

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2005-118

Contract Amendment for Railroad On-Call Engineering Services

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	10/20/05	Discussion/Possible Action	Jim Edwards, Deputy Director, Capital Projects Diane Hilmo, Project Manager, Capital Projects	(206) 398-5436 (206) 398-5415

Contract/Agreement Type:	<input checked="" type="checkbox"/>	Requested Action:	<input checked="" type="checkbox"/>
Competitive Procurement	<input checked="" type="checkbox"/>	Execute New Contract/Agreement	
Sole Source		Amend Existing Contract/Agreement	<input checked="" type="checkbox"/>
Agreement with Other Jurisdiction(s)		Budget Amendment	

PROJECT NAME

Railroad Engineering On-Call Consulting Services

PROPOSED ACTION

Authorizes the Chief Executive Officer to execute a contract amendment with Parsons Brinckerhoff Quade & Douglas, Inc. to provide additional on-call railroad and other engineering services for the Capital Projects program in the amount of \$100,000, for a new total authorized contract amount not to exceed \$300,000.

KEY FEATURES of PROPOSED ACTION

- The existing on-call contract with Parsons Brinckerhoff Quade & Douglas, Inc., to provide on-call railroad design and operational analysis to the Capital Projects Department, was awarded May 23, 2005 based on a competitive procurement process.
- This action will amend the existing on-call contract by providing additional funding to the contract, to allow for anticipated additional on-call railroad engineering services. Due to an unexpected long-term leave of absence of in-house staff with railroad expertise, the current contract has been used to provide additional railroad engineering expertise during the Lakewood – Tacoma Track and Signal 30% to 75% design phase utilizing the current contract amount at a faster rate than planned.
- The purpose of this contract is to provide the Sound Transit Capital Projects Department with various railroad engineering services such as:
 - Provide specialized engineering services and staff, available when needed by the Capital Projects Department.
 - Assistance with the design and operational analysis of commuter rail to support review of design alternatives and operational scenarios.
 - Assistance with development of plans and specifications for construction of track and signal elements of Sounder commuter rail corridors; engineering analysis, including the

proposal and evaluation of alternative solutions to railroad engineering issues; independent review of railroad engineering design work developed by Sound Transit or other consulting firms; and CADD support services.

- Consultant will provide an Independent Technical Review of the final design plans and specification submittals for the Lakewood to Tacoma corridor, which include track, signals, structures, utility relocations, grade crossings, and layover yard.
- The term of this contract is two years and expires May 22, 2007.

BUDGET IMPACT SUMMARY

Current Project Phase: Final Design
 Projected Completion Date: 2007

Action Outside of Adopted Budget:	✓	Comments on Checked Items
This Project		
This Phase		
This Task		
Budget Amendment Required		

Key Financial Indicators:	✓	Comments on Checked Items
Contingency Funds Required		
Funding required from other parties (other than what is in financial plan)		

Not checked = action is assumed in current Board-adopted budget. No budget action or adjustment to financial plan required.

There is no action outside of the Board-adopted budget; there are no contingency funds required, no subarea impacts, or funding required from other parties other than what is already assumed in the financial plan.

BUDGET and FINANCIAL PLAN DISCUSSION

This contract will be used for providing Sound Transit Capital Projects Department with various railroad engineering services for commuter rail. Task orders for the following projects will likely be issued under this contract: Lakewood to Tacoma track and signal design and the Lakewood to Tacoma layover yard design. There is sufficient funding in the preliminary engineering and final design budgets for the amount of work for this contract.

This is an on-call contract which will only be used when needed. At that time, an evaluation of specific scope and cost of the work will be performed and sufficient uncommitted project budget will be identified prior to executing a task order against this contract.

BUDGET TABLE

Not applicable to this action.

M/W/DBE – SMALL BUSINESS PARTICIPATION

Prime Consultant/Contractor

Parsons Brinckerhoff is the prime consultant for this contract and was selected from a competitive procurement process. Parsons Brinckerhoff is committed to an 18% M/W/DBE and Small Business goal.

To date, Capital Projects has not had the ability to utilize the specified subconsultants due to the highly specialized railroad engineering nature of the services needed. With the upcoming task orders, to include independent technical review, civil engineering efforts, and discrete engineering tasks, we will actively seek opportunities to use M/W/DBE firms.

Utilization Breakdown Table

Subconsultant	Business Type	% of Work	Dollar Value
Bolima Drafting & Design	MBE/DBE	5%	\$ 10,000
Civil Tech Engineering	MBE/DBE	3%	\$ 6,000
Infrastructure Consulting Corporation (ICON)	MBE/DBE	7%	\$ 14,000
The Underhill Company	WBE/DBE	2%	\$ 6,000
Total		18%	\$ 36,000

EEO Commitment

Parsons Brinckerhoff workforce demographics are 26% women and 20% minorities.

PROJECT DESCRIPTION and BACKGROUND for PROPOSED ACTION

The Parsons Brinckerhoff Quade & Douglas on-call railroad engineering contract provides consultant services for railroad engineering, engineering analysis, independent review, and CADD support services for commuter rail division of the Capital Projects Department, including the Tacoma to Everett and Lakewood to Tacoma Sounder corridors.

An on-call railroad engineering services roster was established in April 2005. Parsons Brinckerhoff was selected along with JL Patterson to provide railroad engineering services. The current Parsons Brinckerhoff contract was authorized by the Chief Executive Officer in May 2005 from the on-call roster procurement.

Parsons Brinckerhoff scope of services would include independent technical review of design, constructability, and operational analysis of grading and drainage, track work and track alignment, signals, grade crossings, cost estimates, coordination with third parties, and track and signal inspection and special operating analysis if needed. Parsons Brinckerhoff also provides staff resources and expertise to supplement Sound Transit staff.

Prior Board/Committee Actions on this Project and Relevant Board Policies

Not applicable for this action.

CONSEQUENCES of DELAY

Delay beyond October 20, 2005 will not have significant impact upon the progress of the track and signal engineering, but will break the continuity of the ongoing design review. However, any long delays could impact the scheduled Independent Technical Review of the 90% design submittal for the Lakewood to Tacoma track and signal project.

PUBLIC INVOLVEMENT

Not applicable for this action.

ENVIRONMENTAL COMPLIANCE

Not applicable for this action.

LEGAL REVIEW

JW 10/12/05

SOUND TRANSIT

MOTION NO. M2005-118

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority authorizing the Chief Executive Officer to execute a contract amendment with Parsons Brinckerhoff Quade & Douglas, Inc. to provide additional on-call railroad and other engineering services for the Capital Projects program in the amount of \$100,000, for a new total authorized contract amount not to exceed \$300,000.

Background:

The Parsons Brinckerhoff Quade & Douglas on-call railroad engineering contract provides consultant services for railroad engineering, engineering analysis, independent review, and CADD support services for commuter rail division of the Capital Projects Department, including the Tacoma to Everett and Lakewood to Tacoma Sounder corridors.

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Motion:

It is hereby moved by the Finance Committee of the Central Puget Sound Regional Transit Authority that the Chief Executive Officer is authorized to execute a contract amendment with Parsons Brinckerhoff Quade & Douglas, Inc. to provide additional on-call railroad and other engineering services for the Capital Projects program in the amount of \$100,000, for a new total authorized contract amount not to exceed \$300,000.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on October 20, 2005.


Jack Crawford
Finance Committee Chair

ATTEST:



Marcia Walker
Board Administrator