

MOTION NO. M2016-42

Amend Contract with LTK Engineering Services, LLC for Tacoma Link Expansion Light Rail Vehicles Support

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	04/14/2016	Recommend to Board	Ahmad Fazel, DECM Executive Director
Board	04/28/2016	Final Action	Madeleine Greathouse, Project Director – Tacoma Link Gene Overly, Director, System Engineering & Integration

PROPOSED ACTION

Authorizes the chief executive officer to amend the contract with LTK Engineering Services, LLC to provide light rail vehicle engineering and inspection consultant services for the Tacoma Link Expansion in the amount of \$1,950,000 for a new total contract amount of \$6,647,993.

KEY FEATURES SUMMARY

- The proposed action amends the contract with LTK Engineering Services, LLC to provide engineering and scheduling services for five light rail vehicles needed for the Tacoma Link Expansion Project.
- The scope of work includes technical specifications, procurement of a vehicle manufacturer and design reviews.
- The existing LTK Engineering Services, LLC contract included an option to perform these services for the Tacoma Link Expansion.
- Sound Transit will return to the Board for inspection and commissioning services when the manufacturing location is identified. This is anticipated for 2Q 2018.

BACKGROUND

The Tacoma Link Expansion is a 2.4-mile extension of the existing Tacoma Link light rail from the Theater District in downtown Tacoma to the Hilltop neighborhood in the City of Tacoma. The extension will travel primarily in-street along Stadium Way, North 1st Street, Division Avenue, and Martin Luther King Jr. Way. The project includes six new stations, relocates the Theater District Station, and expands the existing Operations and Maintenance Facility.

Tacoma Link currently operates three light rail vehicles along the existing 1.6-mile alignment. The new fleet of vehicles will provide the additional capacity required to support the Tacoma Link Expansion project. This consultant will assist with the development of the technical specifications to ensure the new fleet of LRV are in compliance with the right-of-way design, maintenance shop expansion and meet the Agency’s operational and maintenance needs.

FISCAL INFORMATION

This action is within the adopted budget and is consistent with the current preliminary engineering cost estimate of approximately \$175 million in Year of Expenditure (YOES).

Tacoma Link Expansion	2016 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	10,600	2,075	0	2,075	8,525
Preliminary Engineering	5,872	5,887	0	5,887	(16)
Final Design	10,830	0	0	0	10,830
Third Parties	500	0	0	0	500
Right of Way	3,200	61	0	61	3,139
Construction	0	0	0	0	0
Construction Services	0	0	0	0	0
Vehicles	2,000	0	1,950	1,950	50
Total Current Budget	33,002	8,024	1,950	9,974	23,028

Phase Detail - Vehicles					
Vehicles	1,950	0	1,950	1,950	0
Other Vehicles Phase	50	0	0	0	50
Total Phase	2,000	0	1,950	1,950	50

LTK Engineering Services, LLC Contract Details	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	4,698	4,698	1,950	6,648
Contingency	0	0	0	0
Total Contract Amount	4,698	4,698	1,950	6,648
Percent Contingency	0%	0%	0%	0%
Less ST2 LRV Fleet Expansion Project	4,698	4,698	0	4,698
Total Tacoma Link Expansion	-	-	1,950	1,950

Project budget is located on page 15 of the 2016 Adopted Transit Improvement Plan.

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

Board Approvals to Date includes amounts through February 29, 2016 plus any pending Board Actions.

Board Approvals = Committed to-date + Contingency.

** Board authorized contract amount for Northgate Link Extension project per Motion No. M2014-46, July 10, 2014; and

moved LTK Engineering Services, LLC contract under ST2 LRV Fleet Expansion Project per Resolution No. R2015-24, September 24, 2015.

The 2016 Lifetime Budget for Tacoma Link Expansion project is \$33,002,000. Within that amount, \$2,000,000 has been set aside for the Vehicles Phase; \$0.00 has been committed for the Vehicles Phase.

The proposed action would commit additional \$1,950,000 for LTK Engineering Services, LLC contract totaling \$6,647,993 leaving the remaining uncommitted budget of \$50,000 in the Vehicles Phase.

SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

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 amendment, 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%

DBE: 6%

Commitment:

Small Business: 6.8%

DBE: 6.8%

Subconsultant/Subcontractor	Business Type	% of Work	Dollar Value
Virginkar	DBE	6.8%	\$132,600
Total		6.8%	\$132,600

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

A one-month delay will not significantly impact this contract.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2014-46: Authorized 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.

ENVIRONMENTAL COMPLIANCE

JI 3/14/2016

LEGAL REVIEW

LA 7 April 2016

MOTION NO. M2016-42

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to amend the contract with LTK Engineering Services, LLC to provide light rail vehicle engineering and inspection consultant services for the Tacoma Link Expansion in the amount of \$1,950,000 for a new total contract amount of \$6,647,993.

BACKGROUND:

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MOTION:

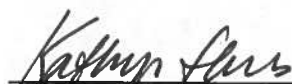
It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to amend the contract with LTK Engineering Services, LLC to provide light rail vehicle engineering and inspection consultant services for the Tacoma Link Expansion in the amount of \$1,950,000 for a new total contract amount of \$6,647,993.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 28, 2016.



Dow Constantine
Board Chair

ATTEST:



Kathryn Flores
Board Administrator