

**MOTION NO. M2012-79**
**Ratify Amendment to On-Call Contract for Architecture and Engineering Services**

<b>MEETING:</b>	<b>DATE:</b>	<b>TYPE OF ACTION:</b>	<b>STAFF CONTACT:</b>	<b>PHONE:</b>
Capital Committee	10/11/12	Final Action	Ahmad Fazel, DECM Executive Director Eric Beckman, Project Director <b>Jodi Mitchell, Project Manager</b>	206-398-5389  206-398-5251  206-398-5080

**PROPOSED ACTION**

Ratifies a contract amendment with HDR Engineering to provide on-call engineering services for Sounder, ST Express, Link, and Service Delivery Projects, in the amount of \$130,000, for a total authorized contract amount not to exceed \$980,000.

**KEY FEATURES SUMMARY**

- The proposed action ratifies the contract amendment for additional engineering services and design support during construction that were needed for the commissioning of the signaling system along the Lakewood Sounder commuter rail alignment.
- Sound Transit identified the need for additional On-Call Architectural and Engineering services in support of the D Street - M Street Track and Signal project during commissioning of the Lakewood extension. Such needs involved specialized signaling services from HDR who designed the Centralized Traffic Control signal system that was constructed under the D Street - M Street Track and Signal project, and so the work was ordered.
- In an effort to meet the October 8, 2012 Tacoma to Lakewood start date, Sound Transit requested that HDR perform the work. Before the work was directed, Sound Transit staff did not compare the anticipated cost against the remaining contract amount, although HDR did know that the available contract capacity may not be sufficient. However, HDR did not realize the full extent of the shortfall until the work had been performed. Sound Transit is responsible for payment of the excess in this instance because Sound Transit ordered and benefited from the work. This contract is a three year contract with one one-year option to extend. Earlier this year, Sound Transit exercised the one-year option.
- The work has already been performed and no more new task orders will be issued on this contract.

**BACKGROUND**

Sounder, ST Express, Link and Service Delivery Projects occasionally require engineering services for smaller work where an on-call contract would be more effective than individual procurements.

In November 2009, Sound Transit executed a contract with HDR Engineering to assist the Capital Projects and Operations departments with architectural, engineering, and railroad-engineering work as the need arose.

Sound Transit has issued task orders related to maintenance of way and final design for platform extensions, CTC signal design, and other civil and structural work. This amendment covers final design of unanticipated follow on work involving railroad engineering, signal design support and other mechanical and electrical work.

## FISCAL IMPACT

Under the on-call contract with HDR Engineering, \$850,000 has been committed for work on various projects in the agency. Within the contract \$231,502 is committed to other agency projects and \$618,498 is committed to the D Street – M Street Track and Signal project. As of the end of September \$521,776 has been spent.

The services described in the proposed contract amendment will be funded from the system start-up line item within the construction phase budget of the project. The 2012 Budget for construction is \$70,948,296, of which \$66,509,333 is committed through the end of September. This action is within the adopted budget and sufficient monies remain after approval of this action to fund the remaining work in this phase as contained in the current cost estimates.

### D Street - M Street Track & Signal

	2012 TIP	Board Approvals	This Action	Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	9,396	8,151		8,151	1,245
Preliminary Engineering	1,694	1,735		1,735	(40)
Final Design	18,612	18,694		18,694	(82)
Third Party Agreements	846	846		846	0
ROW Acquisition	44,613	41,939		41,939	2,675
Construction	70,948	66,509	130	66,639	4,309
Construction Services	6,218	6,388		6,388	(169)
Vehicles	8,953	8,953		8,953	-
System Testing	-	-		-	-
<b>Total Current Budget</b>	<b>\$ 161,281</b>	<b>\$ 153,214</b>	<b>\$ 130</b>	<b>\$ 153,344</b>	<b>\$ 7,937</b>

### Phase Detail Construction

	2012 TIP	Board Approvals	This Action	Approved Plus Action	Uncommitted / (Shortfall)
HDR Contract	334	239	130	369	(35)
Other Phase	70,614	66,270		66,270	4,344
<b>Total Phase</b>	<b>\$ 70,948</b>	<b>\$ 66,509</b>	<b>\$ 130</b>	<b>\$ 66,639</b>	<b>\$ 4,309</b>

### Contract Detail HDR Engineering

	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount Other Projects	232	232	-	232
Contract Amount D St. - M St.	618	618	130	748
Contingency	-	-	-	-
<b>Total</b>	<b>\$ 850</b>	<b>\$ 850</b>	<b>\$ 130</b>	<b>\$ 980</b>
% Contingency	%	%	%	%

#### Notes:

Amounts are expressed in Year of Expenditure \$000s.

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

Project budget is on page 72 of 2012 Transit Improvement Plan.

## **SMALL BUSINESS PARTICIPATION**

Although the original RFQ did not require a Small Business participation goal, HDR has achieved 9.2% participation.

## **EQUAL EMPLOYMENT WORKFORCE PROFILE**

Not applicable to this action.

## **PUBLIC INVOLVEMENT**

Not applicable to this action.

## **TIME CONSTRAINTS**

A one-month delay in this action would not impact the project.

## **PRIOR BOARD/COMMITTEE ACTIONS**

Motion No. M2011-09: Authorized the chief executive officer to execute a contract amendment with HDR Engineering to provide on-call architecture and engineering services for Sounder commuter rail, Regional Express bus, Link light rail, and Service Delivery Projects, in the amount of \$350,000, for a total authorized contract amount not to exceed \$850,000.

Motion No. M2009-85: Authorized the chief executive officer to execute a three-year contract with one additional one-year option with HDR to provide on-call architecture and engineering services for a total authorized amount of \$500,000.

## **ENVIRONMENTAL COMPLIANCE**

JI 09/21/2012

## **LEGAL REVIEW**

LA 02 November 2012

## **MOTION NO. M2012-79**

A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority ratifying a contract amendment with HDR Engineering to provide on-call engineering services for Sounder, ST Express, Link, and Service Delivery Projects, in the amount of \$130,000, for a total authorized contract amount not to exceed \$980,000.

### **BACKGROUND:**

Sounder, ST Express, Link and Service Delivery Projects occasionally require engineering services for smaller work where an on-call contract would be more effective than individual procurements.

In November 2009, Sound Transit executed a contract with HDR Engineering to assist the Capital Projects and Operations departments with architectural, engineering, and railroad-engineering work as the need arose.

Sound Transit has issued task orders related to maintenance of way and final design for platform extensions, CTC signal design, and other civil and structural work. The proposed action ratifies the contract amendment for additional engineering services and design support during construction that were needed for the commissioning of the signaling system along the Lakewood Sounder commuter rail alignment.

Sound Transit identified the need for additional On-Call Architectural and Engineering services in support of the D Street - M Street Track and Signal project during commissioning of the Lakewood extension. Such needs involved specialized signaling services from HDR who designed the Centralized Traffic Control signal system that was constructed under the D Street - M Street Track and Signal project.

In an effort to meet the October 8, 2012 Tacoma to Lakewood start date, Sound Transit requested that HDR perform the work. Before the work was directed, Sound Transit staff did not compare the anticipated cost against the remaining contract amount, although HDR did know that the available contract capacity may not be sufficient. However, HDR did not realize the full extent of the shortfall until the work had been performed. Sound Transit is responsible for payment of the excess in this instance because Sound Transit ordered and benefited from the work. This contract is a three year contract with one one-year option to extend. Earlier this year, Sound Transit exercised the one-year option.

The work has already been performed and no more new task orders will be issued on this contract.

**MOTION:**

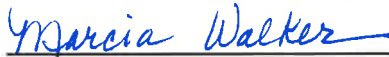
It is hereby moved by the Capital Committee of the Central Puget Sound Regional Transit Authority that the contract amendment with HDR Engineering to provide on-call engineering services for Sounder, ST Express, Link, and Service Delivery Projects, in the amount of \$130,000, for a total authorized contract amount not to exceed \$980,000 is ratified.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on November 8, 2012.



Fred Butler  
Capital Committee Chair

ATTEST:



Marcia Walker  
Board Administrator