



MOTION NO. M2010-83
Lakewood Layover Yard Improvements Final Design Contract

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Capital Committee	9/9/2010	Final Action	Ahmad Fazel, DECM Executive Director Melissa Flores Saxe, Project Manager	206-398-5389 206-689-4968

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with HDR Engineering, Inc. to provide final design services for the Lakewood portion of the Layover project in the amount of \$465,861, with a 10% contingency of \$46,586 for a total authorized contract amount not to exceed \$512,447.

KEY FEATURES

- This contract will complete final design work for Lakewood Layover Yard Improvements.
- The Lakewood Layover Yard will allow for Sounder train sets to be stored for the Lakewood-to-Seattle corridor. This facility will need to be constructed prior to commencement of the Lakewood-to-Seattle commuter rail service in mid-2012.
- Final design scope of work includes:
 - Civil design
 - Specification and estimating support
 - Project management
 - Surveying and mapping services
 - Permitting support
 - Geotechnical and environmental services
 - Bid support services
 - Design support services during construction
 - Optional architectural design services for tenant improvements

PROJECT DESCRIPTION

The Layover Project (140) is a system wide component of the commuter rail program. It includes storage tracks and facilities for layover of trains at Seattle, Everett and Lakewood. The costs and budget are allocated to three subareas based on vehicle miles. The final phase of construction at Everett will occur in 2010, providing additional storage tracks and facilities for light duty maintenance.

SMALL BUSINESS PARTICIPATION

Sound Transit Goal:
 Small Business: 13%
 DBE: 3%

Commitment:
 Small Business: 31.64%
 DBE: 7.5%

Subconsultant/Subcontractor	Business Type	% of Work	Dollar Value
TranTech Engineering	Small Business	24.14%	\$112,452
Lin and Associates	DBE	7.50%	\$34,957
Total		31.64%	\$147,409

EQUAL EMPLOYMENT WORKFORCE PROFILE

370 employees; 39.1% women, 17.3% minorities.

FISCAL INFORMATION

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

Project: 140 - Layover

	2010 Board Adopted Budget ¹ (A)	Committed To Date ² (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
Agency Administration	\$ 981	\$ 981	\$ -	\$ 981	\$ -
Preliminary Engineering	\$ 268	\$ 268	\$ -	\$ 268	\$ (0)
Final Design	\$ 754	\$ 790	\$ 512	\$ 1,302	\$ (549)
3rd Party	\$ -	\$ -	\$ -	\$ -	\$ -
Right of Way	\$ 1,959	\$ 1,442	\$ -	\$ 1,442	\$ 517
Construction	\$ 21,337	\$ 20,018	\$ -	\$ 20,018	\$ 1,319
Construction Management	\$ -	\$ -	\$ -	\$ -	\$ -
Vehicles	\$ -	\$ -	\$ -	\$ -	\$ -
Contingency	\$ 1,513	\$ -	\$ -	\$ -	\$ 1,513
Total Current Budget	\$ 26,812	\$ 23,500	\$ -	\$ 24,012	\$ 2,800

Phase Budget Detail

Final Design	\$ 754	\$ 790	\$ 512	\$ 1,302	\$ (549)
Misc. Activity	\$ -	\$ -	\$ -	\$ -	\$ -
Total Phase	\$ 754	\$ 790	\$ 512	\$ 1,302	\$ (549)

Contract Budget

	Current Approved Contract Value (F)	Committed To Date ² (G)	Proposed Action (H)	Proposed Total Contract Value (I)
HDR Engineering, Inc.	\$ -	\$ -	\$ 466	\$ 466
Contingency	\$ -	\$ -	\$ 47	\$ 47
Total	\$ -	\$ -	\$ 512	\$ 512
Percent Contingency	0%	0%	10%	10%

Budget Shortfall

Level	Shortfall Amt (J)	Potential Funds (K)	Funding Source (L)
Final Design	\$ (549)	\$ 1,513	Project Contingency
Total	\$ (549)	\$ 1,513	

Notes:

¹ Project budget is located on page 58 of the Adopted 2010 Transit Improvement Plan budget book.

² Committed to date amount includes actual outlays and commitments through June 30, 2010.

BACKGROUND

Due to the delay of the Lakewood-to-Tacoma commuter rail extension, Sound Transit executed a construction agreement with City of Tacoma (Motion No. M2008-60) and awarded a construction contract to Railworks Track System (Motion No. M2008-81) to construct the L Street Layover expansion improvements on Tacoma Rail's right of way. The capital improvements were necessary in order to increase train storage capacity in Tacoma to operate the ninth Sounder roundtrip train, along the Tacoma-to-Seattle corridor, in summer 2009.

The design and construction of the L Street Layover expansion improvements affected the Layover Project budget. The Layover Project budget has sufficient remaining budget to cover final design for the Lakewood Layover Yard Improvements. A budget increase will be requested during the 2011 Budget process to fund the construction phase.

Sound Transit is scheduled to begin Seattle-to-Lakewood Sounder commuter rail service in summer 2012. When service commences in this corridor, the overnight storage of trains will be relocated from the current location at L Street, immediately north of Freighthouse Square in Tacoma, to the permanent yard in Lakewood.

Sound Transit will need to construct yard improvements to complete the extension of commuter rail between Lakewood and Tacoma. The Lakewood Layover Yard Improvements will include wayside power, yard lighting, yard air system, perimeter fencing, storm and sanitary drainage improvements, security guard shacks, and an interim office facility.

The original project scope of the Layover Project included designing and constructing a layover office facility for the Sounder operating and maintenance crews in Lakewood. The construction of the layover office facility will be deferred until the location of the ST2 Sounder Maintenance Base site is determined. In the interim, Sound Transit will lease an existing office or warehouse space near the Lakewood Layover project area for use by Sounder operations and maintenance crews. Architectural services may be required if tenant improvements need to be made to make the facility functional as an office space. Architectural services are included in the final design contract scope.

ENVIRONMENTAL COMPLIANCE

All required NEPA and SEPA documentation and approvals have been completed for this project. Following the change of the layover facility location from Camp Murray to Lakewood after the Lakewood to Tacoma Commuter Rail EIS was issued in May 2002, additional environmental review was completed for the new layover facility site in Lakewood. This included a SEPA Addendum issued by Sound Transit in October 2005 and a NEPA Reevaluation approved by FTA on February 21, 2007.

SSK 8-16-10

TIME CONSTRAINTS

A one month delay would create an impact to the project schedule. A delay of more than one month could delay the completion of final design which may affect completion of construction.

LEGAL REVIEW

LA 9/2/2010

MOTION NO. M2010-83

A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with HDR Engineering, Inc. to provide final design services for the Lakewood portion of the Layover project in the amount of \$465,861, with a 10% contingency of \$46,586 for a total authorized contract amount not to exceed \$512,447.

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The final design scope of work includes: civil design, specification and estimating support, project management, surveying and mapping services, permitting support, geotechnical and environmental services, bid support services, design support services during construction, and optional architectural design services for tenant improvements.

MOTION:

It is hereby moved by the Capital Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with HDR Engineering, Inc. to provide final design services for the Lakewood portion of the Layover project in the amount of \$465,861, with a 10% contingency of \$46,586 for a total authorized contract amount not to exceed \$512,447.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on September 9, 2010.



Fred Butler
Capital Committee Chair

ATTEST:



Marcia Walker
Board Administrator