

MOTION NO. M2013-41

Contract Amendment for Preliminary Engineering for the Sounder Yard Expansion Project

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Capital Committee	6/13/2013	Recommend to Board	Ric Ilgenfritz, PEPD Executive Director	206-398-5239
Board	6/27/2013	Final Action	Michael Williams, PEPD Capital Development Project Director Melissa Flores Saxe, Project Manager	206-398-5145 206-689-4968

PROPOSED ACTION

Authorizes 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.

KEY FEATURES SUMMARY

- The Sounder Yard Expansion project will increase track capacity at the layover facility in Lakewood to store up to seven train sets. The project will also complete drainage improvements and increase electrical power to accommodate additional wayside power and yard lighting.
- The increase in capacity is needed for the additional ST2 Sounder South service that begins in 2016 before the Sounder Yard and Shops project is complete.
- Under this contract, Parsons Brinckerhoff, Inc. (PB) will perform the following:
 - 30% plans and specifications
 - 30% cost estimates
 - Basis of design report
 - Drainage and hydraulic report
 - Right of way survey plans
 - Other services as requested in support of preliminary engineering
- The Board has authorized preliminary tasks under this contract including identification of facility requirements and potential facility locations, and development of environmental documentation. Upon completion of environmental review and preliminary engineering (PE), staff will seek Board approval for PB to provide final design and design assistance during construction.

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. Upon completion of environmental review and preliminary engineering (PE), staff will seek Board approval for PB to provide final design and design assistance during construction.

The Sounder Yard Expansion will provide the storage capacity necessary to accommodate planned additional Sounder South service while the need for a Yard and Shops is further evaluated. The Sounder Yard Expansion will need to be completed by 2016. By creating a separate project, Sound Transit will be able to track the level of effort in design and construction activities separate from the Sounder Yard & Shops Project.

No additional funds are being requested for this contract amendment to advance preliminary engineering and design of additional track capacity for the Sounder Yard Expansion project. There are sufficient remaining funds in the authorized tasks to complete preliminary engineering and design, these are anticipated to be completed in the fall of 2013. At that time, and after completion of environmental review, project staff will seek the Capital Committee's approval to advance final design of the Sounder Yard Expansion.

FISCAL IMPACT

The PB contract has been funded through completion of environmental documentation. There is sufficient budget to cover environmental documentation for both the Sounder Yard & Shop Project and the new Sounder Yard Expansion Project.

In a companion action, the Sounder Yard Expansion project is being established; funding for the Expansion project is being derived from the adopted budget of the Sounder Yard and Shops project. A budget of \$835,000 has been established for the Sounder Yard Expansion project, of which, \$700,000 is budgeted in the Preliminary Engineering phase. There are no commitments against that phase of the budget. This action will commit \$493,589 leaving an available remaining budget of \$206,411 in this phase.

The action is within the adopted budget and sufficient monies remain after approval of this action to fund the Board authorized work in the Preliminary Engineering phase. The action is affordable within the agency's long-term financial plan and subarea financial capacity, and will have no new revenue impact on Sound Transit.

Souder Yard Expansion

	Revised 2013 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	135	-		-	135
Preliminary Engineering	700	-	494	494	206
Final Design	-	-		-	-
Right of Way	-	-		-	-
Construction	-	-		-	-
Construction Services	-	-		-	-
Third Party Agreements	-	-		-	-
Vehicles	-	-		-	-
Total Current Budget	835	-	494	494	341

Phase Detail

Preliminary Engineering

Environmental Assessment	570	-	494	494	76
Other Preliminary Engineering	130	-	-	-	130
Total Phase	700	-	494	494	206

Contract Detail PB Americas, Inc.

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Souder Yards and Shops Contract Amount	2,540	2,540	(449)	2,091
Souder Yards and Shops Contingency Amount	254	254	(45)	209
Revised Souder Yards and Shops Contract Amt	2,794	2,794	(494)	2,300
Souder Yard Expansion Contract Amount	-	-	449	449
Souder Yard Expansion Contingency Amount	-	-	45	45
Souder Yard Expansion Contract Amt	-	-	494	494
Total Contract	2,794	2,794	-	2,794
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.

2013 TIP = Project will be created using funds from Souder Yard and Shops project.

This action was funded on the surplus from the committed contract with PB approved in M2012-16.

Remaining commitments to contract is part of Souder Yard and Shops Project.

SMALL BUSINESS PARTICIPATION

Sound Transit Goal: Parsons Brinckerhoff, Inc., the prime consultant for this project consisting of several task orders, committed to a Small Business participation goal of 16% based upon Board approval of all the task orders, culminating in preliminary design. Completion of this task order will yield 3.8% Small Business participation. If the Board authorizes completion of all the tasks in the contract, the 16% commitment will be met.

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

Small Business Goals

Sound Transit Goal: 16%

Commitment: 3.8% (on this task order)

Subconsultant/Subcontractor	Business Type	% of Work	Amount
SSA	Small Business	3.8%	\$16,924
Total		3.8%	\$16,924

EQUAL EMPLOYMENT WORKFORCE PROFILE

134 employees; 39% women; 19% minorities.

PUBLIC INVOLVEMENT

Not applicable to this section.

TIME CONSTRAINTS

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

PRIOR BOARD/COMMITTEE ACTIONS

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

Jl 6/4/2013

LEGAL REVIEW

JEN 06/07/13

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A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing 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.

BACKGROUND:

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The Sounder Yard Expansion project will increase track capacity at the layover facility in Lakewood to store up to seven train sets. The project will also complete drainage improvements and increase electrical power to accommodate additional wayside power and yard lighting. The Sounder Yard Expansion will provide the storage capacity necessary to accommodate planned additional Sounder South service while the need for a Yard and Shops is further evaluated. The Sounder Yard Expansion will need to be completed by 2016. By creating a separate project, Sound Transit will be able to track the level of effort in design and construction activities separate from the Sounder Yard & Shops Project.


Under this contract, Parsons Brinckerhoff, Inc. (PB) will perform 30% plans and specifications, 30% cost estimates, a basis of design report, a drainage and hydraulic report, right of way survey plans and other services as requested in support of preliminary engineering. The Board has authorized preliminary tasks under this contract including identification of facility requirements and potential facility locations, and development of environmental documentation. Upon completion of environmental review and preliminary engineering, staff will seek Board approval for PB to provide final design and design assistance during construction.

No additional funds are being requested for this contract amendment to advance preliminary engineering and design of additional track capacity for the Sounder Yard Expansion project. There are sufficient remaining funds in the authorized tasks to complete preliminary engineering and design, these are anticipated to be completed in the fall of 2013. At that time, and after completion of environmental review, project staff will seek the Capital Committee's approval to advance final design of the Sounder Yard Expansion.

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 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.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on June 27, 2013.


Julia Patterson
Board Vice Chair

ATTEST:


Marcia Walker
Board Administrator