

MOTION NO. M2014-46
Light Rail Vehicle Engineering and Inspection Consultant Services for Northgate Link Extension

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	07/10/14	Final Action	Ahmad Fazel, DECM Executive Director Don Davis, Executive Project Director – Northgate Link Extension Justin Garrod, Director - Systems Engineering & Integration

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with LTK Engineering Services, LLC to provide light rail vehicle engineering and inspection services for the Northgate Link Extension for a total authorized contract amount not to exceed \$4,697,993.

KEY FEATURES SUMMARY

- LTK Engineering Services, LLC will provide light rail vehicle (LRV) engineering and inspection consultant services to support the purchase of 40 new LRV's for the Northgate Link Extension.
- The consultant will assist with the development of technical specifications, procurement and design review, testing, inspection and certification of the new fleet of vehicles.
- This contract also includes options to support the East Link Extension, Lynnwood Link Extension, and Tacoma Link Extension. Initiation of these options will require Board approval.

BACKGROUND

The Northgate Link Extension extends light rail 4.3-miles from the UW Station north under the campus via twin bored tunnels to an underground U District Station along Brooklyn Avenue NE between NE 43rd and NE 45th Streets, and underground Roosevelt Station along 12th Avenue NE between NE 65th Street and NE 67th Street, and continuing to an elevated station in Northgate along 1st Avenue NE spanning NE 103rd Street. The Northgate Link Extension is scheduled to be completed in September 2021 and will provide an interim terminus for Link at Northgate until the Lynnwood Link Extension is in service, currently anticipated in 2023.

A request for qualifications (RFQ) was advertised on January 28th, 2014. Four statements of qualifications (SOQ) were submitted by interested teams. The SOQs were reviewed and evaluated for responsiveness to the criteria in the RFQ. LTK Engineering Services, LLC was selected as the most qualified firm and was invited to negotiate a contract. The proposed contract reflects the result of Sound Transit's negotiation with LTK.

Environmental compliance for the Northgate Link Extension 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 Federal Transit Administration issued a Record of Decision for North Link in June 2006. A SEPA Addendum to the Final Supplemental EIS was completed in March 2012. Options to support the East Link Extension, Lynnwood Link Extension and Tacoma Link Extension would not be initiated until after completion of environmental review for each project.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Projected Completion Date for Construction Phase: 2021

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

FISCAL INFORMATION

The 2014 TIP for the Northgate Link Extension is \$2.131 billion. Within that amount, \$4.8 million has been set aside for Vehicles Engineering & Inspection in the Vehicles phase. The proposed action would commit \$4,697,993 of the \$4.8 million, and leave a remaining budget balance of \$102,007 for this line item.

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

Northgate Link Extension

	2014 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	149,500	51,095		51,095	98,405
Preliminary Engineering	15,077	15,077		15,077	-
Final Design	118,523	105,912		105,912	12,611
Right of Way	127,300	93,061		93,061	34,239
Construction	1,338,050	486,795		486,795	851,255
Construction Services	112,050	85,994		85,994	26,056
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	848,323	4,698	853,021	1,278,379

Phase Detail

Vehicles

Vehicles Eng & Inspection	4,800	-	4,698	4,698	102
Other Vehicles	232,100	-		-	232,100
Vehicles Unallocated Contingency	22,200	-		-	22,200
Total Phase	259,100	-	4,698	4,698	254,402

Contract Detail

LTK Engineering Services, LLC

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract	-	-	4,698	4,698
Contingency	-	-	-	-
Total Contract Amount	-	-	4,698	4,698
Percent Contingency	0%	0%	0%	0%

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). Small Business and DBE 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 LTK Engineering Services, LLC has committed to the following Small Business/DBE Participation:

Sound Transit Goal:

Small Business: 6.0%

DBE: 0%

Commitment:

Small Business: 6.0%

DBE: 6.0%

Subconsultant/Subcontractor	Business Type	% of Work	Dollar Value
Virginkar	DBE	6.0%	\$282,115
Total		6.0%	\$282,115

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

A one month delay will not significantly impact this contract.

PRIOR BOARD/COMMITTEE ACTIONS

Not applicable to this action.

ENVIRONMENTAL COMPLIANCE

JI 6/27/2014

LEGAL REVIEW

LA 3 July 2014

MOTION NO. M2014-46

A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with LTK Engineering Services, LLC to provide light rail vehicle engineering and inspection services for the Northgate Link Extension for a total authorized contract amount not to exceed \$4,697,993.

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With this action, LTK Engineering Services, LLC will provide light rail vehicle (LRV) engineering and inspection consultant services to support the purchase of 40 new LRV's for the Northgate Link Extension. The consultant will assist with the development of technical specifications, procurement and design review, testing, inspection and certification of the new fleet of vehicles.

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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 LTK Engineering Services, LLC to provide light rail vehicle engineering and inspection services for the Northgate Link Extension for a total authorized contract amount not to exceed \$4,697,993.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on July 10, 2014.


Fred Butler
Capital Committee Chair

ATTEST:


Marcia Walker
Board Administrator