

MOTION NO. M2017-140

Add Contingency to the Northgate Link Civil CMC Contract

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	11/09/2017	Recommend to Board	Ahmad Fazel, DECM Executive Director Don Davis, Executive Project Director
Board	11/16/2017	Final Action	Rick Capka, Principal Construction Manager

PROPOSED ACTION

Authorizes the chief executive officer to increase the contingency for the Northgate Link Extension civil construction management consultant services contract with North STAR, a joint venture of CH2M-Hill, Inc. and Jacobs Project Management Company, in the amount of \$1,800,000, for a new total authorized contract amount not to exceed \$84,830,456.

KEY FEATURES SUMMARY

- North STAR provides construction management services for the civil construction contracts associated with the Northgate Link Extension.
- The contract 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; quality assurance oversight; environmental inspection and testing; document control; and tracking of diversity, small business and project labor agreement requirements.
- An increase to the contract contingency is required to fund construction management services for the Northgate Link Extension trackwork construction contract, a construction contract that was not anticipated when the original civil construction management consultant (CMC) services contract was negotiated and awarded in 2012.
- In 2012, trackwork construction was planned to be included within the systems construction contract, similar to the approach used on the University Link Extension. Subsequently, based on experience gained during University Link Extension construction, the decision was made on the Northgate Link Extension to separate trackwork construction from systems construction. Additional CMC resources are now required to manage this separate construction contract.

BACKGROUND

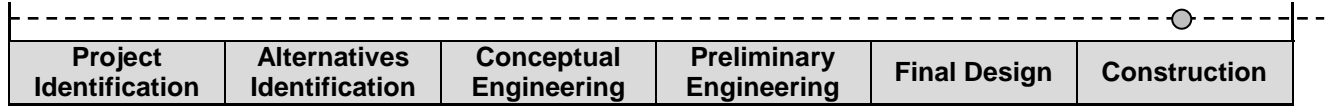
The Northgate Link Extension extends light rail approximately 4.3 miles from the University of Washington Station to the Northgate Station. The project features approximately 3.4 miles of twin-bored tunnels with two underground stations, one at Brooklyn Avenue NE and NE 45th Street in the University District and one at 12th Avenue NE and NE 65th Street in the Roosevelt neighborhood. The alignment includes about 0.9 miles of guideway that transitions from tunnels to an elevated structure and an elevated station that spans NE 103rd Street, near the Northgate Mall.

In September 2010, the Sound Transit Capital Committee authorized a contract with McMillan Jacobs Associates to refine the preliminary engineering work done under the Sound Move program and perform final design. Final design began in October 2010 and advanced into construction in 2012 with the start of early demolition and site preparation at the station sites.

Construction work for the Northgate Link Extension was ultimately divided into 12 separate construction contract packages (11 civil and 1 systems). This construction management consultant, North STAR, provides resident engineering teams to manage and administer the 11 civil contracts.

To date, overall construction for the Northgate Link Extension is approximately 43 percent complete. All tunnel excavation is complete and all three station contracts are well underway. The Northgate Link Extension is scheduled to be complete in September 2021 and will provide an interim terminus for Link at Northgate until the Lynnwood Link Extension is operational.

PROJECT STATUS



Projected Completion Date for Construction: 3Q 2021
 Project scope, schedule, and budget summary located on page 9 of the August 2017 Link Light Rail Program Progress Report.

PROCUREMENT INFORMATION

Sound Transit advertised this work as a Request for Qualifications and notified proposers that construction management of trackwork may be added to the contract at a later date. Sound Transit received four proposals. Two teams were shortlisted and interviewed. North STAR, a joint venture of CH2M-Hill, Inc. and Jacobs Project Management Company, was determined to be the best qualified team for this work.

FISCAL INFORMATION

The baseline budget for the Northgate Link Extension is \$1,899,755,500. Within that amount, \$85,440,106 has been allocated for civil construction management in the construction services phase. The proposed action would increase the commitment for this line item by \$1,800,000 to a revised total commitment of \$84,830,456, leaving a remaining uncommitted budget balance of \$609,650.

This action is within the baseline budget and sufficient monies remain after approval of this action to fund the remaining work in the construction services phase.

Northgate Link Extension
(in thousands)

	Baseline Budget	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$147,879	\$69,846	\$	\$69,846	\$78,033
Preliminary Engineering	\$15,077	\$15,077		\$15,077	\$
Final Design	\$129,167	\$121,256		\$121,256	\$7,912
Right of Way	\$112,300	\$104,079		\$104,079	\$8,221
Construction	\$1,343,023	\$1,260,848		\$1,260,848	\$82,174
Construction Services	\$118,310	\$103,243	\$1,800	\$105,043	\$13,266
Third Party Agreements	\$11,800	\$9,994		\$9,994	\$1,806
Vehicles	\$	\$		\$	\$
Contingency	\$22,200	\$	\$	\$	\$22,200
Total Current Budget	\$1,899,756	\$1,684,343	\$1,800	\$1,686,143	\$213,612

Phase Detail

Construction Services

Civil Construction Management	\$85,440	\$83,030	\$1,800	\$84,830	\$610
Other Construction	\$32,870	\$20,213		\$20,213	\$12,657
Total Phase	\$118,310	\$103,243	\$1,800	\$105,043	\$13,266

Contract Detail

**North STAR, a joint venture of CH2M
and Jacobs Project Management
Group**

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	\$75,482	\$78,641	\$	\$75,482
Contingency	\$7,548	\$4,389	\$1,800	\$9,348
Total	\$83,030	\$83,030	\$1,800	\$84,830
Percent Contingency	10%	6%	100%	12%

Notes:

Amounts are expressed in Year of Expenditure

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

For detailed project information, see page 23 of the Adopted 2017 Transit Improvement Plan.

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, the following goals were set and North STAR has committed to the following Small Business/DBE Participation:

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 15%

DBE: 5%

Commitment:

Small Business: 15.1%

DBE: 12.8%

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

Timely action is required to ensure construction management services are in place for the start of on-site construction on the N180 Trackwork Contract in mid-January 2018.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2012-39: Authorized the chief executive officer to execute a nine-year contract with two one-year options to extend with North Star, a joint venture of CH2M Hill, Inc., and Jacobs Project Management Company, to provide construction management services for the Northgate Link Extension in the amount of \$75,482,233, plus a 10% contingency of \$7,548,223, for a total contract amount not to exceed \$83,030,456.

ENVIRONMENTAL REVIEW

KH 11/3/17

LEGAL REVIEW

JW 11/1/17

MOTION NO. M2017-140

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to increase the contingency for the Northgate Link Extension civil construction management consultant services contract with North STAR, a joint venture of CH2M-Hill, Inc. and Jacobs Project Management Company, in the amount of \$1,800,000, for a new total authorized contract amount not to exceed \$84,830,456.

BACKGROUND:

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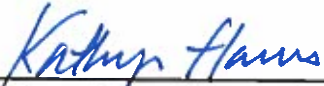
It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to increase the contingency for the Northgate Link Extension civil construction management consultant services contract with North STAR, a joint venture of CH2M-Hill, Inc. and Jacobs Project Management Company, in the amount of \$1,800,000, for a new total authorized contract amount not to exceed \$84,830,456.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on November 16, 2017.



Dave Somers
Board Chair

ATTEST:



Kathryn Flores
Board Administrator