

MOTION NO. M2016-77

Civil and Systems Final Design Services for Tacoma Link Expansion

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	07/14/2016	Recommend to Board	Ahmad Fazel, Executive Director, DECM
Board	07/28/2016	Final Action	Madeleine Greathouse, Project Director, Tacoma Link Extension Brian Patton, Corridor Design Manager, Tacoma Link Extension

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with HDR Engineering, Inc. to provide civil and systems final design services for the Tacoma Link Expansion in the amount of \$7,593,758, with a 5% contingency of \$379,688, for a total authorized contract amount not to exceed \$7,973,446.

KEY FEATURES SUMMARY

- This action will approve final design services for the Tacoma Link Expansion.
- The final design consultant will develop comprehensive contract documents for all civil, systems, and architectural elements of the Tacoma Link Expansion.
- The final design consultant will be responsible for producing early contract package design documents for advanced utility relocations and the expansion of the existing Tacoma Operations and Maintenance Facility.

BACKGROUND

The Tacoma Link Expansion is a 2.4-mile extension of light rail from the Theater District in downtown to the Hilltop neighborhood in Tacoma. The extension will travel primarily at-grade 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, expands the existing Tacoma Operations and Maintenance Facility, and provides for additional vehicles.

The project completed environmental review in compliance with both NEPA and SEPA with approval of a NEPA Documented Categorical Exclusion (DCE) on June 25, 2015, by the Federal Transit Administration and a SEPA Determination of Nonsignificance (DNS), issued by Sound Transit on July 13, 2015. The Sound Transit Board selected the project to be built on November 19, 2015.

The Tacoma Link Expansion will be delivered as a design-bid-build project.

A request for qualifications (RFQ) for final design was advertised in February 2016. Six proposers submitted statements of qualifications in March 2016. The submitted proposals were reviewed and evaluated based on the evaluation criteria in the RFQ. HDR Engineering, Inc. was determined as the highest ranked firm based on qualifications and was selected to enter into negotiations for the contract.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Projected Completion Date for Final Design: 1Q 2018

Project scope, schedule and budget summary located on pages 77–79 of the March 2016 Agency Progress Report.

FISCAL INFORMATION

This action is within the Adopted Budget and sufficient funds remain after approval of this action to fund the remaining work in the Final Design Phase as contained in the current cost estimates.

The 2016 Lifetime Adopted Budget for the Tacoma Link Expansion project is \$33,002,000. Within that amount, \$10,830,083, has been set aside for the Final Design Phase. \$0.00 has been committed for the Final Design Phase.

The proposed action would commit \$7,973,466 to execute a contract with HDR Engineering, Inc. to provide civil and systems final design services for the Tacoma Link Expansion leaving the remaining uncommitted budget of \$2,856,637 in the Final Design Phase.

Consistent with Board’s Budget policy, staff transferred \$723,466 from Final Design phase Unallocated Contingency to Civil/Architectural Final Design. The transfer within the Final Design phase of the project provides sufficient budget for this line item to fund the proposed action.

Tacoma Link Expansion	2016 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	10,600	2,306	0	2,306	8,294
Preliminary Engineering	5,872	5,877	0	5,877	(5)
Final Design	10,830	0	7,973	7,973	2,857
Third Parties	500	0	0	0	500
Right of Way	3,200	215	0	215	2,985
Construction	0	0	0	0	0
Construction Services	0	0	0	0	0
Vehicles	2,000	0	0	0	2,000
Total Current Budget	33,002	8,399	7,973	16,372	16,630
Phase Detail - Final Design					
Civil/Arch FD	7,973	0	7,973	7,973	0
Other Final Design Phase	2,857	0	0	0	2,857
Total Phase	10,830	0	7,973	7,973	2,857
Contract Details					
	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval	
Contract Amount	0	0	7,594	7,594	
Contingency	0	0	380	380	
Total Contract Amount	0	0	7,973	7,973	
Percent Contingency	0%	0%	5%	5%	

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 May 31, 2016 plus any pending Board Actions.
 Board Approvals = Committed to-date + Contingency.

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: 8%
- DBE: 5%

Consultant Commitment:

- Small Business: 15%
- DBE: 8.5%

Subconsultant/Subcontractor	Business Type	% of Work	Amount¹
Concord Engineering	DBE	4.0%	\$303,750
FSi	Small Business	0.5%	\$37,969
Krebs Corporation	Small Business	1.0%	\$75,938
PCS Structural Solutions	Small Business	0.5%	\$37,969
PRR	Small Business	1.0%	\$75,938
Swift Company	DBE	0.5%	\$37,969
True North Land Surveying	DBE	2.0%	\$151,875
Triunity Engineering	DBE	0.5%	\$37,969
Wilson Ihrig & Associates	Small Business	0.5%	\$37,969
Waterleaf	Small Business	4.0%	\$303,750
YSM Solutions	DBE	0.5%	\$37,969
Total		15%	\$1,139,065

PUBLIC INVOLVEMENT

Sound Transit utilized an extensive community outreach effort to ensure that potentially affected property owners and community members have opportunities to engage in the decision-making process. Public outreach on the Tacoma Link Expansion Project has taken place over the past several years.

Sound Transit conducted extensive public outreach to inform preliminary engineering and decision on the project alignment, station locations, and Operations and Maintenance Facility expansion by the Board. Public involvement included email notifications, an open house, online surveys, stakeholder roundtables, community and Tacoma City Council briefings.

Sound Transit will continue to conduct public outreach throughout the design phase at key milestone submittals.

TIME CONSTRAINTS

A one-month delay will not impact the overall project schedule.

PRIOR BOARD/COMMITTEE ACTIONS

Resolution No. R2015-33: Amended the 2015 Adopted Budget by (1) increasing the lifetime capital budget for the Tacoma Link Expansion project by \$25,216,229 from \$7,785,771 to \$32,002,000, and (2) increased the 2015 Annual Budget by \$478,257 from \$3,225,500 to \$3,703,757; and (3) authorized the project to advance through Gate 4 within Sound Transit's Phase Gate Process.

Resolution No. R2015-22: Selected the route, profile and stations for the Tacoma Link Extension.

Motion No. M2014-11: Identified the Tacoma Link Expansion alignment to advance into environmental review.

Motion No. M2014-17: Authorized the chief executive officer to execute a contract amendment with CH2M Hill, Inc. to provide engineering and environmental services for Phase 3 of the Tacoma Link Expansion project in the amount of \$2,424,075, with a 10% contingency of \$242,408, totaling \$2,666,483, for a new total authorized contract amount not to exceed \$3,765,012.

ENVIRONMENTAL REVIEW

JI 5/31/2016

LEGAL REVIEW

JW 7/5/2016

MOTION NO. M2016-77

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with HDR Engineering, Inc. to provide civil and systems final design services for the Tacoma Link Expansion in the amount of \$7,593,758, with a 5% contingency of \$379,688, for a total authorized contract amount not to exceed \$7,973,446.

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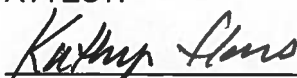
MOTION:

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 HDR Engineering, Inc. to provide civil and systems final design services for the Tacoma Link Expansion in the amount of \$7,593,758, with a 5% contingency of \$379,688, for a total authorized contract amount not to exceed \$7,973,446.

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


Pat McCarthy
Board Chair Pro Tem

ATTEST:


Kathryn Flores
Board Administrator