

MOTION NO. M2018-20

Tacoma Link Extension CMC Phase 2 Construction Management Services

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	02/08/18	Recommend to Board	Ahmad Fazel, DECM Executive Director
Board	02/22/18	Final Action	Madeleine Greathouse, Project Director – Tacoma Link Extension Christy Sanders-Meena, Principal Construction Manager, Tacoma Link Extension

PROPOSED ACTION

Authorizes the chief executive officer to amend the contract with Jacobs Project Management Company to provide Phase 2 construction management services for the construction phase of the Tacoma Link Extension in the amount of \$8,420,219, with a 5% contingency of \$421,011 totaling \$8,841,230, for a new total authorized contract amount not to exceed \$9,419,490.

KEY FEATURES SUMMARY

- The Tacoma Link Extension construction management consultant (CMC) contract is being implemented in two phases. Phase 1 Pre-construction Services was authorized under Motion M2017-45 and is currently in progress.
- The proposed action authorizes Phase 2 – Construction Management Services. Jacobs Project Management Company will provide construction management support to the Tacoma Link Extension team in managing all construction elements of the project.
- The construction management and support functions scope of work includes: program management; resident engineering; office engineering; technical support and inspection; construction cost estimating; contract change management; scheduling; quality assurance activities; document control; tracking of diversity/small business/project labor agreement requirements; continued pre-construction services; and monitoring of third party public and private utility relocations.

BACKGROUND

The Tacoma Link Extension is a 2.4 mile extension of Tacoma Link from the Theater District in downtown to the Hilltop neighborhood in Tacoma. The extension will travel primarily along Stadium Way, 1st Street, Division Avenue and Martin Luther King Jr. The project includes six new stations; relocates the Theater District Station; expands the existing Tacoma Operations and Maintenance Facility (OMF); relocates utilities away from the track slab and provides for additional light rail vehicles.

The Sound Transit Board selected the project route, stations, and operations and maintenance facility expansion site on November 19, 2015. In September 2017, the Sound Transit Board established the baseline budget and schedule for the project. Revenue service for the extension is forecast for May 2022.

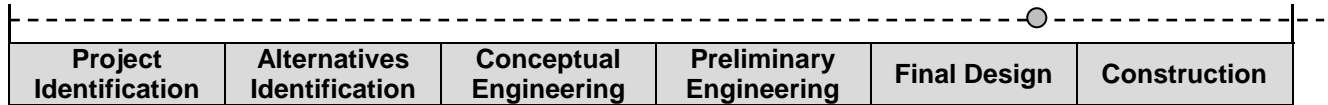
Sound Transit issued a Request for Qualifications including the work for both Phase 1 – Pre-construction Services and Phase 2 – Construction Management Services and received five

proposals in December 2016. Jacobs Project Management Company was determined to be the best qualified team for this work.

In April 2017, through Motion No. M2017-45, the Board authorized a contract with Jacobs Project Management Company for Phase 1 – Pre-construction Services. Phase 1 Pre-construction Services include: procurement support, permit support, contract document review, review of independent cost estimates for construction, construction schedule reviews, participation in risk assessments and constructability reviews, assistance with LEED certification reviews, construction management support, and monitoring of third party public and private utility relocations.

In October 2017, the Board adopted the Tacoma Link Extension baseline approving Gate 5 (establish baseline). Following the baselining and the determination that Jacobs Project Management Company’s work performance for the pre-construction work was acceptable, Sound Transit negotiated Phase 2 work with Jacobs Project Management Company to align with the baseline scope and current schedule.

PROJECT STATUS



Projected Completion Date for Construction Services Phase: 2Q 2021
 Project scope, schedule and budget summary located on page 77 of the November 2017 Agency Progress Report.

PROCUREMENT INFORMATION

This Change Order was reviewed and the proposed Scope of Work was determined to be within the Scope of the original Contract as a Contract Option for Phase 2 Construction Management Services.

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 construction services phase as contained in the current cost estimates.

The baseline budget for the Tacoma Link Extension project is \$217,346,000. Within the construction services phase, \$9,420,000 has been allocated to the budget line item for Civil Construction Management. The proposed action would commit an additional \$8,841,230, including contingency, to this line item and leave a remaining budget balance of \$510.

Tacoma Link Extension

(in thousands)

Project Phase	Project Baseline	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$16,948	\$5,613		\$5,613	\$11,335
Preliminary Engineering	5,559	5,591		5,591	(33)
Final Design	10,830	8,207		8,207	2,624
Third Party	1,466	1,156		1,156	310
Right of Way	3,555	2,029		2,029	1,526
Construction	127,155	0		0	127,155
Construction Services	9,891	578	8,841	9,419	472
Vehicles	35,377	32,186		32,186	3,191
Project Contingency	6,565	0		0	6,565
Total Current Budget	\$217,346	\$55,360	\$8,841	\$64,201	\$153,145
Phase Detail - Construction Services					
Civil Construction Management	\$9,420	\$578	\$8,841	\$9,419	\$1
Other Construction Services	471			0	471
Total Phase	\$9,891	\$578	\$8,841	\$9,419	\$472

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Jacobs Project Management Company				
Contract Amount	\$526	\$526	\$8,420	\$8,946
Contingency	53	53	421	474
Total Contract Amount	\$578	\$578	\$8,841	\$9,419
Percent Contingency	10%	10%	5%	5%

Notes:

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

Board Approvals = Committed To-Date + Contingency as of Dec 2017, and includes pending Board actions.

For detailed project information, see page 15 of the Proposed 2018 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, including Phase 1 – Pre-construction Services and Phase 2 – Construction Management Services, the following goals were set and the successful Jacobs Project Management Company has committed to the following Small Business/DBE Participation:

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 15%

DBE: 4%

Commitment:

Small Business: 15%

DBE: 11%

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Virginkar	DBE	6.0%	\$ 538,752
JTS	DBE	7.4%	\$ 664,961
Safework CM	DBE	6.3%	\$ 567,281
Otto Rosenau & Associates, Inc.	Small Business	2.1%	\$ 183,780
W.E. Coates Surveying LLC	DBE	1.2%	\$ 104,172
Corrosion Mitigation Inc.	Small Business	0.1%	\$ 9,874
TOTAL		23.1%	\$ 2,068,820

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

A one-month delay would not create a significant impact to the project schedule.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2017-45: Authorized the chief executive officer to execute a contract with Jacobs Project Management Company to provide civil and systems construction management consultant services for the preconstruction phase of the Tacoma Link Extension in the amount of \$525,691, with a 10% contingency of \$52,569, for a total authorized contract amount not to exceed \$578,260.

ENVIRONMENTAL REVIEW

KH 1/2/18

LEGAL REVIEW

JEN 02/02/18

MOTION NO. M2018-20

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to amend the contract with Jacobs Project Management Company to provide Phase 2 construction management services for the construction phase of the Tacoma Link Extension in the amount of \$8,420,219, with a 5% contingency of \$421,011 totaling \$8,841,230, for a new total authorized contract amount not to exceed \$9,419,490.

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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 Jacobs Project Management Company to provide Phase 2 construction management services for the construction phase of the Tacoma Link Extension in the amount of \$8,420,219, with a 5% contingency of \$421,011 totaling \$8,841,230, for a new total authorized contract amount not to exceed \$9,419,490.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on February 22, 2018.



Dave Somers
Board Chair

ATTEST:



Kathryn Flores
Board Administrator