

**MOTION NO. M2010-92**
**Construction Services for the DSTT South Access Security Project**

<b>MEETING:</b>	<b>DATE:</b>	<b>TYPE OF ACTION:</b>	<b>STAFF CONTACT:</b>	<b>PHONE:</b>
Capital Committee	10/14/10	Final Action	Ahmad Fazel, DECM Executive Director <b>Jodi Mitchell, Project Manager</b>	206-398-5389 206-398-5080

**PROPOSED ACTION**

Authorizes the chief executive officer to execute a contract with Vetch Construction to provide construction services for the DSTT South Access Security project in the amount of \$221,000, with a 10% contingency of \$22,100, for a total authorized contract amount not to exceed \$243,100.

**KEY FEATURES**

- The proposed action authorizes the construction of the Downtown Seattle Transit Tunnel (DSTT) South Access Security project. The scope of work includes construction of cast-in-place concrete barriers, bollards, pre-cast concrete barriers, and provisions for additional gates.
- This project would construct barriers, bollards and gates and would channel traffic to prevent unauthorized vehicles from gaining access to the south entrance of the DSTT.
- Construction of the necessary improvements will be scheduled to minimize disruption of Link light rail service.
- Construction management will be performed by Sound Transit staff.
- These proposed security enhancements, in conjunction with other associated work at the DSTT south entrance, address issues raised by Sound Transit security as well as King County Metro and Department of Homeland Security.

**PROJECT DESCRIPTION**

The DSTT South Access Security project adds several physical features between the Link Stadium Station and the entrance to the DSTT. At Royal Brougham Way, cast-in-place concrete barriers will be installed to create a median that will channel traffic and limit vehicular turning movements from Royal Brougham Way and the E-3 busway into the tunnel entrance. On the north side of Royal Brougham Way, a number of bollards will be installed on the sidewalk and cast-in-place concrete barriers will be placed between the northbound and southbound tracks to further inhibit vehicular traffic. Pre-cast concrete barriers will also be placed parallel to the tracks to minimize the surface area available for tunnel access. Provisions for additional gates will be implemented to block vehicular traffic when the pop-up barriers are not in service.

**FISCAL INFORMATION**

(Year of Expenditure \$000)

<b>DSTT South Access Security</b>	Adopted 2010 Lifetime Budget (A)	Committed To Date (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
Agency Administration	200	13		13	187
Preliminary Engineering	-	-		-	-
Final Design	-	-		-	-
Right of Way	-	-		-	-
Construction	800	5	243	248	552
Construction Services	-	-		-	-
Third Party Agreements	-	-		-	-
Vehicles	-	-		-	-
<b>Total Current Budget</b>	<b>1,000</b>	<b>18</b>	<b>243</b>	<b>261</b>	<b>739</b>

**Construction Phase Budget Detail**

Civil Construction	800	5	243	248	552
<b>Total Phase</b>	<b>800</b>	<b>5</b>	<b>243</b>	<b>248</b>	<b>552</b>

<b>Contract Amount</b>	Board Approvals to Date (F)	Current Approved Contract Value (G)	Proposed Action (H)	Proposed Total for Board Approval (I)	Proposed Contract Value (J)
Contract Amount	-	-	221	221	221
Contingency	-	-	22	22	22
<b>Total</b>	-	-	<b>243</b>	<b>243</b>	<b>243</b>
Percent Contingency	0%	0%	10%	10%	10%

(A) ADOPTED 2010 LIFETIME BUDGET amounts reflect Adopted 2010 Budget as amended by resolution of the Sound Transit Board in July 2010 (R2010-12, adopted 7/22/10) to create a new DSTT South Access Security project, funded by budget transfer from the Central Link Switch Heaters project and a Homeland Security Grant.

(B) COMMITTED TO DATE amounts are from Agency WBS Report as of August 2010 + approved and pending board actions not recorded as of 8/31/10, or submitted after that date.

**SMALL BUSINESS PARTICIPATION**

Sound Transit Goal: 18%

Commitment: Vetch Construction is a small business and will perform 100% of the work.

**EQUAL EMPLOYMENT WORKFORCE PROFILE**

13 employees; 1 woman; 0 minorities.

**BACKGROUND**

Sound Transit performs continuous security reviews of Link facilities and systems in conjunction with King County Metro (KCM), with participation and advice from the Department of Homeland Security. These reviews included a vulnerability assessment of facilities, including the DSTT and access routes to the tunnel. One item of concern is the potential for unauthorized vehicles to access the tunnel from Royal Brougham Way, the E-3 busway, or the light rail trackway just south of the tunnel. This issue is currently being addressed by the presence of police officers at the south entrance to the DSTT. Security experts recommended installing additional physical deterrents along tunnel access paths to prevent unauthorized vehicles. This contract addresses those recommendations. In addition to this work, the project includes two other work efforts to be performed under separate contracts. This work includes improvements to the

existing pop-up barriers and the train detection circuits. These other contracts are within the approval authority of the chief executive officer.

Sound Transit received six bids through a competitive bid process, which were opened on September 1, 2010. Vetch Construction was the lowest responsive and responsible bidder at \$221,000, which is approximately 47% below the construction estimate of \$470,662.

## **ENVIRONMENTAL COMPLIANCE**

JI 9/16/10

## **PRIOR BOARD/COMMITTEE ACTIONS**

Resolution No. R2010-12 - (1) Created a new capital project, the Downtown Seattle Transit Tunnel (DSTT) South Access Security project and (2) amended the Adopted 2010 Budget to (a) establish the lifetime budget for the DSTT South Access Security project of \$1,000,000; (b) established an Annual 2010 Budget for the DSTT South Access Security project of \$600,000; (c) revised the lifetime budget for the Central Link Switch Heater project to \$2,452,530 and (d) revised the Central Link Switch Heater project Annual 2010 Budget to \$1,815,801.

## **TIME CONSTRAINTS**

A delay of this action will delay installation of the DSTT security measures and result in continued expenditures for police presence at the south entrance to the tunnel.

## **PUBLIC INVOLVEMENT**

Not applicable to this action.

## **LEGAL REVIEW**

LA 10/6/10

**MOTION NO. M2010-92**

A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Vetch Construction to provide construction services for the DSTT South Access Security project in the amount of \$221,000, with a 10% contingency of \$22,100, for a total authorized contract amount not to exceed \$243,100.

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**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 Vetch Construction to provide construction services for the DSTT South Access Security project in the amount of \$221,000, with a 10% contingency of \$22,100, for a total authorized contract amount not to exceed \$243,100.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on October, 14 2010.



Fred Butler  
Capital Committee Chair

ATTEST:



Marcia Walker  
Board Administrator