



Motion No. M2022-23

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

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee	03/10/2022	Recommend to Board	Ron Lewis, DECM Executive Director
Board	03/24/2022	Final action	Randy Harlow, Executive Project Director, DECM Waleed Khalid, Civil Corridor Senior Design Manager, Portfolio Services Office

Proposed action

Authorizes the chief executive officer to increase the contract contingency for the Lynnwood Link Extension project with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., for civil design services during construction in the amount of \$13,374,239, for a new total authorized contract amount not to exceed \$154,243,967, all within the previously-approved baseline budget of \$2,771,622,000 for the Lynnwood Link Extension.

Key features summary

- The initial civil design services during construction (DSDC) scope for the Lynnwood Link Extension project was authorized by the Board in Motion No. M2019-14. The proposed action authorizes additional contracting capacity for HNTB Jacobs Trusted Design Partners to provide DSDC services through completion of the Lynnwood Link Extension civil construction contracts.
- Additional contracting capacity is necessary to accommodate jurisdictional requirements for Engineer of Record review and approval of additional documents to demonstrate compliance with permit conditions.
- Additional capacity is also required within this agreement to accommodate the following project needs:
 - Support for the construction of additional construction packages (e.g. the 200th Street SW widening),
 - Additional support for the acquisition of municipal construction and utility permits,
 - Additional support for Right-of-Way and Real Properties to assist with the acquisition of entry rights needed for construction and operations, and
 - Sustainability support to pursue Leadership in Energy and Environmental Design certification for the Lynnwood City Center Station, consistent with Agency sustainability objectives.

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 extension will travel primarily along I-5, with stations at NE 148th Street, NE 185th Street, the Mountlake Terrace Transit Center and the Lynnwood Transit Center. New parking structures will be provided at NE 148th Street, NE 185th Street, and the 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. The project began Final Design in 2016 and is scheduled to open for service in 2024.

In February 2019, through Motion No. M2019-14, the Board authorized modification of 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 design services during construction for the Lynnwood Link Extension civil construction contracts.

This action authorizes an increase in the maximum authorized contract amount with HNTB Jacobs Trusted Design Partners. This increase does not necessitate the allocation of new funds for the Lynnwood Link Extension, but rather allows the project team to increase the levels of service provided by the firm to support the completion of the Extension.

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 the Construction Phase: 3Q 2024

Project scope, schedule and budget summary are located on page 86 of the January 2022 Agency 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 were determined to be the highest ranked firm based on qualifications and entered the contract after successful cost negotiation. DSDC was included as an optional task in the contract at the time of contract execution. The initial DSDC scope for the Lynnwood Link Extension project was authorized by the Board in Motion No. M2019-14.

The proposed amendment has been reviewed and likewise determined to represent fair and reasonable compensation for the additional level of effort contemplated therein. Additionally, the work within this amendment falls within the originally contemplated agreement scope.

Fiscal information

This action is within the baseline budget and sufficient monies remain after approval of this action to fund the remaining work in the final design phase as contained in the current cost estimates. This action does not impact the affordability of the agency's Financial Plan or any other system expansion project.

The baseline budget for the Lynnwood Link Extension project is \$2,771,622,000. Within the final design phase, \$39,500,000 has been allocated to the budget line item for Civil DSDC. The proposed action would commit \$13,374,239 to this line item and leave a remaining budget balance of \$359,878.

Lynnwood Link Extension
(in thousands)

	Baseline Budget	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Administration	\$98,164	\$53,375		\$53,375	\$44,789
Preliminary Engineering	39,054	39,053		39,053	1
Final Design	164,162	145,413	13,374	158,787	5,375
Third Party Agreements	17,600	13,325		13,325	4,275
Right of Way	219,053	178,350		178,350	40,704
Construction	2,094,553	1,978,750		1,978,750	115,803
Construction Services	139,036	136,986		136,986	2,049
Vehicles					
Project Contingency					
Total Current Budget	\$2,771,622	\$2,545,251	\$13,374	\$2,558,625	\$212,997
Phase Detail					
Final Design					
Civil DSDC	\$39,500	\$25,766	\$13,374	\$39,140	\$360
Other Final Design	124,662	119,647		119,647	5,015
Total Phase	\$164,162	\$145,413	\$13,374	\$158,787	\$5,375
Contract Detail					
Civil DSDC Systems (HNTB Jacobs)					
	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval	
Contract Amount Lynnwood	\$126,880	\$126,880		\$126,880	
Contingency Lynnwood	2,581	2,581	13,374	15,955	
Total Lynnwood Link Ext.	129,460	129,460	13,374	142,835	
Contract Amount 130th St Station	10,622	10,622		10,622	
Contingency 130th St Station	689	689		689	
Total 130th St Station	11,311	11,311		11,311	
Contract Amount I-405 BRT	98	98		98	
Contingency I-405 BRT					
Total I-405 BRT	98	98		98	
Contract Amount Total	137,600	137,600		137,502	
Contingency Total	3,270	3,270	13,374	16,644	
TOTAL Contract	\$140,870	\$140,870	\$13,374	\$154,244	
Percent Contingency	2%	2%	100%	12%	

Notes:
 Amounts are expressed in Year of Expenditure \$000s.
 * Board Approvals = Commitment and PO Contingency Remaining as of 2/22/22.
 For detailed project information, see page 93 of the 2022 Financial Plan & Adopted Budget.

Disadvantaged and small business participation

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

Small business and disadvantaged business enterprise (DBE) goals	
Sound Transit small business goal: 14%	Small business commitment: 16.5%
DBE goal: 7%	DBE commitment: 10%

HNTB/Jacobs Trusted Design Partners has achieved 18.1 percent small business participation and 10.1 percent DBE participation on civil construction management services through December 2021.

Public involvement

Construction is currently ongoing across the entire Lynnwood Link Extension alignment. Sound Transit continues to maintain community outreach efforts across the alignment as construction progresses and to ensure community concerns are addressed.

Time constraints

A one-month delay could impact the design support during construction services being performed by the designer of record to support ongoing construction activities.

Prior Board/Committee actions

Motion No. M2020-14: Authorized the chief executive officer to increase specific contracts and agreements as necessary to support the Advance Incrementally or Advance Fully options for the NE 130th Street Infill Station, for a total limited funding authorization amount not to exceed \$20,000,000 contingent upon Board approval of Resolution No. R2020-01.

Motion No. M2019-14: Authorized 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.

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 2/28/22

Legal review – JSA 3/7/22



Motion No. M2022-23

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to increase the contract contingency for the Lynnwood Link Extension project with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., for civil design services during construction in the amount of \$13,374,239, for a new total authorized contract amount not to exceed \$154,243,967, all within the previously-approved baseline budget of \$2,771,622,000 for the Lynnwood Link Extension.

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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 increase the contract contingency for the Lynnwood Link Extension project with HNTB Jacobs Trusted Design Partners (a Joint Venture of HNTB Corporation and Jacobs Engineering Group, Inc.), HNTB Corporation, and Jacobs Engineering Group, Inc., for civil design services during construction in the amount of \$13,374,239, for a new total authorized contract amount not to exceed \$154,243,967, all within the previously-approved baseline budget of \$2,771,622,000 for the Lynnwood Link Extension.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on March 24, 2022.



Kent Keel
Board Chair

Attest:



Kathryn Flores
Board Administrator