

MOTION NO. M2016-61

**Systems Final Design Services for Lynnwood Link Extension**

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	6/9/2016	Recommend to Board	Ahmad Fazel, Executive Director, DECM Rod Kempkes, Executive Project Director, Lynnwood Link Extension
Board	6/23/2016	Final Action	<b>Julie Marshall, Corridor Design Manager, Lynnwood Link Extension.</b>

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with LTK Engineering Services, LLC to provide systems final design services for the Lynnwood Link Extension project in the amount of \$9,293,684, with a 7% contingency of \$650,558, for a total authorized contract amount not to exceed \$9,944,242.

KEY FEATURES SUMMARY

- Systems final design services for the Lynnwood Link Extension project will be delivered in one contract for the entire Lynnwood Link Extension alignment.
- The system final design services include:
  - Preparation of drawings;
  - Specifications for construction;
  - Design coordination and cooperation with the civil final designers and GC/CM contractors;
  - Reports;
  - Support for obtaining necessary permits and approvals, third party coordination, risk assessment, and value engineering and constructability;
  - Schedules;
  - Cost estimates; and
  - Work to prepare, produce, print, and distribute the Contract Documents necessary for constructing the project.
- Sound Transit received approval from the Federal Transit Administration (FTA) for the project to enter the New Starts Engineering phase of the Capital Investment Grant Program on February 8, 2016.

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 project is primarily along I-5 with stations at NE 145th Street, NE 185th Street, Mountlake Terrace Transit Center, and Lynnwood Transit Center. The alignment includes elevated and at-grade retained cut/fill portions.

Sound Transit completed environmental review and preliminary engineering work for the Lynnwood Link Extension in 2015. The Lynnwood Link Extension Final Environmental Impact Statement was issued in April 2015 in compliance with the State Environmental Policy Act (SEPA) and the National Environmental Policy Act (NEPA). The Sound Transit Board selected the project route, profile, and stations on April 23, 2015. The Federal Transit Administration issued a NEPA Record of Decision (ROD) for the project on July 10, 2015 and the Federal Highway Administration issued a Record of Decision in August 2015. 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 into final design.

The final design for the systems elements of the project will be developed under a single final design contract. There is also a separate contract for the civil final design, which covers the entire alignment.

A request for qualifications (RFQ) for final design was advertised in January 2016. Three proposers submitted statements of qualifications (SOQ's) in February 2016. The submitted SOQ's were reviewed and evaluated based on the criteria in the RFQ. LTK Engineering was determined as the highest ranked firm based on qualifications and was selected to enter into negotiations for the contract.

The Lynnwood Link Extension will be seeking a Full Funding Grant Agreement (FFGA) from the Federal Transit Administration (FTA) for up to 50 percent of the project cost. Under MAP-21 guidelines, Sound Transit has received approval from FTA for the Lynnwood Link Extension to enter the New Starts Engineering phase of the Capital Investment Grant Program which provides pre-award authority to incur costs for Engineering activities, demolition, and other non-construction activities in advance of an FFGA.

#### PROJECT STATUS

<b>Project Identification</b>	<b>Alternatives Identification</b>	<b>Conceptual Engineering</b>	<b>Preliminary Engineering</b>	<b>Final Design</b>	<b>Construction</b>
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Projected Completion Date for Final Design: 4Q 2018

Project scope, schedule, and budget summary located on pages 33 - 35 of the March 2016 Agency Progress Report.

#### FISCAL INFORMATION

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

The total project budget in the 2016 Transportation Improvement Plan (TIP) for the Lynnwood Link Extension is \$487,861,000. Within that amount, \$10,000,000 has been set aside for Systems Final Design in the Final Design phase. The proposed action would commit \$9,944,242 for this line item, and leave a remaining budget balance of \$55,758.

Lynnwood Link Extension	2016 TIP	Board Approvals	This Action	Board	Uncommitted /
				Approved Plus Action	(Shortfall)
Agency Administration	88,305	8,960		8,960	79,345
Preliminary Engineering	42,000	41,237		41,237	763
Final Design	111,453	73,769	9,944	83,713	27,739
Right of Way	123,779	8,037		8,037	115,741
Construction	-	-		-	-
Construction Services	104,925	13,928		13,928	90,997
Third Party Agreements	17,400	2,126		2,126	15,274
Vehicles	-	-		-	-
Contingency	-	-		-	-
<b>Total Current Budget</b>	<b>487,861</b>	<b>148,058</b>	<b>9,944</b>	<b>158,002</b>	<b>329,859</b>

**Phase Detail**

**Final Design**

Systems Final Design	10,000	-	9,944	9,944	56
Other Final Design	101,453	73,769		73,769	27,683
<b>Total Phase</b>	<b>111,453</b>	<b>73,769</b>	<b>9,944</b>	<b>83,713</b>	<b>27,739</b>

**Contract Detail**

**LTK Engineering Services, LCC**

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	-	-	9,294	9,294
Contingency	-	-	651	651
<b>Total</b>	<b>-</b>	<b>-</b>	<b>9,944</b>	<b>9,944</b>
Percent Contingency	0%	0%	7%	7%

Notes:

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

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

2016 TIP = Lynnwood Link Extension project budget located on page 17 of the Adopted 2016 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 the successful Bidder/Proposer has committed to the following Small Business/DBE Participation:

**Sound Transit Goal:**

- Small Business: 6%
- DBE: 2%

**Consultant Commitment:**

- Small Business: 30.39%
- DBE: 27%

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Cite   specific	Small Business	0.59%	\$ 54,967
Greenbusch Group, Inc	Small Business	1.25%	\$ 115,855
Moniz Art + Architecture	DBE	0.33%	\$ 30,685
ROMAR <sub>7</sub>	DBE	12.89%	\$ 1,198,124

Triunity Engineering and Management, Inc.	DBE	14.48%	\$ 1,345,808
Virginkar & Associates, Inc.	DBE	0.17%	\$ 15,981
YSM Solutions	DBE	0.87%	\$ 81,201
<b>Total</b>		<b>30.59%</b>	<b>\$2,842,621</b>

## PUBLIC INVOLVEMENT

Sound Transit is committed to hearing from the public about the Lynnwood Link Extension light rail project. Over the past five years, Outreach has met with communities, businesses, stakeholders, property owners, and agencies to help shape the project by asking questions, talking with project staff, and providing ideas and comments as the project moved through the early planning and environmental review phase. Public input will continue into final design as we engage the communities and stakeholders as a part of the station design process and other aspects of the project.

## TIME CONSTRAINTS

Systems final design is on the critical path for the Lynnwood Link Extension project. A one-month delay may impact the project schedule to advance through Gate 5 within Sound Transit's Phase Gate Process.

## PRIOR BOARD/COMMITTEE ACTIONS

Not applicable to this action.

## ENVIRONMENTAL REVIEW

JI 5/26/2016

## LEGAL REVIEW

LA 3 June 2016

## **MOTION NO. M2016-61**

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with LTK Engineering Services, LLC to provide systems final design services for the Lynnwood Link Extension project in the amount of \$9,293,684, with a 7% contingency of \$650,558, for a total authorized contract amount not to exceed \$9,944,242.

### **BACKGROUND:**

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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 contract with LTK Engineering Services, LLC to provide systems final design services for the Lynnwood Link Extension project in the amount of \$9,293,684, with a 7% contingency of \$650,558, for a total authorized contract amount not to exceed \$9,944,242.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on June 23, 2016.



Dow Constantine  
Board Chair

ATTEST:



Kathryn Flores  
Board Administrator