

**SOUND TRANSIT  
STAFF REPORT**

**MOTION NO. M2005-81**

**Refined Preliminary Engineering and Final Design Contract for Mukilteo Station**

<b>Meeting:</b>	<b>Date:</b>	<b>Type of Action:</b>	<b>Staff Contact:</b>	<b>Phone:</b>
Finance Committee	9/15/05	Discussion/Possible Action	Agnes Govern, Director, Capital Projects Vicki Youngs, Program Manager, Capital Projects <b>Eric Beckman, Project Manager, Capital Projects</b>	(206) 398-5037  (206) 398-5024  (206) 398-5251

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

**PROJECT NAME**

Mukilteo Station

**PROPOSED ACTION**

Authorizes the Chief Executive Officer to execute a contract with DMJM Harris to provide refined preliminary engineering and final design services for the Mukilteo Station Project in the amount of \$2,292,891, with a 10% contingency of \$229,290, for a total authorized contract amount not to exceed \$2,522,181.

**KEY FEATURES of PROPOSED ACTION**

- The contract provides for the refinement of preliminary engineering, final design of the Mukilteo Station and consultant design support during construction.
- Notice to Proceed will be given for the refinement of preliminary engineering work and staff will report back to the Board on those results prior to proceeding with final design.
- This action is needed to continue with direction from the Executive Committee to construct a permanent commuter rail station adjacent to Mukilteo Tank Farm.

## **BUDGET IMPACT SUMMARY**

Project Name: Mukilteo Station (205)  
Current Project Phase: Final Design  
Projected Completion Date: 2009

<b>Action Outside of Adopted Budget:</b>	<b>✓</b>	<b>Comments on Checked Items</b>
This Project		
This Phase	✓	This action creates a final design phase level shortfall of \$565,545.
This Task		
Budget Amendment Required		

<b>Key Financial Indicators:</b>	<b>✓</b>	<b>Comments on Checked Items</b>
Contingency Funds Required	✓	The project contains \$481,547 in the Contingency phase that will be applied against the shortfall, with the remaining shortfall of \$83,998 funded from the Construction phase.
Funding required from other parties (other than what is assumed in financial plan)		

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

## **BUDGET and FINANCIAL PLAN DISCUSSION**

The Adopted 2005 Budget for this project is \$18,213,772 with a final design budget of \$2,042,537. The proposed action is to award a contract to DMJM Harris for final design services for the Mukilteo Station in the amount not to exceed \$2,522,181. The proposed action would result in a final design phase level shortfall of \$565,545.

This phase level shortfall will be corrected in the 2006 budget process with a transfer from the Contingency phase (\$481,547) and the Construction phase (\$83,998). Construction is now expected to be completed in two phases, which could add costs to the project. Staff will be working closely with the consultant and the City of Mukilteo to design within the project budget (including contingencies originally part of the project budget moved to the Snohomish Program Reserve that could be moved back to the Mukilteo project at the appropriate time).

## BUDGET TABLE

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

Action Item: Approve a contract with DMJM Harris for final design services for the Mukilteo Station (#205)

	Current Board Adopted Budget (A)	Committed To Date (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
1 Agency Administration	\$ 1,358	\$ 404	\$ -	\$ 404	\$ 953
2 Preliminary Engineering	616	627	-	627	(11)
3 Final Design	2,043	86	2,522	2,608	(566)
4 Right of Way	2,946	141	-	141	2,805
5 Construction	10,770	73	-	73	10,697
7 Contingency	482	-	-	-	482
8 Total Current Budget	\$ 18,214	\$ 1,332	\$ 2,522	\$ 3,854	\$ 14,360

#### Phase Budget Detail

9 Final Design	\$ 2,043	\$ -	\$ 2,522	\$ 2,522	\$ (480)
11 Misc. Activity	-	86	-	86	(86)
12 Total Phase	\$ 2,043	\$ 86	\$ 2,522	\$ 2,608	\$ (566)

Contract Budget	Current Approved Contract Value (F)	Spent to Date (G)	Proposed Action (H)	Proposed Total Contract Value (I)
13 DMJM Harris	\$ -	\$ -	\$ 2,293	\$ 2,293
14 Contingency	-	-	229	229
15 Total	-	-	2,522	2,522
16 Percent Contingency			10%	10%

Budget Shortfall Level	Shortfall Amt (J)	Potential Funds (K)	Funding Source (L)
17 Final Design phase	(482)	482	Contingency phase
18 Final Design phase	(84)	10,697	Construction phase
19 Final Design phase	(566)	11,179	Total Contingency & Construction phases

#### Notes:

Committed to-date amount includes actual outlays and commitments through August 9, 2005.

Project budget is located on page 95 of the 2005 Adopted budget book.

17 reflects the amount of the shortfall that can be covered by the Contingency phase

18 reflects the remaining portion of the shortfall that will be covered by the Construction phase

19 represents the combination of lines 17 & 18

## M/W/DBE – SMALL BUSINESS PARTICIPATION

### Prime Consultant/Contractor

DMJM Harris is the prime consultant for this contract. DMJM Harris has committed to a 22.5% M/W/DBE- Small Business participation goal.

### Utilization Breakdown Table

<b>Subconsultant</b>	<b>Business Type</b>	<b>% of Work</b>	<b>Dollar Value</b>
PacRim Geotechnical, Inc.	MBE/DBE	2.2%	\$49,703
True North Land Surveying, Inc.	WBE/DBE	1.3%	\$29,885
Envirolssues, Inc.	WBE/DBE	2.4%	\$56,146
Pharos Corp.	WBE/DBE	1.3%	\$30,011
Rosewater Engineering	WBE/DBE	6.8%	\$155,568
Heffron Transportation	WBE/DBE	1.5%	\$33,990
Elevator Consulting Services, Inc.	Small Business	0.2%	\$5000
ABC Imaging	Small Business	1.4%	\$31,366
<b>Total</b>		<b>17.1%</b>	<b>\$391,669</b>

DMJM Harris has currently identified significant and meaningful roles to subcontract to M/W/DBE firms that account for 17.1% of the work. DMJM Harris is in discussion with two other firms that will allow the firm to meet or exceed the 22.5% M/W/DBE-Small Business participation goal. The duration of the contract is for a two year period and will provide other opportunities to achieve their goal.

### EEO Commitment

DMJM Harris's workforce demographics are 23% women and 28% minorities.

### Apprentice Utilization Commitment

Not applicable to this action.

### **PROJECT DESCRIPTION and BACKGROUND for PROPOSED ACTION**

The Mukilteo Station is a two platform station with an overhead pedestrian walkway and elevators and stairs connecting the two platforms. Passenger amenities will include shelters, benches, bicycle lockers, a communications building, closed circuit television, ticket vending machines, and parking for up to 120 vehicles. The station will be located adjacent to the to-be-relocated BNSF mainlines just south of the Tank Farm property and east of the Mukilteo Speedway. The project is being developed in coordination with WSDOT plans for a new ferry terminal and redevelopment plans for the Tank Farm property. The parking demand estimate is approximately 120 stalls and is currently scoped as a surface lot adjacent to the station. The project will be constructed in two phases with the north platform scheduled to begin construction in 2006 to allow service to begin to the Mukilteo community by mid-2007.

In July 2004, staff presented to the Executive Committee the findings of the Mukilteo Lane Concept Study, permanent parking location options and a temporary station. The Committee directed staff to investigate the possibility of bringing service to Mukilteo sooner than the schedule for the permanent station allowed. Staff briefed the Executive Committee in February 2005 on the Mukilteo Early Start Station options and the Committee requested additional information on financing the permanent station, potential costs of an early start station, and issues of time slippage of the permanent station.

In June 2005, staff reported to the Executive Committee that the additional cost to construct an Early Start Station at SR 525 did not seem warranted for a short-term (6 to 9 month) benefit of service in a location that would have to be torn down. The Executive Committee directed staff

to proceed with the design of a permanent Mukilteo Station including early service on the permanent station's north platform. This contract is consistent with the Executive Committee's direction and provides for refined preliminary engineering and final design of the Mukilteo Station to allow service to begin to the area by mid 2007.

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

Motion or Resolution Number	Summary of Action	Date of Action
M2003-55	Execute an amendment to the existing station design services contract with Streeter & Associates Architects for the Mukilteo Commuter Rail Station in the amount of \$65,676 with a contingency of \$6,567 totaling \$72,243, for a new total authorized contract amount not to exceed \$254,663, contingent upon Board of approval of Motion No. M2003-54, authorizing the Executive Director to execute the necessary agreement with the City of Mukilteo to provide \$25,000 for the City's share of the cost of this contract amendment.	5/15/03
M2003-54	Executed an interlocal agreement with the City of Mukilteo providing for the City to pay \$25,000 as its share of the cost of a concept study of Mukilteo Commuter Rail Station Park-and-Ride Lot on Mukilteo Lane.	5/22/03
M2002-126	Executed a contract amendment with Streeter & Associates Architects to provide design and cost estimating services for the Mukilteo Sounder Commuter Rail Station in the amount of \$63,000 and a contingency of \$6,300 totaling \$69,300, for a new total authorized contract amount not to exceed \$251,720.	2/6/03
M2000-05	Selected the station locations and corridor improvements to be built for the Everett-to-Seattle Commuter Rail Project.	1/13/00
M99-79	Identified a Preferred Alternative and corridor improvements for the Everett to Seattle Commuter Rail Project.	11/18/99
M99-75	Executed a Memorandum of Understanding establishing cooperation between Sound Transit, Port of Everett, City of Mukilteo, Washington State Department of Transportation (WSDOT), and City of Everett for the acquisition of the Mukilteo Tank Farm property from the United States Air Force through the Department of Defense surplus property process.	10/28/99

**CONSEQUENCES of DELAY**

Delay beyond one month will affect the ability to bring service to the Mukilteo area by mid-2007.

**PUBLIC INVOLVEMENT**

Not applicable to this action.

**ENVIRONMENTAL COMPLIANCE**

Not applicable to this action.

**LEGAL REVIEW**

JW 09/09/2005

## **SOUND TRANSIT**

### **MOTION NO. M2005-81**

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority authorizing the Chief Executive Officer to execute a contract with DMJM Harris to provide refined preliminary engineering and final design services for the Mukilteo Station Project in the amount of \$2,292,891, with a 10% contingency of \$229,290, for a total authorized contract amount not to exceed \$2,522,181.

#### **Background:**

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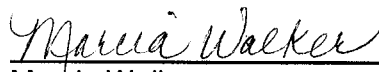
**Motion:**

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 with DMJM Harris to provide refined preliminary engineering and final design services for the Mukilteo Station Project in the amount of \$2,292,891, with a 10% contingency of \$229,290, for a total authorized contract amount not to exceed \$2,522,181.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on September 15, 2005.

  
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Jack Crawford  
Finance Committee Chair

ATTEST:

  
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Marcia Walker  
Board Administrator