

MOTION NO. M2013-07

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

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE
Capital Committee	2/14/13	Final Action	Ahmad Fazel, DECM Executive Director Don Davis, Executive Project Director Rick Sarkany, Senior Project Coordinator	206-398-5389 206-370-5508 206-398-5111

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with Titan Earthworks, LLC to provide advanced utility relocation work in the vicinity of the Roosevelt Station within the Northgate Link Extension in the amount of \$404,324, with a 10% contingency of \$40,433, for a total authorized contract amount not to exceed \$444,757.

KEY FEATURES SUMMARY

- Under the Advanced Utility Relocation contract, the contractor will install multiple underground ductbanks and related items to allow various utility companies to relocate overhead power lines, communication lines, and poles which are in conflict with the construction of the Roosevelt Station.
- This contract includes all work required to install the ductbanks and vaults, and to restore the site following utility relocation. Work to install the power and communications cables will be performed by the various utility companies under separate agreements.
- By advancing this work, Sound Transit will mitigate the risk of delays to the Northgate Link Extension by completing the utility relocation work before the start of the tunneling 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.

Final design of Northgate Link Extension was started in October 2010. The initial construction work for building demolition and hazardous materials abatement at underground station locations began in 2012. Advance utility relocation work under this contract will further prepare the site for construction of the Roosevelt Station.

Under this contract, underground ductbanks with vaults and other appurtenances will be installed in NE 67th Street and NE 66th Street. The new ductbanks will accommodate the relocation of Seattle City Light power lines and communication lines owned by Comcast and Century Link. These are currently overhead lines on poles and would conflict with the construction of the Roosevelt Station.

The contract was advertised for bids in November 2012 and two bids were received. Titan Earthworks, LLC was the lowest responsive and responsible bidder. Although the two bids were within 1% of each other, the low bid was \$64,076 above the Engineer's Estimate of \$340,248. An analysis of the bids indicated that there was some escalation in labor rates and materials that was not adequately accounted for in the Engineers' Estimate. In addition, this contract has the same administrative requirements as larger construction contracts so overhead costs, as a percentage of the total bid price, are somewhat higher than anticipated in the estimate.

Environmental compliance pursuant to the National Environmental Policy Act (NEPA) and State Environmental Policy Act (SEPA) was completed with the North Link Final Supplemental Environmental Impact Statement (EIS) issued on April 7, 2006. The FTA issued a Record of Decision for North Link in June 2006. In March 2012 Sound Transit published the SEPA Addendum to the North Link Final Supplemental Environmental Impact Statement describing design refinements and evaluating the changes in potential impacts as a result of the refinements.

FISCAL INFORMATION

The 2013 TIP for the Northgate Link Extension is \$2.131 billion. Within that amount \$601,000 has been set aside for the Advanced Utility Relocation-Roosevelt Area work in the Construction phase. The proposed action would commit \$444,757 for this line item, leaving a remaining budget balance of \$156,243.

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 cost estimates.

PROJECT TABLE

Northgate Link Extension	2013 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	149,500	43,541		43,541	105,959
Preliminary Engineering	15,077	15,077		15,077	-
Final Design	113,123	99,526		99,526	13,597
Right of Way	148,050	92,554		92,554	55,496
Construction	1,323,500	20,393	445	20,838	1,302,662
Construction Services	112,050	83,030		83,030	29,020
Third Party Agreements	11,000	10,157		10,157	843
Vehicles	259,100	-		-	259,100
Total Current Budget	2,131,400	364,278	445	364,723	1,766,677

Phase Detail - Construction

N110 Utility Relocation Roosevelt	601	-	445	445	156
Other Construction	1,322,899	20,393		20,393	1,302,506
Total Phase	1,323,500	20,393	445	20,838	1,302,662

Contract Detail

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract	-	-	404	404
Contingency	-	-	40	40
Total Contract Amount	-	-	445	445
Percent Contingency	0%	0%	10%	10%

Notes:

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

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

2013 TIP = Project budget located on page 27 of the Proposed 2013 Transit Improvement Plan (TIP) as amended in Board Resolution R2012-25 adopted by the ST Board 12/20/12.

SMALL BUSINESS PARTICIPATION

Sound Transit Goal:

Small Business: 10%

DBE: 8%

Commitment:

Small Business: 100%

DBE: 9.0%

Titan Earthwork, LLC is a small business and will self-perform 86.4% of the work. The balance will be performed by the small business and DBE firms listed below. The projected contract amount for Mobile Electric is \$25,000 but, as Mobile Electric is a supplier, not a contractor, FTA regulations allow only 60% (\$15,000) of this amount to be counted toward the DBE goal.

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Salinas Concrete	Small Business	2.1%	\$ 8,315
American Pride Trucking	DBE	2.8%	\$ 11,400
Hot Mix Pavers	DBE	2.5%	\$ 10,032
Mobile Electric	DBE	6.2% (3.7% DBE)	\$ 25,000
Total		13.6%	\$ 54,747

EQUAL EMPLOYMENT WORKFORCE PROFILE

16 employees; 6% women; 6% minorities

PUBLIC INVOLVEMENT

Several public meetings have been held in the Roosevelt neighborhood to discuss the design and construction impacts of the Northgate Link Extension. The most recent meeting, held at Roosevelt High School on January 29, 2013, provided a forum for discussion of anticipated construction impacts related specifically to this contract. Approximately 70 residents from the neighborhood attended the meeting and staff responded to their questions and concerns.

TIME CONSTRAINTS

Installation of the ductbanks and vaults is scheduled to be completed by June 1, 2013 to allow Seattle City Light to start installing cable in the new ductbanks. The new power lines must be in service by September 2013 to allow work on the Northgate Link Extension tunneling contract to begin. A one month delay in starting this work would delay the start of Seattle City Light's work and could impact the start of the tunneling contract.

PRIOR BOARD/COMMITTEE ACTIONS

Not applicable to this action.

ENVIRONMENTAL REVIEW

JI 12/28/2012

LEGAL REVIEW

BN 1/10/13

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A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Titan Earthworks, LLC to provide advanced utility relocation work in the vicinity of the Roosevelt Station within the Northgate Link Extension in the amount of \$404,324, with a 10% contingency of \$40,433, for a total authorized contract amount not to exceed \$444,757.

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MOTION:

It is hereby moved by the Capital Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with Titan Earthworks, LLC to provide advanced utility relocation work in the vicinity of the Roosevelt Station within the Northgate Link Extension in the amount of \$404,324, with a 10% contingency of \$40,433, for a total authorized contract amount not to exceed \$444,757.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on February 14, 2013.



Fred Butler
Capital Committee Chair

ATTEST:



Marcia Walker
Board Administrator