

MOTION NO. M2012-16

Contract Amendment for Environmental Documentation Consulting Services for the Sounder Yard and Shops Project

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Capital Committee	04/12/12	Recommendation to Board	Ric Ilgenfritz, Executive Director, PEPD	206-398-5239
Board	04/26/12	Final Action	David Beal, Director, Planning and Development Andrea Tull, Project Manager, Planning and Project Development	206-398-5124 206-398-5040

PROPOSED ACTION

(1) Authorizes the chief executive officer to execute a contract amendment with Parsons Brinckerhoff to complete environmental documentation for the Sounder Yard and Shops 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 and (2) approves Gate 2 within Sound Transit's Phase Gate process.

KEY FEATURES

- As part of the ST2 plan, Sound Transit is evaluating operations and maintenance cost efficiencies associated with the development of commuter rail operations and maintenance facilities to support existing and future service levels. The Sounder Yard and Shops project will provide overnight storage for the south Sounder fleet and will provide maintenance capacity for the entire Sounder fleet.
- Sound Transit executed a contract with Parsons Brinckerhoff in 2011 for an initial phase of work that included a review of the fleet and operating assumptions through 2030, and an evaluation of potential sites for a Sounder Yard and Shops facility. Parsons Brinckerhoff has completed the initial phase of work.
- Environmental review was included as a task order within the original contract to be authorized by the Board after completion of project development and review of the analysis. This contract amendment would authorize completion of environmental review for the Sounder Yard and Shops project. The contract also included a task order for preliminary design, and an option for final design.
- At the conclusion of the environmental review process, staff will come back to the Capital Committee with a request to proceed with preliminary design of the project.
- The proposed action approves Gate 2 for the Sounder Yard and Shops project. Gate 2 authorizes the project to advance to identify alternatives and conceptual engineering. Conceptual engineering work will take place under this contract amendment as part of the environmental documentation work.

PROJECT DESCRIPTION

The Sounder Yard and Shops project will provide sufficient capacity to operate, store, and maintain the existing and future Sounder commuter rail fleet. Maintenance of the Sounder rolling stock (locomotives, cab cars and passenger cars) and fuel is provided through a sole-

source agreement with the National Railroad Passenger Corporation (Amtrak) which was initially approved in 1999. The agreement was amended in 2010 for a five-year period with one two-year and up to three one-year options to extend.

The project will enable Sound Transit to build its own storage and maintenance facility and consider competitive bidding for maintenance of the Sounder fleet. Operation of the Sounder trains will continue to be provided by Burlington Northern Santa Fe Railway (BNSF) as required by the agreement with BNSF.

FISCAL INFORMATION

Project Budget

Sounder Yard & Shops Facilities	2012 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted/ (Shortfall)
Agency Administration	846	31	-	31	815
Preliminary Engineering	5,766	916	1,906	2,822	2,944
Final Design	-	-	-	-	-
3rd Party	-	-	-	-	-
Right of Way	300	25	-	25	275
Construction	-	-	-	-	-
Construction Management	-	-	-	-	-
Vehicles	-	-	-	-	-
Contingency	-	-	-	-	-
Total Project Budget	\$ 6,912	\$ 972	\$ 1,906	\$ 2,877	\$ 4,034

Phase Detail

Preliminary Engineering

Parsons Brinckerhoff	4,888	508	1,906	2,414	2,474
Other Phase Activity	878	408	-	408	470
Total Phase	\$ 5,766	\$ 916	\$ 1,906	\$ 2,822	\$ 2,944

Contract Detail

Parsons Brinckerhoff	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract	807	807	1,733	2,540
Contingency	81	81	173	254
Total Contract Amount	\$ 888	\$ 888	\$ 1,906	\$ 2,794
Percent Contingency	10%	10%	10%	10%

Notes:

Amounts are expressed in Year of Expenditure \$000.

Board Approvals = Committed to-date + Contingency, and includes pending Board Actions.

Project budget is located on page 59 of the 2012 Transit Improvement Plan.

SMALL BUSINESS PARTICIPATION

Sound Transit Goal: Parsons Brinckerhoff, 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 single task order will yield 7.8% Small Business participation. If the Board authorizes completion of all the tasks in the contract, the 16% commitment will be met.

Subconsultant/Subcontractor	Business Type	% of Work	Dollar Value
HRA	Small Business	1.7%	\$29,026
Ott	Small Business	.5%	\$8,573
SSA	Small Business	5.6%	\$96,765
Total		7.8%	\$134,383

EQUAL EMPLOYMENT WORKFORCE PROFILE

134 employees; 39% women; 19% minorities

BACKGROUND

The Sounder Yard and Shops project is a component of the voter-approved ST2 plan and is included in the 2012 Transit Improvement Plan (TIP). Project development for the Sounder Yard and Shops project has been completed. The project development included an evaluation of potential sites for a Sounder Yard and Shops facility. The project is now ready to begin environmental review which includes conceptual engineering and identification of alternatives. Board approval of Gate 2 will advance the project to conceptual engineering which is included as part of the environmental documentation work.

Amtrak has provided the maintenance of Sound Transit's commuter rail fleet under a sole source contract since 2000. Resolution No. R99-10 authorized a sole source, fixed-price contract with Amtrak for maintenance of the Sounder commuter rail fleet. In 2010, the Board took action to amend the sole source contract with Motion M2010-28 to extend the agreement for five years with a two-year option and with the potential for three more one-year options, to provide time and flexibility for Sound Transit to finalize a long-term fleet management strategy including the construction of a Sound Transit-owned maintenance facility.

The existing layover location at Lakewood is not sufficient to accommodate the planned Sounder commuter rail fleet. Additional layover capacity is needed to accommodate the additional Sounder south line round trips that were included in the ST2 Plan. Design and construction of a Sound Transit-owned maintenance facility will allow maintenance of the Sounder vehicles to be competitively bid to potentially reduce maintenance costs.

A number of potential sites were identified and evaluated in the initial project development work. Expansion of the existing Lakewood layover site has also been identified in the analysis as a potential workable location for overnight storage and maintenance. The proposed contract amendment will allow Parsons Brinkerhoff to assist Sound Transit and the Federal Transit Administration to confirm the scope of the environmental analysis, including the alternative(s) to carry forward for more detailed analysis.

The advertised scope of work for the Sounder Yard and Shops project included initial project development tasks as well as task orders for environmental documentation and preliminary design. It included an option for final design to take advantage of efficiencies that could result from the consultant's knowledge gained during the project development phase of the contract.

The environmental analysis and supporting conceptual engineering proposed in this task order will assist in the refinement of project costs. The environmental review will comply not only with

the State Environmental Policy Act but also the National Environmental Policy Act requirements to ensure that the project is eligible for potential federal grant funds.

ENVIRONMENTAL COMPLIANCE

PW 3/05/2012 and JI 2/22/2012

PRIOR BOARD/COMMITTEE ACTIONS

Motion No. M2011-02: Authorized the chief executive officer to execute a one-year contract with Parsons Brinckerhoff to provide initial project development services for the Sounder Yard and Shops 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. The contract allowed for the Sound Transit Board to authorize additional task orders for the project, including Task Order 5, environmental documentation.

TIME CONSTRAINTS

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

PUBLIC INVOLVEMENT

Not applicable to this action.

LEGAL REVIEW

PW 3/05/2012

MOTION NO. M2012-16

A motion of the Board of the Central Puget Sound Regional Transit Authority (1) authorizing the chief executive officer to execute a contract amendment with Parsons Brinckerhoff to complete environmental documentation for the Sounder Yard and Shops 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 and (2) approving Gate 2 within Sound Transit's Phase Gate process.

BACKGROUND:

The Sounder Yard and Shops project is a component of the voter-approved ST2 plan and is included in the 2012 Transit Improvement Plan (TIP). Project development for the Sounder Yard and Shops project has been completed. The project development included an evaluation of potential sites for a Sounder Yard and Shops facility. The project is now ready to begin environmental review which includes conceptual engineering and identification of alternatives. Board approval of Gate 2 will advance the project to conceptual engineering which is included as part of the environmental documentation work.

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MOTION:

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that (1) the chief executive officer is authorized to execute a contract amendment with Parsons Brinckerhoff to complete environmental documentation for the Sounder Yard and Shops 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 and (2) Gate 2 within Sound Transit's Phase Gate process is approved.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 26, 2012.



Julia Patterson
Board Vice Chair

ATTEST:



Marcia Walker
Board Administrator

PHASE GATE ACTION
Sounder Yard and Shops Project

MEETING	DATE	STAFF CONTACT	PHONE
Capital Committee	4/12/12	Ric Ilgenfritz, Executive Director, PEPD	206-398-5239
Board	4/26/12	David Beal, Director, Planning and Development Andrea Tull, Project Manager, Planning and Project Development	206-398-5124 206-398-5040



ACTION REQUESTED

Approve Phase Gate 2 for the Sounder Yard and Shops project.

BUDGET

Preliminary Engineering Budget: \$6,912,000
Estimated Final Project Cost: \$150,356,000

PROJECT DESCRIPTION

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The existing layover location at Lakewood is not sufficient to accommodate the planned Sounder commuter rail fleet. Additional layover capacity is needed to accommodate the additional Sounder south line round trips that were included in the ST2 Plan. The Sounder Yard and Shops project will provide sufficient capacity to operate, store, and maintain the existing and future Sounder commuter rail fleet. Design and construction of a Sound Transit-owned maintenance facility will allow maintenance of the Sounder vehicles to be competitively bid to potentially reduce maintenance costs.

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ACTION APPROVED



Julia Patterson, Board Vice Chair

April 26, 2012

Date