

**MOTION NO. M2017-45**
**Tacoma Link Expansion CMC Phase 1 Preconstruction Services**

<b>MEETING:</b>	<b>DATE:</b>	<b>TYPE OF ACTION:</b>	<b>STAFF CONTACT:</b>
Capital Committee	04/13/2017	Final Action	Ahmad Fazel, DECM Executive Director <b>Madeleine Greathouse, Project Director  – Tacoma Link Expansion  Matt Preedy, Director of Construction Management</b>

**PROPOSED ACTION**

Authorizes 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 Expansion project in the amount of \$525,691, with a 10% contingency of \$52,569, for a total authorized contract amount not to exceed \$578,260.

**KEY FEATURES SUMMARY**

- The Tacoma Link Expansion construction management consultant (CMC) contract will be implemented in two phases: Phase 1 Preconstruction Services and Phase 2 Construction Management Services. This action would authorize and fund only Phase 1 of the contract. Phase 2 is included as an option in the contract.
- Phase 1 Preconstruction Services include: procurement support, permit support, contract document review, review of independent cost estimates for construction, construction schedule reviews, participation in value management workshops, risk assessments and constructability reviews, assistance with LEED certification reviews, construction management support, and monitoring of third party public and private utility relocations.
- Final design work for the Tacoma Link Expansion project reached 60 percent. As design progresses and as construction contract documents are finalized, preconstruction services under the CMC will help verify that contract documents are well developed and comprehensive.
- Phase 1 will extend from May 2017 through February 2018. Sound Transit may request Board authorization and funding for Phase 2 Construction Management Services following acceptable performance in Phase 1 and successful negotiation of scope and cost.

**BACKGROUND**

The Tacoma Link Expansion is a 2.4 mile extension of Tacoma Link from the Theater District to the Hilltop District. The extension will travel primarily along Stadium Way, 1st Street, Division Avenue, and Martin Luther King Jr., Way (MLK) and includes a relocated Theater District station and six new stations at Stadium Way/South 4th Street, Stadium District, MLK/Division Avenue, MLK/6th Avenue, MLK/11th Street, and MLK/19th Street. The Tacoma Link Operations and Maintenance Facility will also be expanded to the east and five new vehicles will be purchased. The project began final design in 2016 and the revenue service date will be determined at project baseline in the third quarter of 2017.

Key project features include six new stations (platform stops) and one relocated station constructed in the center of the roadway serving both directions of travel. Stations include seating, signage, lighting, a canopy shelter, fare collection equipment, ADA accessibility, and public art at each platform. Mainline construction will require protection or relocation of utilities away from the

rail corridor. Five traction power substations will be provided and located within existing right-of-way or City owned property.

The Tacoma Link Operation and Maintenance Facility and Yard (OMF) will be expanded to accommodate the additional Tacoma Link vehicles, additional parts inventory, maintenance bays and equipment; and provide work spaces and administrative areas for Tacoma Link staff. The proposed site for the OMF Expansion is located adjacent to the existing Tacoma Link OMF.

Along with Sound Transit, the City of Tacoma and Federal Transit Administration (FTA) are funding partners. The City of Tacoma’s funding participation is through a combination of secured grants, in-kind contributions, and cash. Funding from the FTA is through a single year (Small Starts) grant agreement.

In November 2016, Sound Transit advertised a Request for Qualifications including the work for both Phase 1 – Preconstruction Services and Phase 2 – Construction Management Services. Five proposers submitted Statements of Qualifications (SOQ) in December 2016. The submitted SOQs were reviewed and evaluated based on the criteria in the RFQ. Jacobs Project Management Company was determined to be the highest ranked firm based on qualifications, and was selected to enter into negotiations for the contract.

**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 phase: 4Q 2017  
 Project scope, schedule and budget summary located on page 65 of the January 2017 Agency Progress Report.

**FISCAL INFORMATION**

This action is within the authorized project allocation to date and sufficient funds remain after approval of this action to fund the remaining work in the construction services phase as contained in the current cost estimates.

The authorized project allocation to date for the Tacoma Link Expansion project is \$34,622,000. Within that amount, \$810,000 has been set aside for the construction services phase. The proposed action would commit \$578,260 to Jacobs Project Management Company’s contract to provide civil and systems construction management consultant services for the preconstruction phase of the Tacoma Link Expansion Project leaving the remaining budget balance of \$231,740 in the construction services phase.

**Tacoma Link Expansion**

(in thousands)

Project Phase	Authorized Project Allocation to Date	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	\$10,600	\$3,270	\$	\$3,270	\$7,330
Preliminary Engineering	5,872	5,594		5,594	278
Final Design	10,830	8,077		8,077	2,753
Third Party	1,310	1,156		1,156	154
Right of Way	3,200	150		150	3,050
Construction					
Construction Services	810		578	578	232
Vehicles	2,000	1,950		1,950	50
<b>Total Current Budget</b>	<b>\$34,622</b>	<b>\$20,197</b>	<b>\$578</b>	<b>\$20,775</b>	<b>\$13,847</b>

Phase Detail - Construction Services					
Civil CMC	\$810	\$	\$578	\$578	\$232
Other Construction Services					
<b>Total Phase</b>	<b>\$810</b>	<b>\$</b>	<b>\$578</b>	<b>\$578</b>	<b>\$232</b>

Jacobs Project Management Company Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	\$	\$	\$526	\$526
Contingency			53	53
<b>Total Contract Amount</b>		<b>\$</b>	<b>\$578</b>	<b>\$578</b>
Percent Contingency	0%	0%	10%	10%

**Notes:**

Amounts are expressed in Year of Expenditure \$000s.  
 Board Approvals = Committed To-Date + Contingency as of February 2017, and includes pending Board actions.  
 For detailed project information, see page 19 of the Adopted 2017 Transit Improvement Plan (TIP).

**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 contract, the following goals were set and the successful Bidder/Proposer has committed to the following Small Business/DBE Participation:

The Tacoma Link Expansion CMC contract will be implemented in two phases: Phase 1 Preconstruction Services and Phase 2 Construction Management Services. A separate goal was not established for Phase 1. Sound Transit’s Small Business and Disadvantaged Business Enterprise goals and commitments are as follows:

**Small Business and Disadvantaged Business Enterprise Goals**

Sound Transit Goal:

- Small Business: 15%
- DBE: 4%

Jacobs Project Management Company has made the following Small Business/DBE Participation commitments for the entire contract including Phase 1 and Phase 2.

Commitment:

Small Business: 15%  
DBE: 11%

**PUBLIC INVOLVEMENT**

Not applicable to this action.

**TIME CONSTRAINTS**

A one-month delay would impact timely review of the 60% design package.

**PRIOR BOARD/COMMITTEE ACTIONS**

Resolution No. R2015-22: Selected the route, stations, and operations and maintenance facility Expansion site for the Tacoma Link Expansion.

**ENVIRONMENTAL REVIEW**

Jl 4/6/2017

**LEGAL REVIEW**

JEN 04/06/2017

## **MOTION NO. M2017-45**

A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority authorizing 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 Expansion project in the amount of \$525,691, with a 10% contingency of \$52,569, for a total authorized contract amount not to exceed \$578,260.

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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 Jacobs Project Management Company to provide civil and systems construction management consultant services for the preconstruction phase of the Tacoma Link Expansion project in the amount of \$525,691, with a 10% contingency of \$52,569, for a total authorized contract amount not to exceed \$578,260.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 13, 2017.



Fred Butler  
Capital Committee Chair

ATTEST:



Kathryn Flores  
Board Administrator