

Motion No. M2019-46

Modify Contract with LTK Engineering Services, LLC for Systems Final Design Support during Construction Services for the Lynnwood Link Extension

Meeting:	Date:	Type of action:	Staff contact:
System Expansion Committee	5/9/2019	Final action	Ron Lewis, DECM Executive Director Rod Kempkes, Executive Project Director – Lynnwood Link Extension Richard Nguyen, Corridor Design Manager – Systems

Proposed action

Authorizes the chief executive officer to execute a contract modification with LTK Engineering Services, LLC to provide systems design support during construction services for the Lynnwood Link Extension in the amount of \$4,310,560 with a 10% contingency of \$431,060 totaling \$4,741,620, for a new total authorized contract amount not to exceed \$14,685,862.

Key features summary

- This action is required to provide systems design support during construction (DSDC) for the Lynnwood Link Extension. DSDC was included in the final design contract as an option, but was not funded as part of the original contract award.
- This modification provides funding to exercise the option for systems DSDC. The scope of work includes:
 - Reviewing submittals, responding to requests for information (RFI), preparing change orders, providing field inspections, supporting design changes, systems coordination, and other services as directed for the Lynnwood Link Extension.
 - Working with agency staff and the construction management team to help ensure seamless design coordination throughout the construction project.
- The systems DSDC work commences with the Northgate Way to NE 200th Street and the NE 200th Street to Lynnwood Transit Center civil construction. The work includes the light rail transit (LRT) systems construction when it starts Q2 2021, with the expectation that support for the contracts will continue through Lynnwood Link revenue service forecasted for 2024.
- The amount requested is anticipated to be sufficient to fund all the systems DSDC work needed for the Lynnwood Link Extension.

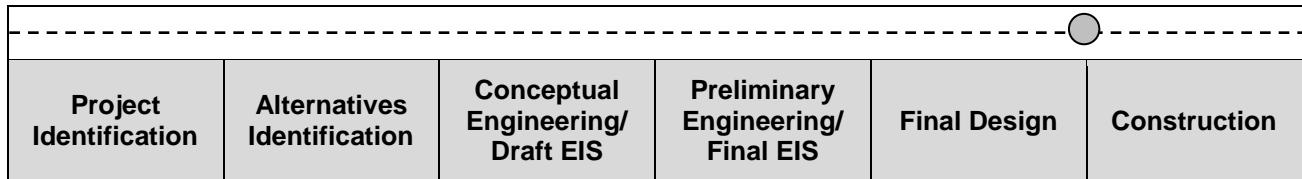
Background

The Lynnwood Link Extension is an 8.5 mile light rail extension from Northgate to Lynnwood Transit Center primarily along I-5 via at-grade and elevated alignment. Stations will be located at Mountlake Terrace, Shoreline South/145th Street, Shoreline North/185th Street, and Lynnwood City Center. The Lynnwood Link Extension is scheduled to begin revenue service in 2024.

In July 2016, through Motion No. M2016-61, LTK Engineering Services, LLC (LTK) was selected to perform final design for the systems work elements of the Lynnwood Link Extension in two civil contract packages and one systems package: Northgate Way to NE 200th Street, NE 200th Street to Lynnwood Transit Center, and LRT Systems. The contract includes an option for LTK as the Engineer of Record (EoR) to provide systems design support during construction services for the duration of the construction contract.

This request includes contingency to extend services from July 2020 through July 2024. Although systems construction is scheduled to be complete by September 2023, technical issues may arise during system integrated testing and pre-revenue service that require support from the systems EoR.

Project status



Projected completion date for Construction: 3Q 2024

Project scope, schedule and budget summary are located on page 29 of the February 2019 Link Light Rail Program Progress Report.

Procurement information

The additional works are within the general scope of work that was originally procured. Specifically, engineering support services during construction was covered under Task 18 as an option item that could be negotiated after award.

Fiscal information

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

The baseline budget for the Lynnwood Link Extension project is \$2,771,622,000. Within the final design phase, \$4,741,620 has been allocated to the budget line item for systems DSDC. The proposed action would commit \$4,741,620 to this line item and leave a remaining budget balance of \$0.

Lynnwood Link Extension

(in thousands)

Project Phase	Baseline Budget	Board Approvals	This Action	Board	
				Approved Plus Action	Uncommitted / (Shortfall)
Administration	\$98,164	\$30,132	\$	\$30,132	\$68,032
Preliminary Engineering	39,054	39,053		39,053	1
Final Design	164,162	140,752	4,742	145,493	18,669
Third Party Agreements	14,600	11,110		11,110	3,490
Right of Way	235,660	146,766		146,766	88,894
Construction	1,921,391	179,054		179,054	1,742,337
Construction Services	128,429	98,023		98,023	30,406
Vehicles					
Project Contingency	170,162				170,162
Total Current Budget	\$2,771,622	\$644,891	\$4,742	\$649,632	\$2,121,990
Phase Detail					
Final Design					
Systems DSDC	\$4,742	\$	\$4,742	\$4,742	\$
Other Final Design	159,420	140,752		140,752	18,669
Total Phase	\$164,162	\$140,752	\$4,742	\$145,493	\$18,669

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval	
				LTK Engineering Services, LLC	
Contract Amount	\$9,294	\$9,373	\$4,311	\$13,684	
Contingency	651	571	431	1,002	
Total Contract	\$9,944	\$9,944	4,742	\$14,686	
Percent Contingency	7%	6%	10%	7%	

Notes:

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

* Board Approvals = Commitment and PO Contingency Remaining as of 4/29/19.

For detailed project information, see page 171 of the 2019 Financial Plan & Adopted Budget.

Disadvantaged and Small Business Participation

For this contract, the following small business/DBE Participation commitments were made:

Small business/DBE participation commitments	
Small business: 30.59%	DBE: 28.74%

This change order will include the following DBE firms:

Subconsultant/Subcontractor	Business Type	% of Work	Amount
The Greenbusch Group	SBE	1.22%	\$52,401
RoMar 7	DBE	4.60%	\$197,270
Triunity Engineering & Management, Inc.	DBE	23.02%	\$986,620
Total		28.85%	\$1,236,291

Public involvement

Not applicable to this action.

Time constraints

A one-month would not have a significant impact to the systems final design support during construction services being performed by the design consultants.

Prior Board/Committee actions

Motion No: M2016-61: Authorized 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.

Environmental review – KH 4/30/19

Legal review – JEN 05/03/19



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A motion of the System Expansion Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract modification with LTK Engineering Services, LLC to provide systems design support during construction services for the Lynnwood Link Extension in the amount of \$4,310,560 with a 10% contingency of \$431,060 totaling \$4,741,620, for a new total authorized contract amount not to exceed \$14,685,862.

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The amount requested is anticipated to be sufficient to fund all the systems DSDC work needed for the Lynnwood Link Extension.

Motion

It is hereby moved by the System Expansion Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract modification with LTK Engineering Services, LLC to provide systems design support during construction services for the Lynnwood Link Extension in the amount of \$4,310,560 with a 10% contingency of \$431,060 totaling \$4,741,620, for a new total authorized contract amount not to exceed \$14,685,862.

APPROVED by the System Expansion Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on May 9, 2019.



Claudia Balducci
System Expansion Committee Chair

Attest:



Kathryn Flores
Board Administrator