

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2008-25

Contract for Materials Procurement for Totem Lake Freeway Station

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	2/21/08	Discussion/Possible Action to Recommend Board Approval	Jim Edwards, Director Capital Projects	(206) 398-5436
Board	2/28/08	Action	Hank Howard, Project Manager	(206) 398-5078

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

PROJECT NAME

Totem Lake Freeway Station/NE 128th

PROPOSED ACTION

Authorizes the chief executive officer to execute a sole source contract with Quilite International, Inc. to provide Quilite panels for the Totem Lake Freeway Station/NE 128th project in the amount of \$375,000, with a 15% contingency of \$56,250, for a total authorized contract amount not to exceed \$431,250.

KEY FEATURES of PROPOSED ACTION

- GCA 3361 Task Order Agreement A-5 with the Washington State Department of Transportation (WSDOT) for the construction of the Totem Lake Freeway Station/NE 128th project included the procurement and installation of Quilite transparent weather-protection panels in the passenger shelters and pedestrian walkway roof system constructed for the project and now in service.
- During construction of the shelters and walkway roof system, WSDOT's contractor was unable to secure the Quilite panels from the owner of Quilite International, Inc., the sole source provider, in a timely manner. Because the panels were only available from this one source, they were deleted from WSDOT's contract with Max J. Kuney for construction of the project, which is in closeout. Quilite International, Inc. is now under new ownership.
- It is more cost effective for Sound Transit to contract directly for the Quilite panels with the new owner than for WSDOT to negotiate with Max J. Kuney to do so.
- This action will provide the materials needed to complete the passenger shelters and pedestrian walkway roof system connecting the Kingsgate Park-and-Ride and the transit

stops on the new HOV direct access ramps and NE 128th Street. The materials will be used to complete the screen walls that provide weather protection.

- A separate procurement will be required for the installation of the Quilite panels.

BUDGET IMPACT SUMMARY

There is no action outside of the Board-adopted budget; there are no contingency funds required, no subarea impacts, or funding required from other parties other than what is already assumed in the financial plan.

Current Project Phase: Construction

Projected Completion Date: 2008

BUDGET and FINANCIAL PLAN DISCUSSION

The Adopted 2008 Budget for this project was amended to \$80,338,777 in an action being taken concurrently with this motion. The construction phase budget was amended to \$62,894,215. The proposed action will result in a construction phase balance of \$142,010 and a project balance of \$570,301.

There are sufficient funds to complete this action. Committing these funds will not endanger any other project elements that are to be funded out of the overall project.

BUDGET TABLE

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

Project: 140 - Totem Lake Freeway Station

	2008 Amended Budget ¹ (A)	Committed To Date ² (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) ³ (E)
1 Agency Administration	\$ 4,551	\$ 4,551	\$ -	\$ 4,551	\$ -
2 Preliminary Engineering	\$ 6,283	\$ 6,283	\$ -	\$ 6,283	\$ -
3 Final Design	\$ 4,564	\$ 4,564	\$ -	\$ 4,564	\$ -
4 Right of Way	\$ 2,047	\$ 1,618	\$ -	\$ 1,618	\$ 428
5 Construction	\$ 62,894	\$ 62,321	\$ 431	\$ 62,752	\$ 142
6 Contingency	\$ -	\$ -	\$ -	\$ -	\$ -
7 Total Current Budget	\$ 80,339	\$ 79,337	\$ 431	\$ 79,768	\$ 570

Phase Budget Detail

8 Construction	\$ 62,894	\$ 62,321	\$ 431	\$ 62,752	\$ 142
9 Misc. Activity					\$ -
10 Total Phase	\$ 62,894	\$ 62,321	\$ 431	\$ 62,752	\$ 142

Contract Budget	Current Approved Contract Value (F)	Spent to Date (G)	Proposed Action (H)	Proposed Total Contract Value (I)
11 Quilite International, Inc.	\$ -	\$ -	\$ 375	\$ 375
12 Contingency	\$ -	\$ -	\$ 56	\$ 56
13 Total	\$ -	\$ -	\$ 431	\$ 431
14 Percent Contingency	0%	0%	15%	15%

Notes:

¹ Project budget is located on page 142 of the Proposed 2008 Budget book. The Adopted 2008 Budget was approved by the Board on November 29, 2007 and is being amended by an action being taken concurrent to this one.

² Committed to date amount includes actual outlays and commitments through December 31, 2007 and the commitments in the action being taken concurrent to this one.

SMALL BUSINESS PARTICIPATION

Quilite International, Inc. is a sole source provider and will provide 100% of the materials for this contract.

EEO COMMITMENT

Quilite International, Inc's workforce demographics are 40% women and 20% minorities.

PROJECT DESCRIPTION and BACKGROUND for PROPOSED ACTION

The Totem Lake Freeway Station Project connects NE 128th Street across I-405 and provides direct access to the Totem Lake area of Kirkland from the north and southbound HOV lanes on I-405, including the Kingsgate Park-and-Ride lot and the Totem Lake Transit Center to be located on the Evergreen Hospital campus. The project also includes a pedestrian walkway connecting the Kingsgate Park-and-Ride lot with new freeway transit stations located on the direct access ramps to and from the north.

The project is funded by Sound Transit and a grant from the Federal Transit Administration. WSDOT performed the engineering design work and is the construction manager for the project. WSDOT contracted with Max J. Kunej for construction of the project.

An Environmental Assessment (EA) was prepared for the Totem Lake Freeway Station and Totem Lake Transit Center projects in compliance with the National Environmental Policy Act (NEPA). The EA was issued in May 2002 and the Federal Highway Administration and Federal Transit Administration issued a Finding of No Significant Impact (FONSI) on November 13, 2002. The EA and FONSI were adopted under the Washington State Environmental Policy Act (SEPA) and the Determination of Nonsignificant Impact was issued on November 13, 2002. There are no changes in the project requiring further environmental documentation.

The Totem Lake Freeway Station project has been open for service since November 17, 2007.

The design for the passenger shelters and pedestrian walkway roof system included Quilite panels for the screen walls for weather protection. During construction the contractor was unable to procure the Quilite panels from the previous owner of Quilite International, Inc., the sole source provider of the panels, in a timely manner. WSDOT and Sound Transit evaluated several major alternative actions to address this issue, including re-designing the shelters and walkway roof system to accept a different product, and erecting the shelters and walkway roof system as originally designed, but without the Quilite panels. A re-design would have delayed project opening and would have increased the cost of the shelters and walkway roof system considerably due to delay impacts and contract change impacts to Kunej and several of Kunej's subcontractors. To avoid these impacts, the Quilite panels were deleted from WSDOT's contract with Kunej, with the intent of adding the panels or an alternative at a later date.

Quilite International, Inc. is now under new ownership. The new company is able to provide the materials needed to complete the passenger shelters and pedestrian walkway roof system. Following the execution of a contract with Quilite International, Inc. it will take 10 to 12 weeks to manufacture the materials. During this time an installation contractor will be procured.

Sole Source Justification

Quilite is a proprietary product manufactured by Quilite International, Inc. Quilite International, Inc. is the only firm in the US that is licensed to manufacture the product.

The selection of the Quilite system was in response to the varied design criteria for this project. The criteria used in selecting this product include the following: aesthetics, noise reduction, lightweight, durability, vandal resistant, low-cost maintenance, constructability, and cost effectiveness.

Aesthetically, the Quilite system provided the desired effect of lightness and openness while still providing a solid back wall for the passenger shelters and pedestrian walkway roof system. The translucent characteristics of the system allow light to filter through the back wall and not create a dark and shadowed tunnel for the pedestrians to experience. Though the product is translucent, it does have a corrugated surface which reduces the reflected glint of headlights by a factor of 2000. This results in a safer situation for drivers and mitigates the concerns expressed by the adjacent neighbors concerning headlight glare.

Due to other expressed concerns of the neighbors adjacent to the project, it was desirable to also incorporate a product that attenuated noise. Studies show that the Quilite system reduces audible transmitted noises by approximately 85% and reduces echo intensity by approximately 50%.

Relative to weight considerations, it was recognized that incorporating a product as heavy as concrete masonry units would result in increased bridge structure costs and would not be aesthetically appropriate.

From a durability perspective, the Quilite system is appropriate for a wide range of weather extremes. The operational temperatures for the system are +200 degrees Fahrenheit to -38 degrees Fahrenheit. Additionally, it has a dynamic wind loading resistance to in excess of 180 mph. Being a polycarbonate material the Quilite system has an impact strength 240 times greater than glass.

Due to its high strength, graffiti resistance and self-cleaning properties, the Quilite system reduces the maintenance demands imposed by climate, weather, seismic activity and vandals. Any graffiti that is "tagged" on a Quilite wall can easily be removed by high-pressure water. Additionally, cleaning of the system is also achieved by simply spraying water on the system.

The Quilite system is a 16-inch by 16-inch modular system that if ever damaged by vandals or seismic activity the modules can quickly and easily be replaced verses replacing the entire panel as required by other systems. This provides unique maintenance and repair characteristics.

Since it is a modular system it is very constructible and is an efficient system to install. Typical installation is 2,500 square feet or greater by a four-person crew per shift. The panels can be pre-assembled off-site and erected as a complete unit.

Due to the comprehensive and responsive nature of the Quilite system, it was considered the most cost-effective solution for the Totem Lake Freeway Station project.

Prior Board/Committee Actions

Motion/Resolution Number and Date	Summary of Action
M2007-39 3/22/07	Authorized the chief executive officer to (1) increase the contingency for GCA 3361 Task Order Agreement A-5 with the Washington State Department of Transportation for the Totem Lake Freeway Station/NE 128 th project in the amount of \$2,178,519, for the purpose of funding corrective work required because of design errors, for a new total authorized agreement amount not to exceed \$57,221,094, and (2) seek reimbursement of the repair costs through the established contractual process in accord with Federal Transit Administration grant requirements.
M2005-35 4/28/05	Authorized the Chief Executive Officer to execute Agreement GCA 3361 Task Order #5 with the Washington State Department of Transportation to provide construction and construction management of the Totem Lake Freeway Station Project in the amount of \$52,421,500, with a 5% contingency of \$2,621,075, for a total authorized Task Order amount not to exceed \$55,042,575.

CONSEQUENCES of DELAY

Any delay in approval of the contract will delay completion of the passenger shelters and pedestrian walkway roof system.

PUBLIC INVOLVEMENT

Not applicable to this action.

ENVIRONMENTAL COMPLIANCE

SSK 1-29-08

LEGAL REVIEW

JW 2/11/08

SOUND TRANSIT

MOTION NO. M2008-25

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a sole source contract with Quilite International, Inc. to provide Quilite panels for the Totem Lake Freeway Station/NE 128th project in the amount of \$375,000, with a 15% contingency of \$56,250, for a total authorized contract amount not to exceed \$431,250.

Background:

The Totem Lake Freeway Station Project connects NE 128th Street across I-405 and provides direct access to the Totem Lake area of Kirkland from the north and southbound HOV lanes on I-405, including the Kingsgate Park-and-Ride lot and the Totem Lake Transit Center to be located on the Evergreen Hospital campus. The project also includes a pedestrian walkway connecting the Kingsgate Park-and-Ride lot with new freeway transit stations located on the direct access ramps to and from the north.

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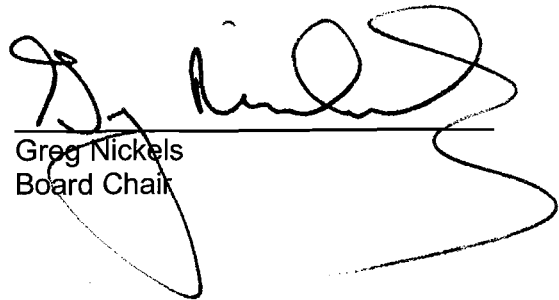
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Motion:

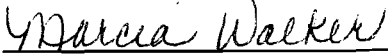
It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a sole source contract with Quilite International, Inc. to provide Quilite panels for the Totem Lake Freeway Station/NE 128th project in the amount of \$375,000, with a 15% contingency of \$56,250, for a total authorized contract amount not to exceed \$431,250.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on February 28, 2008.



Greg Nickels
Board Chair

ATTEST:



Marcia Walker
Board Administrator