

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2009-28

Design Review Services Contract Amendment

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	4/16/09	Discussion/Possible Action to Recommend Board Approval	Jim Edwards, Capital Projects Director	(206) 398-5436
Board	4/23/09	Action	Eric Beckman, Rail Program Manager Jodi Mitchell, Project Manager	(206) 398-5251 (206) 398-5080

Contract/Agreement Type:	✓	Requested Action:	✓
Competitive Procurement		Execute New Contract/Agreement	
Sole Source		Amend Existing Contract/Agreement	✓
Agreement with Other Jurisdiction(s)		Budget Amendment	
Real Estate		Property Acquisition	

PROJECT NAME

M Street-to-Lakewood Track and Signal Improvements and Pt. Defiance Bypass Project

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract amendment with HDR Engineering, Inc. to provide additional design services during construction for the M Street-to-Lakewood Track and Signal project in the amount of \$477,477 with a 10% contingency of \$47,748 totaling \$525,225 for a new total authorized contract amount not to exceed \$7,173,687.

KEY FEATURES of PROPOSED ACTION

- HDR Engineering, Inc. (HDR) has completed preliminary engineering and final design for the M Street-to-Lakewood Track and Signal Improvements project along the Tacoma-to-Lakewood commuter rail corridor and is currently performing design services during construction.
- This proposed contract amendment provides for additional design services during construction, including, review of contractor submittals and existing utility coordination.

BUDGET IMPACT SUMMARY

Current Project Phase: Construction
Projected Completion Date: 2010

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

BUDGET and FINANCIAL PLAN DISCUSSION

The Adopted 2009 Budget for the M Street-to-Lakewood Track and Signal project is \$78,630,326 with a construction phase budget of \$45,564,089. The proposed action is to amend the contract with HDR to increase the contract amount by \$525,225. The proposed action will leave a construction phase balance of \$1,394,444 and a project balance of \$5,232,379.

There are sufficient funds to complete this action within the project budget. Commitment of these additional funds will not endanger any other project elements that will be funded by the overall project.

BUDGET TABLE

Summary for Board Action (Year of Expenditure \$000)

Project: 130 - M Street - Lakewood Track & Signal

	2009 Board Adopted Budget ¹ (A)	Committed To Date ² (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
1 Agency Administration	\$ 3,675	\$ 3,675	\$ -	\$ 3,675	\$ -
2 Preliminary Engineering	\$ 1,497	\$ 1,500	\$ -	\$ 1,500	\$ (4)
3 Final Design	\$ 3,776	\$ 2,928	\$ -	\$ 2,928	\$ 848
4 Right of Way	\$ 12,187	\$ 12,172	\$ -	\$ 12,172	\$ 14
5 Construction	\$ 45,564	\$ 43,644	\$ 525	\$ 44,170	\$ 1,394
6 Vehicles	\$ 8,953	\$ 8,953	\$ -	\$ 8,953	\$ 1
7 Contingency	\$ 2,979	\$ -	\$ -	\$ -	\$ 2,979
8 Total Current Budget	\$ 78,630	\$ 72,873	\$ 525	\$ 73,398	\$ 5,232

Phase Budget Detail

9 Construction	45,564	43,644	\$ 525	\$ 44,170	\$ 1,394
10 Misc. Activity	\$ -	\$ -	\$ -	\$ -	\$ -
11 Total Phase	\$ 45,564	\$ 43,644	\$ 525	\$ 44,170	\$ 1,394

Contract Budget	Current Approved Contract Value ³ (F)	Committed To Date ² (G)	Proposed Action (H)	Proposed Total Contract Value (I)
12 HDR Engineering, Inc.	\$ 6,044	\$ 5,508	\$ 477	\$ 6,522
13 Contingency	\$ 604	\$ 518	\$ 48	\$ 652
14 Total	\$ 6,648	\$ 6,027	\$ 525	\$ 7,174
15 Percent Contingency	10%	9%	10%	10%

Notes:

¹ Project budget is located on page 121 of the Proposed 2009 Budget book. The 2009 Budget was adopted by the Board on December 11, 2008.

² Committed to date amount includes actual outlays and commitments through February 28, 2009, and another staff report to award the construction contract to Railworks Track Systems, Inc. in the amount of \$37.4M.

³ Current contract value includes amounts for D St.-M St. Track & Signal and Layover projects.

SMALL BUSINESS PARTICIPATION

Prime Consultant/Contractor

HDR Engineering, Inc. is the prime consultant for this contract. HDR committed to a 44% Small Business goal. With this amendment, overall small business participation is 31.76%.

Utilization Breakdown Table

Subconsultant/Subcontractor	Business Type	% of Work	Dollar Value
Lin & Associates	MWBE/DBE	7.08%	\$500,640
Cherokee	MWBE/DBE	0.65%	\$46,217
On-Site Environmental	MBE/DBE	1.04%	\$73,833
Systems Consulting	MWBE/DBE	5.21%	\$368,375
Twin City Signal	Small Business	12.89%	\$910,664
Transit Safety Management	DBE	0.51%	\$36,270
GHL	MBE/DBE	4.03%	\$285,015
Keske	Small Business	0.05%	\$3,455
Van Devanter	Small Business	0.30%	\$21,000
Total		31.76%	\$2,245,469

Equal Employment Workforce Profile

HDR Engineering, Inc.'s workforce demographics are 29% women and 13% minorities.

Apprentice Utilization Commitment

Not applicable. There are no apprentice utilization requirements since this is a professional services contract.

PROJECT DESCRIPTION and BACKGROUND for PROPOSED ACTION

HDR Engineering was awarded an engineering design contract in 2004 to complete the preliminary engineering for the original Sounder Tacoma-to-Lakewood track extension rail corridor. In 2005 the contract was amended to include final design.

Since then, Sound Transit divided the single track project into two separate track projects, M Street to Lakewood and D Street to M Street. The D Street to M Street Track & Signal Project in Tacoma is a new 1.2 mile track segment that will ultimately connect with the M Street to-Lakewood Track & Signal segment. The contract amendment for separating the two projects was approved by the Board in 2007.

The M Street-to-Lakewood Track and Signal and Pt. Defiance Bypass Project will construct track and signal improvements along the existing Lakewood sub-division rail corridor from M Street in Tacoma to Bridgeport Way in Lakewood, and complete environmental remediation on two Sound Transit parcels in Tacoma.

In addition, Sound Transit and the Washington State Department of Transportation (WSDOT) executed an agreement such that WSDOT agreed to fund an amount not-to-exceed \$9,500,000 for Sound Transit to construct a portion of the track and signal improvements of the Pt. Defiance By-Pass between 66th Street in Tacoma and Bridgeport Way in Lakewood.

In July 2008, the Board authorized HDR Engineering to provide technical support and design review for fiber optic relocation, design support through the bidding process, and design support during construction.

This action would execute a contract amendment with HDR Engineering, Inc. and its sub-consultants to provide review of contractor submittals, including shop drawings, submittals for rail and special rail work, signals, and coordination of existing utilities.

Sound Transit received bids to construct the M Street to Lakewood Track and Signal Project in March 2009. Construction is currently scheduled to begin May 20, 2009. Staff is seeking authorization to execute a contract for construction services through a separate Board action.

Prior Board Committee Actions

Motion/Resolution Number and Date	Summary of Action
M2008-66 7/24/08	Authorized the Chief Executive Officer to execute a contract amendment with HDR Engineering, Inc., to provide design services, technical support and design review for the M Street-to-Lakewood Track & Signal project in the amount of \$567,005 with a 10% contingency of \$56,701 totaling \$623,706 for a new total authorized amount not to exceed \$6,648,462.
M2007-44 4/26/07	Authorized the Chief Executive Officer to execute a contract amendment with HDR Engineering to provide design services for the M Street-to-Lakewood Track & Signal project in the amount of \$329,000 with 10% contingency of \$32,900 totaling \$361,900, for a new total authorized contract amount not to exceed \$6,024,756.
M2005-61 6/23/05	Authorized the Chief Executive Officer to execute a contract amendment with HDR Engineering to include final design services for track signal work for the Lakewood to Tacoma commuter rail segment in the amount of \$3,929,927 with 10% contingency of \$392,997 for a new total authorized amount not to exceed \$5,429,916.
M2004-115 11/18/04	Authorized the Chief Executive Officer to executive a contract with HDR Engineering, Inc., to provide preliminary engineering services for the Lakewood-to-Tacoma Track and Signal Project in the amount of \$1,006,356, with a 10% contingency of \$100,636 for a total authorized contract amount not to exceed \$1,106,992.

CONSEQUENCES of DELAY

Sound Transit plans to issue a Notice to Proceed (NTP) for the construction of this project on May 20, 2009. A normal volume of submittal reviews are anticipated in the initial months following the NTP. Therefore, a delay in approving this contract amendment would have an impact on the critical path of the project.

PUBLIC INVOLVEMENT

Not applicable to this action.

ENVIRONMENTAL COMPLIANCE

SSK 3-19-09

LEGAL REVIEW

JW 4/8/09

SOUND TRANSIT

MOTION NO. M2009-28

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract amendment with HDR Engineering, Inc. to provide additional design services during construction for the M Street-to-Lakewood Track and Signal project in the amount of \$477,477 with a 10% contingency of \$47,748 totaling \$525,225 for a new total authorized contract amount not to exceed \$7,173,687.

Background:

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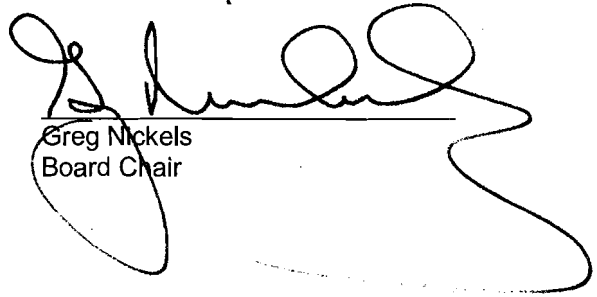
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Motion:

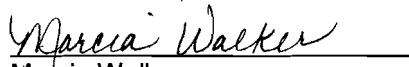
It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract amendment with HDR Engineering, Inc. to provide additional design services during construction for the M Street-to-Lakewood Track and Signal project in the amount of \$477,477 with a 10% contingency of \$47,748 totaling \$525,225 for a new total authorized contract amount not to exceed \$7,173,687.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 23, 2009.



Greg Nickels
Board Chair

ATTEST:



Marcia Walker
Board Administrator