construction of the interface with the existing operating light rail system at the International District Station.

Sound Transit issued a Request for Qualifications encompassing the work for both Phase 1 Pre-construction Services and Phase 2 – Construction Management Services and received two proposals on April 24, 2015. Jacobs Project Management Company was determined to be the best qualified team for this work.

In October 2015, through Motion No. M2015-89, the Board authorized a contract with Jacobs Project Management Company for construction management pre-construction services for the Seattle to South Bellevue Segment. Staff negotiated both Phase 1 – Pre-construction Services and Phase 2 – Construction Management Services work with Jacobs Project Management Company prior to executing Phase 1.

Phase 1 Pre-construction Services 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 pre-construction work, and oversight of early work 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 Jacobs Project Management Company’s work performance for the pre-construction work as acceptable, Sound Transit updated the pre-negotiated Phase 2 work with Jacobs Project Management Company 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 pages 43 of the January 2017 Agency Progress Report.

FISCAL INFORMATION

This action is within the baseline 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.

The baseline budget for the East Link Extension is \$3,677,150,000. Within the construction services phase, \$55,670,000 has been allocated for the budget line item for I-90 Corridor civil construction management consulting (CMC) work. The proposed action would commit an additional \$38,961,465 to this line item and leave a remaining budget balance of \$11,751,650.

East Link Extension
(in thousands)

Project Phase	Baseline Budget	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$186,200	\$55,761	\$	\$55,761	\$130,439
Preliminary Engineering	55,900	54,839		54,839	1,061
Final Design	283,000	239,027		239,027	43,973
Third Parties	52,150	39,341		39,341	12,809
Right of Way	298,150	210,960		210,960	87,190
Construction	2,544,300	2,102,781		2,102,781	441,519
Construction Services	257,450	150,371	38,961	189,332	68,118
Vehicles					
Total Current Budget	\$3,677,150	\$2,853,079	\$38,961	\$2,892,041	\$785,109
Phase Detail - Construction Services					
I-90 Corridor CMC	\$55,670	\$4,958	\$38,961	\$43,919	\$11,751
Other Construction Services	201,780	145,413		145,413	\$56,367
Total Phase	\$257,450	\$150,371	\$38,961	\$189,332	\$68,118
Jacobs Project Management Company Contract Detail					
	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval	
Contract Amount	\$4,722	\$4,722	\$37,106	\$41,828	
Contingency	236	236	1,855	2,091	
Total Contract Amount	\$4,958	\$4,958	\$38,961	\$43,919	
Percent Contingency	5%	5%	5%	5%	

Notes:

Amounts are expressed in Year of Expenditure.

Board Approvals = Committed To-Date + Contingency as of February 2017 includes pending Board actions.

For detailed project information, see page 26 of the Adopted 2017 Transit Improvement Plan (TIP).

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 Jacobs Project Management Company has committed to the following Small Business/DBE participation:

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 12%

DBE: 5%

Commitment:

Small Business: 20.08%

DBE: 12.18%

Phase 2 Breakdown:

Subconsultant/Subcontractor	Business Type	% of Work	Amount
CS3W Associates Inc.	DBE	5.0%	\$ 1,643,052
Lin & Associates, Inc.	DBE	7.6%	\$ 2,487,459
Otto Rosenau & Associates	Small Business	1.9%	\$ 629,095
Corrosion Mitigation	Small Business	1.0%	\$ 313,421
Tarr Whitman Group, LLC	Small Business	8.3%	\$ 2,702,977
Total		23.8%	\$ 7,776,005

PUBLIC INVOLVEMENT

The East Link project staff has been actively engaged with stakeholders at all levels throughout the project area. The neighboring communities have had numerous opportunities to meet with staff, learn about the project and provide Sound Transit with comments and questions. The final design has been a collaborative effort between Sound Transit and project stakeholders, including the local community, the Cities of Seattle, Bellevue, Mercer Island, the Washington State Department of Transportation, King County Transit providers, and Emergency service providers.

TIME CONSTRAINTS

A one-month delay could be accommodated. However, Board action in April is highly desirable and would be more compatible with the start of construction in June of this year.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2015-89: Authorized the chief executive officer to execute a contract with Jacobs Project Management Company to provide civil construction management consultant services for the preconstruction phase of the Seattle to South Bellevue segment of the East Link Extension in the amount of \$4,721,795, with a 5% contingency of \$236,090, for a total authorized contract amount not to exceed \$4,957,885.

ENVIRONMENTAL REVIEW

JI 4/6/2017

LEGAL REVIEW

JEN 04/07/2017

MOTION NO. M2017-48

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with Jacobs Project Management Company to provide construction management consultant services for the construction phase of the Seattle to South Bellevue segment of the East Link Extension in the amount of \$37,106,157, with a 5% contingency of \$1,855,308, totaling \$38,961,465, for a new total authorized contract amount not to exceed \$43,919,350.

BACKGROUND:

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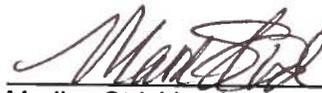
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MOTION:

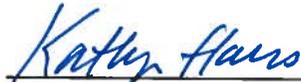
It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract amendment with Jacobs Project Management Company to provide construction management consultant services for the construction phase of the Seattle to South Bellevue segment of the East Link Extension in the amount of \$37,106,157, with a 5% contingency of \$1,855,308, totaling \$38,961,465, for a new total authorized contract amount not to exceed \$43,919,350.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 27, 2017.



Marilyn Strickland
Board Vice Chair

ATTEST:



Kathryn Flores
Board Administrator