

MOTION NO. M2016-07

Sounder Yard Expansion Design-Build Contract

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	01/14/2016	Recommend to Board	Ahmad Fazel, DECM Executive Director Mark Johnson, Project Director
Board	01/28/2016	Final Action	Richard Sage, Director, Construction Management Thomas Dean, Construction Manager

PROPOSED ACTION

Authorizes the chief executive officer to execute a design-build contract with Shimmick Construction to provide design and construction services for the Sounder Yard Expansion project in the amount of \$12,005,000, with a 10% contingency of \$1,200,500, for a total authorized contract amount not to exceed \$13,205,500.

KEY FEATURES SUMMARY

- In fall 2016, Sound Transit will begin operating additional Sounder service in the south corridor. In order to operate additional service, improvements are needed to Sound Transit’s existing layover facilities in Lakewood, WA.
- Work performed under this design-build contract will complete a second phase of improvements including the following scope elements:
 - A third storage track, increasing capacity from six 7-car trainsets to seven 8-car sets.
 - Permanent crew and storage buildings, and associated parking.
 - Enhanced yard utilities including wayside power, air, water, and fire protection.
 - Upgraded yard lighting to support night-time train cleaning and servicing and reduce energy use.
 - Upgraded yard security including fencing, guard booths, and surveillance systems.
- Design-build project delivery was selected to reduce cost, shorten schedule, and mitigate risk, while retaining owner involvement in design and construction.
- This contract requires project completion by 2Q 2017, with a requirement for completion of the third storage track by December 1, 2016 to accommodate new Sounder passenger vehicles expected to be delivered in January 2017.

BACKGROUND

In 2013, the Sound Transit Board created the Sounder Yard Expansion project by reallocating budget in the amount of \$835,000 from the Sounder Yard and Shops Facility project. The Sounder Yard Expansion project increases track capacity at Sound Transit’s layover facilities in Lakewood. Improvements will be compatible with the future Sounder Yard and Shops Facility project.

Expanded commuter rail service approved as part of the ST2 program will require putting additional trainsets into service. Sound Transit’s existing Sounder layover facility is at capacity. The Sounder Yard Expansion will add a third storage track and build permanent office/storage facilities for the BNSF crews that operate Sounder trains and the Amtrak crews that clean and service Sounder passenger vehicles.

In February 2015, Sound Transit issued a Request for Qualifications (RFQ) and received qualifications from four firms. In May 2015, Sound Transit invited three firms to provide proposals. Shimmick Construction was determined to be the highest-ranked firm.

Environmental review for the Sounder Yard Expansion project was completed with the State Environmental Policy Act (SEPA) Checklist and Determination of Non-Significance (DNS) issued November 8, 2013 and the Federal Transit Administration approved a National Environmental Policy Act (NEPA) Documented Categorical Exclusion on October 28, 2013.

PROJECT STATUS

Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction
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Projected Completion Date for Construction: 2Q 2017

Project scope, schedule and budget summary located on page 126 of the September 2015 Agency Progress Report.

FISCAL INFORMATION

The lifetime budget in the 2016 Transportation Improvement Plan (TIP) for the Sounder Yard Expansion project is \$20,550,000. Within that amount, \$15,400,000 has been set aside in the Construction phase. The proposed action would commit \$13,205,500 to this line item, leaving a remaining budget balance of \$1,874,426 in the construction phase.

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

Sounder Yard Expansion

	2016 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	1,200	484		484	716
Preliminary Engineering	2,150	1,925		1,925	225
Final Design					
Third Party Agreements					
Right of Way	400	242		242	158
Construction	15,400	320	13,206	13,526	1,874
Construction Services	1,400	1,239		1,239	161
Vehicles					
Total Current Budget	20,550	4,211	13,206	17,417	3,133

Phase Detail

Construction

Construction	13,300		13,206	13,206	95
Other Construction	1,229	320		320	909
Construction Unallocated Contingency	871				871
Total Phase	15,400	320	13,206	13,526	1,874

Contract Detail

Shimmick Construction

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount			12,005	12,005
Contingency Amount			1,201	1,201
Total Contract			13,206	13,206
Percent Contingency	0%	0%	10%	10%

Notes:

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

Board Approvals = Committed To-Date + Contingency, and includes pending Board actions.

Project budget page is located on page 28 of 116 of the Proposed 2016 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, the following goals were set and the successful Shimmick Construction has committed to the following Small Business/DBE Participation:

Small Business and Disadvantaged Business Enterprise Goals

Sound Transit Goal:

Small Business: 25%

DBE: 0%

Commitment:

Small Business: 25%

DBE: 2.3%

PUBLIC INVOLVEMENT

Outreach to the public regarding the Sounder Yard Expansion project over the past two years has included meetings with adjacent property owners, businesses, stakeholders, local jurisdictions, and agencies.

TIME CONSTRAINTS

A one-month delay in authorization could delay achievement of the December 1, 2016, contract milestone for completion of the third storage track.

PRIOR BOARD/COMMITTEE ACTIONS

Resolution No. R2014-14: (1) Adopting the Sounder Yard Expansion Baseline schedule and budget by a) establishing the Baseline Cost estimate at \$20,550,000 funded by the Sounder Yard and Shops project, b) amending the adopted 2014 Lifetime Budget from \$5,422,000 to \$20,550,000, c) amending the adopted 2014 Annual Budget from \$1,695,000 to \$2,169,000; and (2) approving Gate 4: Enter Final Design and Gate 5: Establish Baseline within Sound Transit's Phase Gate process, adopting December 31, 2016 as the project completion milestone.

Resolution No. R2014-07: (1) Amending the Adopted 2014 Lifetime Budget for the Sounder Yard Expansion project from \$835,000 to \$5,422,000 for costs related to creating program requirements, updating plans and reports for design-build procurement, and construction management services, and (2) amending the Adopted 2014 Annual Budget from \$0 to \$1,695,000.

Resolution No. R2013-13: (1) Amends the Adopted 2013 Lifetime Budget for the Sounder Yard & Shops Facility Project from \$6,911,902 to \$6,076,902, (2) amends the Adopted 2013 Annual Budget for the Sounder Yard & Shops Facility project from \$3,418,000 to \$2,583,000, (3) creates the new Sounder Yard Expansion project with a Lifetime and Annual Budget of \$835,000, and (4) approves Gates 1 and 3 within Sound transit's Phase Gate process.

ENVIRONMENTAL REVIEW

JI 12/22/2015

LEGAL REVIEW

LA 8 Jan 2016

MOTION NO. M2016-07

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a design-build contract with Shimmick Construction to provide design and construction services for the Sounder Yard Expansion project in the amount of \$12,005,000, with a 10% contingency of \$1,200,500, for a total authorized contract amount not to exceed \$13,205,500.

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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 design-build contract with Shimmick Construction to provide design and construction services for the Sounder Yard Expansion project in the amount of \$12,005,000, with a 10% contingency of \$1,200,500, for a total authorized contract amount not to exceed \$13,205,500.

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



Marilyn Strickland
Board Vice Chair

ATTEST:



Kathryn Flores
Board Administrator