



Motion No. M2019-14

Contract Modification for Civil Design Services During Construction for the Lynnwood Link Extension

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee Board	02/14/2019 02/28/2019	Recommend to Board Final action	Ron Lewis, DECM Executive Director Rod Kempkes, Executive Project Director - Lynnwood Link Extension Fouad Chihab, Civil Corridor Design Manager

Proposed action

Authorizes the chief executive officer to modify the contract with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide civil design services during construction for the Lynnwood Link Extension in the amount of \$23,464,459, with a 10% contingency of \$2,346,446 totaling \$25,810,905 for a new total authorized contract amount not to exceed \$132,375,879.

Key features summary

- The proposed action will provide civil design services during construction (DSDC) for the Lynnwood Link Extension. This action was contemplated as part of project delivery.
- Heavy civil construction is scheduled to begin in the second quarter of 2019. The DSDC work includes contractor submittal review and civil design coordination with the civil contractor, the systems contractor, third parties/jurisdictions, and the Washington State Department of Transportation.
- The amount requested will fund DSDC through completion of civil construction, anticipated for October 2023.

Background

The Lynnwood Link Extension project extends light rail 8.5 miles from Northgate Station in Seattle through Shoreline and Mountlake Terrace to the Lynnwood Transit Center in Lynnwood. The project is primarily along I-5, with stations at NE 145th Street, NE 185th Street, Mountlake Terrace Transit Center and Lynnwood Transit Center. The alignment includes elevated and at-grade retained cut/fill portions. On November 19, 2015, through Resolution No. R2015-30, The Sound Transit Board authorized the chief executive officer to advance the Lynnwood Link Extension project to final design. In May 2018, the Sound Transit Board established the baseline budget and schedule for the project. Revenue service is forecasted to begin in summer 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. Sound Transit issued a SEPA Addendum on May 3, 2018, which includes additional environmental information related to project refinements proposed since the Final EIS was issued.

This contract modification provides DSDC for the Lynnwood Link Extension work packages associated with the following construction contracts and planned modifications.

- Northgate Way to NE 200th Street (early work package) – authorized by the Board in December 2018 under Motion No. M2018-166.
- NE 200th Street to Lynnwood Transit Center (early work package) – scheduled for Board consideration in February 2019.
- Northgate Way to NE 200th Street (main work package), which includes all guideway, civil, stations, and garages – a contract modification anticipated for Board consideration in second quarter 2019.
- NE 200th Street to Lynnwood Transit Center (main work package), which includes all guideway, civil, stations, garage, and 200th Street improvements – a contract modification anticipated for Board consideration in third quarter 2019.

Project status

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Project Identification	Alternatives Identification	Conceptual Engineering/ Draft EIS	Preliminary Engineering/ Final EIS	Final Design	Construction

Projected Completion Date for Construction Phase: 3Q 2024 Project scope, schedule and budget summary are located on page 29 of the November 2018 Link Light Rail Program Progress Report.

Procurement information

A Request for Qualifications (RFQ) for final design with DSDC as a future phase was advertised in September 2015. Four Statements of Qualifications (SOQs) were submitted in October 2015. The SOQs were reviewed and evaluated based on the criteria included in the published RFQ. Three firms were invited to interview. HNTB Jacobs Trusted Design Partners was determined to be the highest ranked firm based on qualifications, and entered into the contract after successful cost negotiation. Civil design services during construction (DSDC) was included as an optional task in the contract at the time of contract execution.

Fiscal information

This action is within the baseline budget for this project and sufficient funds remain after approval of this action to fund the remaining work in the Final Design phase as contained in the current cost estimates.

The baseline budget for the Lynnwood Link Extension project is \$2,771,622,000. Within the Final Design phase, \$32,800,000 has been allocated to the budget line item for civil design services during construction (DSDC). This proposed action would commit \$25,810,905 to the budget line, leaving a remaining budget balance of \$6,989,095.

Lynnwood Link Extension

(in thousands)

	Baseline Budget	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Administration	\$98,164	\$27,752	\$	\$27,752	\$70,412
Preliminary Engineering	39,054	39,053		39,053	1
Final Design	164,162	114,876	25,811	140,687	23,475
Third Party Agreements	14,600	10,875		10,875	3,725
Right of Way	235,660	123,508		123,508	112,152
Construction	1,921,391	183,545		183,545	1,737,846
Construction Services	128,429	98,023		98,023	30,406
Vehicles					
Project Contingency	170,162				170,162
Total Current Budget	\$2,771,622	\$597,633	\$25,811	\$623,444	\$2,148,178
Phase Detail					
Final Design					
Civil DSDC	\$32,800	\$	\$25,811	\$25,811	\$6,989
Other Final Design	131,362	114,876		114,876	16,486
Total Phase	\$164,162	\$114,876	\$25,811	\$140,687	\$23,475

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Civil DSDC Systems (HNTB Jacobs)				
Contract Amount Lynnwood	\$98,135	\$100,796	\$23,464	\$121,599
Contingency Lynnwood	5,613	2,952	2,346	7,959
Total Lynnwood	\$103,747	\$103,747	25,811	\$129,558
Contract Amount 130th St Station	\$2,561	\$2,561	\$	\$2,561
Contingency 130th St Station	256	256		256
Total 130th St Station	\$2,818	\$2,818		\$2,818
Contract Amount Total	\$100,696	\$103,357	\$23,464	\$124,160
Contingency Total	5,869	3,208	2,346	8,215
TOTAL Contract	\$106,565	\$106,565	25,811	\$132,376
Percent Contingency	6%	3%	10%	7%

Notes:

Amounts are expressed in Year of Expenditure.

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

For detailed project information, see page 108 of the 2019 Financial Plan & Proposed Budget.

Disadvantaged and small business 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 specific contract, the following goals were set and HNTB Jacobs Trusted Design Partners has committed to the following small business/DBE participation:

Disadvantaged and Small Business enterprise	
Sound Transit small business goal: 14%	Small business commitment: 16.5%
DBE goal: 7%	DBE commitment: 10%

HNTB Jacobs Trusted Design Partners has achieved 19.0 percent small business participation and 12.0 percent DBE participation on final design work to date through December 2018.

Public involvement

The Lynnwood Link Extension 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, Shoreline, Mountlake Terrace, and Lynnwood; the Washington State Department of Transportation; King and Snohomish County transit providers; and emergency service providers.

Time constraints

A one-month delay could impact the design support during construction services being performed by the designer of record, as early work is commencing during the first quarter of 2019

Prior Board/Committee actions

Motion No. M2019-166: Authorized the chief executive officer to execute a construction contract with Stacy and Witbeck – Kiewit-Hoffman, a Joint Venture, to provide Heavy Civil General Contractor/ Construction Manager construction services for the Northgate Station to NE 200th Street segment within the Lynnwood Link Extension in the amount of \$88,147,300, with a 7% contingency of \$6,170,300, for a total authorized contract amount not to exceed \$94,317,600.

Motion No. M2019-04: Authorized the chief executive officer to execute a contract amendment with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide conceptual engineering and preliminary engineering services for the NE 130th Street Infill Station project in the amount of \$2,561,477, with a 10% contingency of \$256,148 totaling \$2,817,625, for a new total authorized contract amount not to exceed \$106,564,974.

Motion No. M2018-85: Authorized the chief executive officer to execute a contract amendment with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide civil final design services for the Lynnwood Link Extension in the amount of \$27,878,273, with a contingency of \$2,100,000, totaling \$29,978,273, for a new total authorized contract amount not to exceed \$103,747,349.

Motion No. M2016-29: Authorized the chief executive officer to execute a contract with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide civil final design services for the Lynnwood Link Extension in the amount of \$70,256,263, with a 5% contingency of \$3,512,813, for a total authorized contract amount not to exceed \$73,769,076.

Environmental review – KH 1/24/19

Legal review – JEN 02/08/2019

Motion No. M2019-14

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to modify the contract with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide civil design services during construction for the Lynnwood Link Extension in the amount of \$23,464,459, with a 10% contingency of \$2,346,446 totaling \$25,810,905 for a new total authorized contract amount not to exceed \$132,375,879.

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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 modify the contract with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., to provide civil design services during construction for the Lynnwood Link Extension in the amount of \$23,464,459, with a 10% contingency of \$2,346,446 totaling \$25,810,905 for a new total authorized contract amount not to exceed \$132,375,879..

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on February 28, 2019.



John Marchione
Board Chair

Attest:



Kathryn Flores
Board Administrator