

MOTION NO. M2018-150
Lynnwood Link Extension CMC Phase 2 Construction Management Services

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	11/08/2018	Recommend to Board	Ron Lewis, Acting DECM Executive Director
Board	11/15/2018	Final Action	Rod Kempkes, Executive Project Director – Lynnwood Link Extension Jonathan Gabelein, Principal Construction Manager, Lynnwood Link Extension

PROPOSED ACTION

Authorizes the chief executive officer to amend the contract with PGH Wong Engineering, Inc. to provide construction management services for the construction phase of the Lynnwood Link Extension in the amount of \$70,704,071, with a 7% contingency of \$4,722,859, totaling \$75,426,930, for a new total authorized contract amount not to exceed \$83,729,135.

KEY FEATURES SUMMARY

- The Lynnwood Link Extension construction management consultant (CMC) contract is being implemented in two phases. Phase One – Preconstruction Services was authorized by the Board under Motion M2016-41 and is currently in progress.
- The proposed action authorizes Phase Two – Construction Management Services. PGH Wong Engineering, Inc. will provide construction management support to the Lynnwood Link Extension team in managing all construction elements of the two heavy civil General Contractor/Construction Manager (GC/CM) contracts.
- The construction management services includes: project management; resident engineering; office engineering; technical support and inspection; construction cost estimating; contract change management; scheduling; construction safety support; quality assurance activities; environmental inspection and testing; document control and commissioning support.

BACKGROUND

The Lynnwood Link Extension extends light rail 8.5-miles from Northgate to Lynnwood with service to the cities of Shoreline, Mountlake Terrace, and Lynnwood. The extension will travel primarily along I-5 and include four stations at NE 145th Street, NE 185th Street, Mountlake Terrace Transit Center, and Lynnwood Transit Center. New parking structures will be provided at NE 145th Street, NE 185th Street, and Lynnwood Transit Center. The project began Final Design in 2016 and is scheduled to open for service in 2024.

The Lynnwood Link Extension Final Environmental Impact Statement was issued in April 2015, in compliance with the State Environmental Policy Act (SEPA) and the National Environmental Policy Act (NEPA). The Sound Transit Board selected the project route, profile, and stations on April 23, 2015. The Federal Transit Administration issued a NEPA Record of Decision (ROD) for the project on July 10, 2015 and the Federal Highway Administration issued a ROD on August 31, 2015.

In April 2016, through Motion No. M2016-41, the Board authorized a contract with PGH Wong Engineering, Inc. for Phase One Preconstruction Services. Phase One Preconstruction Services

included: design review, review of GC/CM submittals, third party coordination support, cost estimating, scheduling, maximum allowable construction cost (MACC) negotiations support and construction phase preparation.

In May 2018, the Board adopted the Lynnwood Link Extension baseline. Following the baselining of Lynnwood Link and Sound Transit’s assessment of PGH Wong Engineering, Inc.’s performance of the preconstruction work as acceptable, Sound Transit updated the pre-negotiated Phase 2 Construction Management Services work to align with the baseline scope and current schedule.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering / Draft EIS	Preliminary Engineering / Final EIS	Final Design	Construction
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Projected Completion Date for Final Design Phase: Q2 2019
 Project scope, schedule, and budget summary located on page 31 of the August 2018 Link Light Rail Program Progress Report.

PROCUREMENT INFORMATION

Sound Transit issued a Request for Qualifications including the work for both Phase 1 Preconstruction Services and Phase 2 Construction Management Services and received three proposals in December 2015. PGH Wong Engineering, Inc. was determined to be the most qualified (top ranked) firm for this work.

FISCAL INFORMATION

The authorized project allocation to date for Lynnwood Link Extension project is \$2,771,622,000. Within that amount, \$128,429,000 has been allocated to the construction services phase. Of this amount, \$83,860,000 is allocated to the Civil Construction Management budget line. This proposed action will commit another \$75,426,930 to this line, leaving a remaining uncommitted budget balance of \$130,865.

This action is within the authorized project allocation and sufficient monies remain after the approval of this action to fund the remaining work in the construction services phase as contained in the current cost estimate.

Lynnwood Link Extension
(in thousands)

	Authorized Project Allocation to Date	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$98,164	\$25,677	\$	\$25,677	\$72,487
Preliminary Engineering	39,054	39,054		39,054	
Final Design	164,162	114,838		114,838	49,324
Right of Way	235,660	115,364		115,364	120,296
Construction	1,921,391	20,728		20,728	1,900,663
Construction Services	128,429	22,596	75,427	98,023	30,406
Third Party	14,600	10,875		10,875	3,725
Vehicles					
Contingency	170,162				170,162
Total Current Budget	\$2,771,622	\$349,131	\$75,427	\$424,558	\$2,347,064

Phase Detail
Construction Service

Civil CM	\$83,860	\$8,302	\$75,427	\$83,729	\$131
Remaining Construction Phase	44,569	14,294		14,294	30,275
Total Phase	\$128,429	\$22,596	\$75,427	\$98,023	\$30,406

Contract Detail PGH Wong Engr	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	\$7,547	\$7,547	\$70,704	\$78,252
Contingency	\$755	755	4,723	5,478
Total	\$8,302	\$8,302	\$75,427	\$83,729
Percent Contingency	10%	10%	7%	7%
Total Lynnwood Link Extension	\$8,302	\$8,302	\$75,427	\$83,729

Notes:

Amounts are expressed in Year of Expenditure

Board Approvals = Committed To-Date + Contingency as of Sep 2018 and includes pending Board actions.

For detailed project information, see page 22 of the Adopted 2018 Transit Improvement Plan, as amended by resolution of the ST Board in May 2018 (R2018-16, adopted 05/24/18).

SMALL BUSINESS/DBE PARTICIPATION

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 contract, including Phase 1 Preconstruction Services and Phase 2 Construction Management Services, the following goals were set and PGH Wong Engineering has committed to the following Small Business/DBE Participation:

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 12.0%

DBE: 6.0%

Commitment:

Small Business: 14.1%

DBE: 7.1%

Subconsultant/Subcontractor	Business Type	% of Work
CS3W Associates, Inc.	DBE	2.2%
GeoTest Services, Inc.	Small Business	3.5%
KBA, Inc.	Small Business	3.5%
Lin & Associates, Inc.	DBE	1.6%
Nakano Associates	DBE	0.3%
Safeworks, Inc.	DBE	3.0%
TOTAL		14.1%

PUBLIC INVOLVEMENT

Sound Transit is committed to hearing from the public about the Lynnwood Link Extension light rail project. Over the past five years, outreach has met with communities, businesses, stakeholders, property owners, and agencies to help shape the project by asking questions, talking with project staff, and providing ideas and comments as the project moved through the early planning and environmental review phase. Public input will continue into final design as we engage the communities and stakeholders as a part of the station design process and other aspects of the project.

TIME CONSTRAINTS

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

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2016-41: Authorized the chief executive officer to execute a contract with PGH Wong Engineer, Inc. to provide construction management services for the pre-construction phase of the Lynnwood Link Extension, in the amount of \$7,547,459, with a 10% contingency of \$754,746, for a total authorized contract amount not to exceed \$8,302,205.

ENVIRONMENTAL REVIEW

KH 10/15/2018

LEGAL REVIEW

AJP 11/2/18

MOTION NO. M2018-150

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to amend the contract with PGH Wong Engineering, Inc. to provide construction management services for the construction phase of the Lynnwood Link Extension in the amount of \$70,704,071, with a 7% contingency of \$4,722,859, totaling \$75,426,930, for a new total authorized contract amount not to exceed \$83,729,135.

BACKGROUND:

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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 amend the contract with PGH Wong Engineering, Inc. to provide construction management services for the construction phase of the Lynnwood Link Extension in the amount of \$70,704,071, with a 7% contingency of \$4,722,859, totaling \$75,426,930, for a new total authorized contract amount not to exceed \$83,729,135.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on November 15, 2018.



Dave Somers
Board Chair

ATTEST:



Kathryn Flores
Board Administrator