

MOTION NO. M2014-90

Advanced Utility Relocation Construction Contract for the Northgate Area within the Northgate Link Extension

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	11/13/2014	Recommendation to Board	Ahmad Fazel, DECM Executive Director Don Davis, Executive Project Director – Northgate Link Rick Sarkany, Deputy Construction Manager
Board	11/20/2014	Final Action	

PROPOSED ACTION

Authorizes the chief executive officer to execute a construction contract with Walsh Construction Company II, LLC to provide advanced utility relocation work in the vicinity of the Northgate Station within the Northgate Link Extension in the amount of \$9,370,000, with a 10% contingency of \$937,000 for a total authorized contract amount not to exceed \$10,307,000.

KEY FEATURES SUMMARY

- This contract includes work necessary to underground existing Seattle City Light (SCL) overhead 26kV electrical distribution lines, City of Seattle Department of Information Technology (DOIT) overhead communication lines, and other private communication lines.
- Work under this contract includes construction of new underground duct banks and vaults along 1st Avenue NE and NE 103rd Street to accommodate relocation of power distribution and communication lines that are currently on poles adjacent to, and in direct conflict with, the new aerial guideway and station to be constructed in the Northgate area. This contract will also relocate several utility lines including water and drainage to meet clearance requirements from the new electrical duct banks and vaults.
- Installation of power and communications cables into the vaults will be performed by the various utility companies under separate agreements.
- This work is scheduled to be completed in advance of the Northgate Station and Aerial Guideway construction to avoid interferences with that contract.

BACKGROUND

The Northgate Link Extension is a 4.3-mile extension of light rail from the University of Washington Station north under the campus via twin-bored tunnels to an underground station in the University District (U District Station), an underground station along 12th Avenue NE between NE 65th Street and NE 67th Street (Roosevelt Station), and continuing to an elevated station east of 1st Avenue NE, spanning NE 103rd Street (Northgate Station). The Northgate Link Extension is scheduled to be complete and ready for revenue service in September 2021.

During the final design of the Northgate Link, project engineers identified a conflict between existing overhead power and communications lines along 1st Avenue NE and the location of the aerial guideway and Northgate Station. This contract was developed to relocate the power lines in advance of the Northgate Station and Aerial Guideway contract, as necessary to resolve this conflict.

As final design of this contract progressed, discussions with SCL and SDOT identified the need to include a number of additional vaults along the alignment for electrical and communication service connections. It was also discovered that several utility lines (water, drainage and sewer) did not meet

clearance requirements from the new duct bank and would have to be protected or relocated. These changes and requirements were reflected in the final design resulting in an increase in the construction cost estimate from the baseline estimate of \$4,150,000 to the current engineers estimate of \$12,907,000, including contingency.

On September 9, 2014 an Invitation for Bid (IFB) was issued, and five bids were received on October 21, 2014. Walsh Construction Company II, LLC was deemed the lowest responsive and responsible bidder. The low bid of \$9,370,000 is \$3,537,400 below the Engineer's Estimate of \$12,907,400. Bid amounts ranged from \$9,370,000 to \$13,236,611.

PROJECT STATUS in SOUND TRANSIT'S PHASE/GATE PROCESS

Phase I: Project Identification	Phase II: Alternatives Identification	Phase III: Conceptual Engineering	Phase IV: Preliminary Engineering	Phase V: Final Design	Phase VI: Construction
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Projected Completion Date for Phase VI, Construction: 3Q 2021

Project scope, schedule and budget summary located on page 23 of the August 2014 Agency Progress Report.

FISCAL INFORMATION

The Lifetime project budget for the Northgate Link Extension as shown in the 2014 TIP is \$2.131 billion. Within that amount:

- \$4,150,000 has been set aside for N111 Advanced Utility Relocation at Northgate Station in the Construction phase. The proposed action would commit \$10,307,000 to this line item and result in a budget shortfall of \$6,157,000, which will be funded from Construction phase unallocated contingency. The increase to the budget for this line item has been addressed in the Proposed 2015 TIP.
- \$108,797,611 has been set aside in the Construction phase for unallocated contingency. Should the proposed action be approved, this amount would be reduced by \$6,157,000, leaving a remaining balance of \$102,640,611.

This action is within the adopted budget and sufficient monies remain after approval of this action to fund the remaining work in the Construction phase as contained in the current costs estimates.

Northgate Link Extension

	2014 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	149,500	53,496		53,496	96,004
Preliminary Engineering	15,077	15,077		15,077	-
Final Design	118,523	105,921		105,921	12,602
Right of Way	127,300	93,061		93,061	34,239
Construction	1,338,050	486,914	10,307	497,221	840,829
Construction Services	112,050	86,022		86,022	26,028
Third Party Agreements	11,800	10,389		10,389	1,411
Vehicles	259,100	4,698		4,698	254,402
Total Current Budget	2,131,400	855,578	10,307	865,885	1,265,515

Phase Detail

Construction

N111 Utility Relocation - Northgate	4,150	-	10,307	10,307	(6,157)
Other Construction	1,225,102	486,914		486,914	738,188
Construction Unallocated Contingency	108,798	-		-	108,798
Total Phase	1,338,050	486,914	10,307	497,221	840,829

Contract Detail

Walsh Construction Company II, LLC	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	-	-	9,370	9,370
Contingency	-	-	937	937
Total	-	-	10,307	10,307
Percent Contingency	0%	0%	10%	10%

Budget Shortfall Funding	(6,157)
Construction Unalloc Contingency (UAC)	108,798
Remaining Construction UAC	102,641

Notes:

Amounts are expressed in Year of Expenditure \$000s.

Board Approvals = Committed To-Date + Contingency, and includes pending Board actions.

2014 TIP = Lifetime project budget located on page 33 of the 2014 Transit Improvement Plan (TIP).

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 specific contract, the following goals were set and Walsh Construction Company II, LLC has committed to the following Small Business/DBE Participation:

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 8.0%

DBE: 4%

Commitment:

Small Business: 21.5%

DBE: 21.5%

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Transcon Company, LLC	DBE	17%	\$1,600,000
American Pride Corporation	DBE	4.5%	\$ 425,000
Total		21.5%	\$2,025,000

TIME CONSTRAINTS

A one month delay in awarding this contract would not have a significant schedule impact on the Northgate Link Project.

ENVIRONMENTAL REVIEW

JI 10/20/2014

LEGAL REVIEW

BN 11/6/14

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A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a construction contract with Walsh Construction Company II, LLC to provide advanced utility relocation work in the vicinity of the Northgate Station within the Northgate Link Extension in the amount of \$9,370,000, with a 10% contingency of \$937,000 for a total authorized contract amount not to exceed \$10,307,000.

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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 construction contract with Walsh Construction Company II, LLC to provide advanced utility relocation work in the vicinity of the Northgate Station within the Northgate Link Extension in the amount of \$9,370,000, with a 10% contingency of \$937,000 for a total authorized contract amount not to exceed \$10,307,000.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on November 20, 2014.



Dow Constantine
Board Chair

ATTEST:



Marcia Walker
Board Administrator