

MOTION NO. M2014-31

Contract Amendment for Design Build Project Requirements for the Sounder Yard Expansion Project

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:
Capital Committee	05/08/2014	Final Action	Ahmad Fazel, DECM Executive Director Eric Beckman, Deputy Executive Director, Business & Construction Services Jon O'Hare, Project Manager

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract amendment with Parsons Brinckerhoff, Inc. to complete program requirements and related documents for a design-build procurement for the Sounder Yard Expansion project in the amount of \$1,224,755, with a 10% contingency of \$122,476, for a new total contract amount not to exceed \$4,141,291, contingent upon Board approval of Resolution No. R2014-07 to amend the project budget.

KEY FEATURES SUMMARY

- The Sounder Yard Expansion project will increase track capacity at the layover facility in Lakewood to store up to seven, eight-car train sets.
- The increase in track capacity is needed for the additional ST2 Sounder South service that begins in 2016 before the larger Sounder Yard and Shops project is complete.
- The contract amendment is being requested in order to complete work needed to advance toward procurement of a design-build contract.
- Under this contract, Parsons Brinckerhoff, Inc. (PB) will perform the following:
 - Revised 30% drawings to include Civil, mechanical, electrical, structural engineering
 - Program requirements (bridging documents) that will define Sound Transit's requirements for the future design-build procurement
 - Safety certification development and review
 - Quality management plan
 - Bid support during the Request For Qualifications and Request For Proposals process
 - Design support during construction and as-built review
- A budget amendment is being sought in a separate Board action to provide funding for the contract amendment.

BACKGROUND

The Sounder Yard and Shops Facility was included in the voter-approved ST2 plan and in the 2013 Transit Improvement Plan (TIP). The Board has authorized preliminary tasks under this contract including identification of Sounder Yard and Shop facility requirements and potential facility locations, and development of environmental documentation. A number of candidate sites/development options for a Yard and Shops facility were identified and screened including the expansion of the existing Lakewood Layover facility.

In 2013, the Sound Transit Board created the Sounder Yard Expansion project by reallocating budget from the Sounder Yard and Shops Facility project. The Sounder Yard Expansion project will increase track capacity at the Lakewood Layover to provide train storage while the Sounder Yard and Shops Facility project is further evaluated. The additional storage capacity is required to operate additional Sounder service in 2016 and would need to be constructed prior to a decision

on moving forward with the Sounder Yard and Shops project. By creating a separate project, Sound Transit is able to track the level of effort in design and construction activities separate from the Sounder Yard & Shops Project.

The scope of the expansion project includes constructing additional track and modifying signals, completing drainage improvements, and increasing electrical power to accommodate additional wayside power and yard lighting, additional buildings and grade level parking. Improvements made as part of this expansion will be incorporated into a yard and shops facility if the Lakewood Layover site is selected for development of the larger Sounder Yard and Shops Facility project.

The Sounder Yard Expansion preliminary engineering work was completed at the end of 2013.

A contract amendment with PB is being requested in order to complete work needed to advance toward the procurement of a design-build firm. Sound Transit determined that using a design build delivery method was crucial in order to meet schedule challenges. A budget amendment is being sought in a separate action to provide funding for the contract amendment. The original budget includes dollars for conceptual engineering and preliminary engineering work. Final design and Construction management costs were not included.

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

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Project Identification	Alternatives Identification	Conceptual Engineering	Preliminary Engineering	Final Design	Construction

Projected Completion Date for Preliminary Engineering: December 2013

Project scope, schedule and budget summary located on page 108 of the December 2013 Agency Progress Report.

FISCAL INFORMATION

This action represented in the table below is contingent on the adoption of Resolution No. R2014-07 amending the Sounder Yard Expansion project budget at which point there would be sufficient funds available to complete the action represented above.

Sound Yard Expansion	Amended 2014 TIP	Committed to Date	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	345	92		92	253
Preliminary Engineering	2,277	494	1,347	1,841	436
Final Design					
Right of Way	400			-	400
Construction					
Construction Services	2,400			-	2,400
Third Party Agreements				-	-
Vehicles				-	-
Contingency	-		-	-	-
Total Current Budget	5,422	586	1,347	1,933	3,489

**Phase Detail - Preliminary
Engineering**

Parsons - Brinckerhoff	1,970	494	1,347	1,841	129
Other Phase Work	100	0			100
Unallocated Contingency	207		-		207
Total Phase	2,277	494	1,347	1,841	436

Parsons - Brinckerhoff	Board Approvals To Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Parsons - Brinckerhoff	449	449	1,225	1,673
Contingency	45	45	122	167
Total Contract	494	494	1,347	1,841
Percent Contingency	10%	10%	10%	10%

Notes:

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

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

The Project budget is located on page 52 of 198 of the 2014 Transit Improvement Plan (TIP)

SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION

Participation by Small Businesses and Disadvantaged Business Enterprises (DBEs)

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.

Parsons Brinckerhoff, Inc., is the prime consultant for this project consisting of several task orders. PB committed to a Small Business participation goal of 16% based upon Board approval of all the task orders. Completion of this task order will yield 9.9% Small Business participation.

The Small Business goal for the preliminary engineering phase of the project was 3.8%.

Small Business Goals

Sound Transit Goal: 16%

Performance to Date: 6.6% (significant work remains to be completed on other tasks)

Commitment: 9.9% (on this task order)

Subconsultant/Subcontractor	Business Type	% of Work	Amount
Historical Research Associates, Inc.	Small Business	0.22%	\$1,822
Ott Construction Consultants	Small Business	1.43%	\$18,785
Sowinski Sullivan Architects, PC	Small Business	8.34%	\$75,939
Total		9.9%	\$96,546

PUBLIC INVOLVEMENT

Not applicable to this action.

TIME CONSTRAINTS

A one-month delay will not adversely affect the completion of this project.

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2013-41: Authorized the chief executive officer to execute a contract amendment with Parsons Brinckerhoff, Inc. to complete preliminary engineering for the Sounder Yard Expansion project in the amount of \$448,717, with a 10% contingency of \$44,871 totaling \$493,589, for an authorized contract amount remaining at \$2,794,060.

Motion No. M2012-16: Authorized the chief executive officer to execute a contract amendment with Parsons Brinckerhoff, Inc. to complete environmental documentation for the Sounder Yard and Shops Facility project in the amount of \$1,732,683 with a 10% contingency of \$173,268, totaling \$1,905,951, for a new total authorized contract amount not to exceed \$2,794,060.

Motion No. M2011-02: Authorized the chief executive officer to execute a contract with Parsons Brinckerhoff, Inc. to provide initial project development services for the Sounder Yard & Shops Facility project in the amount of \$807,372 with a 10% contingency of \$80,737, for a total authorized contract amount not to exceed \$888,109.

ENVIRONMENTAL REVIEW

JI 4/14/2014

LEGAL REVIEW

JW 5/2/2014

MOTION NO. M2014-31

A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with Parsons Brinckerhoff, Inc. to complete program requirements and related documents for a design-build procurement for the Sounder Yard Expansion project in the amount of \$1,224,755, with a 10% contingency of \$122,476, for a new total contract amount not to exceed \$4,141,291, contingent upon Board approval of Resolution No. R2014-07 to amend the project budget.

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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 amendment with Parsons Brinckerhoff, Inc. to complete program requirements and related documents for a design-build procurement for the Sounder Yard Expansion project in the amount of \$1,224,755, with a 10% contingency of \$122,476, for a new total contract amount not to exceed \$4,141,291, contingent upon Board approval of Resolution No. R2014-07 to amend the project budget.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on May 8, 2014.


Fred Butler
Capital Committee Chair

ATTEST:


Marcia Walker
Board Administrator