

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2008-66

Contract Amendment with HDR Engineering for Track and Signal Design Services

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	7/17/08	Discussion/Possible Action to Recommend Board Approval	Jim Edwards, Capital Projects Director	(206) 398-5436
Board	7/24/08	Action	Jodi Mitchell, Project Manager	(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 & Signal Project

PROPOSED ACTION

Authorizes 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.

KEY FEATURES of PROPOSED ACTION

- The scope of the existing contract with HDR Engineering, Inc (HDR) is to complete preliminary engineering and final design for the track and signal along the Tacoma-to-Lakewood commuter rail corridor.
- This contract amendment is to increase HDR's budget to provide the following additional services:
 - Technical support and design review for fiber optic relocation by telecommunications companies and other public utilities.
 - Design support through its bidding process.
 - Design support during construction.

BUDGET IMPACT SUMMARY

Current Project Phase: Final Design
 Projected Completion Date: June 2010

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

The Adopted 2008 Budget for this project is \$73,601,367 with a final design phase budget of \$3,775,875. The proposed action is to authorize a contract amendment with HDR Engineering Inc. for \$623,706. This action will leave a final design phase balance of \$196,913. The project balance after this action will be \$39,490,345.

There are sufficient funds to complete this action. Committing these funds will not endanger any other project elements that are to be funded out of the overall project.

BUDGET TABLE

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

Project: 130 M Street - Lakewood Track & Signal

	2008 Board Adopted Budget ¹ (A)	Committed To Date ² (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
1 Agency Administration	\$ 3,373	\$ 3,373	\$ -	\$ 3,373	\$ -
2 Preliminary Engineering	\$ 1,495	\$ 1,500	\$ -	\$ 1,500	\$ (5)
3 Final Design	\$ 3,776	\$ 2,955	\$ 624	\$ 3,579	\$ 197
4 Right of Way	\$ 12,187	\$ 11,847	\$ -	\$ 11,847	\$ 340
5 Construction	\$ 40,598	\$ 4,859	\$ -	\$ 4,859	\$ 35,740
6 Vehicles	\$ 9,891	\$ 8,953	\$ -	\$ 8,953	\$ 938
7 Contingency	\$ 2,280	\$ -	\$ -	\$ -	\$ 2,280
8 Total Current Budget	\$ 73,601	\$ 33,487	\$ 624	\$ 34,111	\$ 39,490

Phase Budget Detail

9 Final Design	\$ 3,776	\$ 2,955	\$ 624	\$ 3,579	\$ 197
10 Misc. Activity	\$ -	\$ -	\$ -	\$ -	\$ -
11 Total Phase	\$ 3,776	\$ 2,955	\$ 624	\$ 3,579	\$ 197

Contract Budget	Current Approved Contract Value (F)	Spent to Date (G)	Proposed Action ⁴ (H)	Proposed Total Contract Value (I)
HDR Engineering Inc. ³	\$ 5,477	\$ 5,378	\$ 567	\$ 6,044
Contingency	\$ 548	\$ 518	\$ 57	\$ 604
Total	\$ 6,025	\$ 5,896	\$ 624	\$ 6,648
Percent Contingency	10%	10%	10%	10%

Notes:

¹ Project budget is located on page 116 of the Adopted 2008 Budget book. The Adopted 2008 Budget was approved by the Board on November 29, 2007.

² Committed to date amount includes actual outlays and commitments through May 30, 2008.

³ The existing HDR contract includes work on D St. - M St. Track & Signal and the Layover projects those amounts are included in the contract budget amounts.

SMALL BUSINESS PARTICIPATION

Prime Consultant/Contractor

- HDR Engineering is the prime consultant for this contract. HDR's original commitment was 44% small business participation. With this amendment, overall small business participation is 33%.

Utilization Breakdown Table

Subconsultant/Subcontractor	Business Type	% of Work	Dollar Value
Lin & Associates	MBE/DBE	7.63%	\$500,640
Cherokee	MWBE/DBE	0.70%	\$46,217
On-Site Environmental	MBE/DBE	1.13%	\$73,833
Systems Consulting	MWBE/DBE	5.61%	\$368,375
Transit Safety Management	DBE	0.55%	\$36,270
GHL	MBE/DBE	4.34%	\$285,015
Twin City Signal	Small Business	13.06%	\$856,950
Keske	Small Business	0.05%	\$3,455
Van Devanter	Small Business	0.32%	\$21,000
Total		33.11%	\$2,191,755

EEO Commitment

- 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 a professional services contract.

PROJECT DESCRIPTION and BACKGROUND for PROPOSED ACTION

The M Street-to-Lakewood Track & Signal Project provides track and signal improvements along the existing Lakewood sub-division rail corridor from M Street in Tacoma to Bridgeport Way in Lakewood, and a complete environmental remediation on two Sound Transit parcels formerly known as the McMacken and Stone properties.

The M Street to Lakewood project is scheduled to go to bid at the beginning of September. Construction is scheduled to start in December with a nineteen (19) month duration.

Design Support Services during Construction

HDR will provide normal and typical construction support services related to the design of this project including review of contractor submittals, responding to contractor RFI's, attending on-site construction meetings and preparing as built drawings at project completion.

Technical Support and Design Review

HDR will provide Sound Transit with technical support in the review of AT&T, MCI/Verizon, and Level 3 Communications fiber optic and other public utility relocation design within the limits of the Tacoma to Lakewood Track & Signal Improvements Project to include the following:

- Direct technical assistance for communications with AT&T, MCI/Verizon, and Level 3 Communications.
- HDR will supplement the Sound Transit technical staff and provide evaluations & recommendations related to the relocation impacts to the track and signal improvements projects.
- Review drawings, diagrams, illustrations, specifications and other documents requested by Sound Transit.

Prior Board/Committee Actions

Motion/Resolution Number and Date	Summary of Action
M2007-44 4/26/07	Authorizes the Chief Executive to execute a contract amendment with HDR Engineering for to provide design services in the amount of \$329,000 with a 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	Authorizes the Chief Executive 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 exceed \$5,429,916.
M2004-115 11/18/04	Authorizes the Chief Executive Officer to executive a contract with HDR Engineering, Inc., to provide preliminary engineering services for the Tacoma-to-Lakewood 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

A delay in authorizing this amendment would negatively impact Sound Transit's ability to effectively collaborate with utilities on relocation designs ultimately delaying the advertisement of the Invitation to the Bid for the M Street-to-Lakewood Track & Signal Project.

PUBLIC INVOLVEMENT

Not applicable to this action.

ENVIRONMENTAL COMPLIANCE

SSK 6-17-08

LEGAL REVIEW

JW 7/9/08

SOUND TRANSIT

MOTION NO. M2008-66

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 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.

Background:

The M Street-to-Lakewood Track & Signal Project provides track and signal improvements along the existing Lakewood sub-division rail corridor from M Street in Tacoma to Bridgeport Way in Lakewood, and a complete environmental remediation on two Sound Transit parcels formerly known as the McMacken and Stone properties.

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Technical Support and Design Review

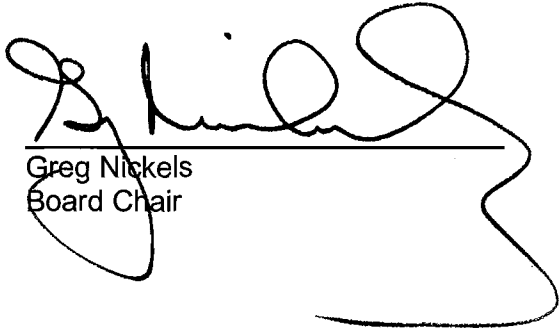
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- HDR will supplement the Sound Transit technical staff and provide evaluations & recommendations related to the relocation impacts to the track and signal improvements projects.
- Review drawings, diagrams, illustrations, specifications and other documents requested by Sound Transit.

Motion:

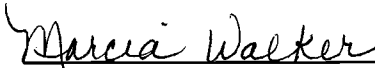
It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract amendment with HDR Engineering Inc., to provide design services, technical support and design review for the M Street-to-Lakewood Track & Signal project 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.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on July 24, 2008.



Greg Nickels
Board Chair

ATTEST:



Marcia Walker
Board Administrator