

**SOUND TRANSIT  
STAFF REPORT**

**MOTION NO. M2002-47**

**Execute Contract for Stormwater Detention Vault Fabrication and Delivery  
For the Lynnwood Transit Center**

<b>Meeting:</b>	<b>Date:</b>	<b>Type of Action:</b>	<b>Staff Contact:</b>	<b>Phone:</b>
Finance Committee	4/18/02	Discussion/Possible Action	Agnes Govern, Director, Regional Express Jim Edwards, Program Manager, Regional Express <b>Jerry Dahl, Construction Manager, Regional Express</b>	(206) 398-5037  (206) 398-5436  (206) 398-5284

<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"/>
Memorandum of Agreement	<input type="checkbox"/>	Contingency Funds Required	<input type="checkbox"/>
Purchase/Sale Agreement	<input type="checkbox"/>	Budget Amendment Required	<input type="checkbox"/>

✓ Applicable to proposed transaction.

**OBJECTIVE OF ACTION**

- To execute a contract with Utility Vault, the apparent responsible and responsive low bidder, for the fabrication and delivery of five stormwater detention vaults for the Lynnwood Transit Center/Park-and-Ride Lot Project (#311).

**ACTION**

- Authorizes the Executive Director to execute a contract with Utility Vault for the fabrication and delivery of stormwater detention vaults for the Lynnwood Transit Center/Park-and-Ride Lot Project in an amount of \$483,028, with a 10% contingency of \$48,303, for a total authorized amount not to exceed \$531,331. The requested contingency will allow staff to address any manufacturing changes required by WSDOT as final shop drawings are reviewed.

**KEY FEATURES**

- Authorizes the Executive Director to execute a contract with Utility Vault for fabrication and delivery of stormwater detention vaults in an amount of \$483,028, with a 10% contingency of \$48,303, for a total authorized amount not to exceed \$531,331.
- Describes the proactive management approach taken by procuring vault fabrication in advance of the construction contract.
- Describes the procurement process.
- Provides the Finance Committee with a construction schedule update.

## **BUDGET BACKGROUND AND AFFORDABILITY ANALYSIS**

**Project Description:** Lynnwood Transit Center/Park-and-Ride Lot Project (Page 190 of the 2002 Proposed Budget, project number 311).

**Current Status:** Preliminary engineering is complete, final design and ROW acquisitions are nearly complete. Construction is planned to begin in July 2002.

**Projected Completion Date:** December 2003.

<b>Action Outside of Adopted Budget:</b>	<b>Y/N</b>	<b>Y</b>	<b>Requires Comment</b>
This Department/LOB	N		
This Project	N		
This Phase	N		
This Work Function/Contract Package	N		
Budget amendment required	N		

<b>Key Financial Indicators:</b>	<b>Y/N</b>	<b>Y</b>	<b>Requires Comment</b>
Contingency funds required	N		
Subarea impacts	N		
Funding required from other parties other than what is already assumed in financial plan	N		

N = Action is assumed in current Board-adopted budget. Requires no budget action or adjustment to financial plan

## **BUDGET DISCUSSION**

The construction phase of the project budget contains sufficient funds for this effort. Committing these funds does not endanger any other project elements that are to be funded out of the overall project.

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

Project Budget	Current Board	Committed To	This Action	Total Committed & Action	Uncommitted (Shortfall)
	Adopted Budget	Date			
	(A)	(B)	(C)	(D)	(E)
Agency Administration	\$1,724	\$707	\$-	\$707	\$1,017
Preliminary Engineering (1)	1,590	1,590	-	1,590	0
Final Design	2,192	1,280	-	1,280	912
Right of Way (2)	11,567	11,114	-	11,114	453
Construction	14,237	10	531	541	13,696
Contingency	1,874	-	-	-	1,874
<b>Total Project</b>	<b>\$33,184</b>	<b>\$14,701</b>	<b>\$531</b>	<b>\$15,232</b>	<b>\$17,952</b>

Phase Budget	(A)	(B)	(C)	(D)	(E)
Storm Water Detention Vault	-	-	531	531	(531)
Construction Award	\$14,138	-	-	-	\$14,138
Signage	99	10	-	10	89
<b>Total Phase (3)</b>	<b>\$14,237</b>	<b>\$10</b>	<b>\$531</b>	<b>\$541</b>	<b>\$13,696</b>

Contract Budget	Current	Spent to Date	Proposed Action	Proposed Total
	Approved Contract Value			Contract Value
	(F)	(G)	(H)	(I)
Stormwater Detention Vaults	-	-	(4) \$483	\$483
Contract Contingency	-	-	48	48
<b>Total Contract</b>	-	-	<b>\$531</b>	<b>\$531</b>
<b>Percent Contingency</b>	-	-	<b>10%</b>	<b>10%</b>

### Notes:

- (1) A budget transfer of \$210 thousand from contingency to PE/ED was approved by the Executive Director to cover higher than anticipated costs for the preliminary engineering phase.
- (2) A budget transfer of \$1,925 thousand from contingency to ROW was approved by the Executive Director to cover higher than anticipated costs for property acquisition and permitting.
- (3) Phase budget detail for staff planning purposes only, not Board adopted at this level of detail. The current staff plan for the construction phase is as follows (\$ in thousands):

Construction Management	\$ 1,100
Construction	11,569
Stormwater detention	531
Other	938
Signage	99
<b>Total</b>	<b>\$14,237</b>

- (4) Includes WA State sales tax.

## **REVENUE, SUBAREA, AND FINANCIAL IMPACTS**

The proposed action is consistent with the current board adopted budget and is affordable within the agency's current long-term financial plan and the subarea financial capacity. The action will have no new revenue impacts on the agency.

## **M/W/DBE – SMALL BUSINESS PARTICIPATION**

There is no M/W/DBE opportunity in this contract. The precast unit will be manufactured and stored at the manufacturer's existing facility and delivered to the Lynnwood site.

## **HISTORY OF PROJECT**

### **Prior Board or Committee Actions and Relevant Board Policies**

<b>Motion or Resolution Number</b>	<b>Summary of Action</b>	<b>Date of Action</b>
M2002-37	Construction management contract with KBA and Associates.	4/4/02
R2001-13	Property acquisition.	10/25/01
M2001-116	Final design contract with INCA.	11/9/00
R2000-16	Property acquisition.	10/26/00
M99-86	Reallocation of funds from Lynnwood Connector to Lynnwood Project group.	02/24/00
R98-11	PE/ED Contract with INCA.	4/9/98

The Lynnwood Transit Center/Park-and-Ride Lot Project is part of the Lynnwood Project Group that includes the transit center, park-and-ride lot, and HOV direct access ramp. The project group consists of three improvements to the existing facility:

- A new transit facility with more bus bays, larger passenger waiting areas, better weather protection, more lighting, public art, and up to 300 new parking spaces.
- New ramps providing bus and HOV direct access to I-5 HOV lanes. The ramps will bypass city streets and eliminate the need for HOV vehicles to merge across multiple lanes of traffic.
- Improvements to the existing park-and-ride lot.

The final design of the transit center/park-and-ride lot is 95% complete. Sound Transit anticipates advertising for construction bids in May 2002 and awarding the construction contract in June 2002. A critical component of the construction is the stormwater detention vault fabrication. Two of the stormwater detention vaults must be installed in the transit center before construction of the HOV ramp can begin.

During the design process, INCA Engineers contacted vault manufacturers and ascertained the amount of time necessary to fabricate the first stormwater detention vault would be approximately 12 weeks. Due to a very high winter water table in the area and the close proximity to Scriber Creek, the vault installation should take place as soon as possible. The standard course of action would be to have the contractor order the vaults. If staff were to follow this course, the first vault would not be on site until October 2002 at the earliest. This would cause a delay in the construction of both the transit center and HOV ramp projects.

Sound Transit determined that early procurement of the detention vaults with deliveries staged to coincide with the proposed construction schedule would benefit the project schedule. This

approach enables the contractor to install the vaults in a timeframe that will have the least impact to the environment and be of the highest benefit to the construction schedule.

On March 5, 2002, an Invitation for Bid for vault fabrication was advertised in the Daily Journal of Commerce, the Sound Transit web site, and Builder's Exchange of Washington web site. Plan sets were distributed to interested firms who responded to the web sites and advertisement as well as firms identified from Sound Transit consultant database. A document holder's list was created using Sound Transit's consultant database to identify pre-cast fabricators and conduct outreach to MWDBE firms. On March 26, 2002, three bids were received and opened. It was determined that Utility Vault is the apparent low bidder, for the fabrication and delivery of stormwater detention vaults for the Lynnwood Transit Center/Park-and-Ride Lot Project.

The Environmental Assessment for the Lynnwood Transit Center/Park-and-Ride Lot Project is presently being re-evaluated according to NEPA regulations due to minor changes in the project not addressed by the EA for which a FONSI (Finding of No Significant Impact) was issued by FTA and FHWA in September 2000. Further, Sound Transit is presently completing consultation with the National Marine Fisheries Services (NMFS) and the United States Fish and Wildlife Service (USFWS) in regard to compliance with the Endangered Species Act.

### **REGIONAL PARTNERSHIP AND COOPERATION**

- The Lynnwood Project grouping has established a Project Management Team (PMT) and an Executive Advisory Committee (EAC) to assist staff in making project decisions. Technical personnel from the project team staff the PMT. The EAC is comprised of elected officials, key agency management staff, and city business and community leaders to advise Sound Transit on project-related matters. Both these committees have remained very active through the lifecycle of the project.

### **PUBLIC INVOLVEMENT**

- Sound Transit has an extensive public outreach program that is designed to solicit feedback at different stages of the project. To date, there have been three open houses, three newsletters, an environmental hearing, as well as a project web site. On different occasions, the project team has met with the Lynnwood City Council, Lynnwood Planning Commission, Lynnwood Arts Commission, Lynnwood Central Business District, Lynnwood Public Facilities District, South Snohomish County Chamber of Commerce, Snohomish County Citizen Advisory Committee on Disabilities. Sound Transit has also attended community and special interest group meetings.
- A groundbreaking ceremony and project newsletter are scheduled for the start of the construction phase.
- Sound Transit will work closely with Community Transit and the City of Lynnwood to keep the public apprised of changes to the park-and-ride lot throughout construction.

### **LEGAL REVIEW**

JW 4/4/02

## SOUND TRANSIT

### MOTION NO. M2002-47

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority authorizing the Executive Director to execute a contract with Utility Vault for the fabrication and delivery of stormwater detention vaults for the Lynnwood Transit Center/Park-and-Ride Lot Project in an amount of \$483,028, with a 10% contingency of \$48,303, for a total authorized amount not to exceed \$531,331.

#### **Background:**

A critical component of the construction of the Lynnwood Transit Center is the stormwater detention vault fabrication. Two of the stormwater detention vaults must be installed in the Transit Center before construction of the Lynnwood HOV Ramp can begin.

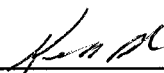
Sound Transit determined that early procurement of the detention vaults with deliveries staged to coincide with the proposed construction schedule would benefit the project schedule. This approach enables the contractor to install the vaults in a timeframe that will have the least impact to the environment and be of the highest benefit to the construction schedule.

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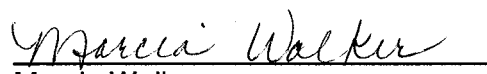
#### **Motion:**

It is hereby moved by the Finance Committee of the Central Puget Sound Regional Transit Authority that the Executive Director is hereby authorized to execute a contract with Utility Vault for the fabrication and delivery of stormwater detention vaults for the Lynnwood Transit Center/Park-and-Ride Lot Project in an amount of \$483,028, with a 10% contingency of \$48,303, for a total authorized amount not to exceed \$531,331.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 18, 2002.

  
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Kevin Phelps  
Finance Chair

ATTEST:

  
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Marcia Walker  
Board Administrator