

**SOUND TRANSIT  
STAFF REPORT**

**MOTION NO. M2008-84**

**Contract Award for Construction of the Airport Link Traction Power Substation Site Work**

<b>Meeting:</b>	<b>Date:</b>	<b>Type of Action:</b>	<b>Staff Contact:</b>	<b>Phone:</b>
Finance Committee	8/21/08	Discussion/Possible Action	Ahmad Fazel, Link Executive Director <b>Ron Lewis, Airport Link Project Director</b>	(206) 398-5389  (206) 689-4905

<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		Amend Existing Contract/Agreement	
Agreement with Other Jurisdiction(s)		Budget Amendment	
Real Estate		Property Acquisition	

**PROJECT NAME**

Airport Link

**PROPOSED ACTION**

Authorizes the chief executive officer to execute a contract with SCI Infrastructure, LLC for the construction of the Airport Link traction power substation site work in the amount of \$799,500, with a 5% contingency of \$39,975, for a total authorized contract amount not to exceed \$839,475.

**KEY FEATURES of PROPOSED ACTION**

- The scope of work in this contract contains the construction of traction power substation (TPSS) and signal house buildings, including site demolition, earthwork, temporary erosion and sediment control, drainage, utilities, surveying, temporary traffic control, concrete walls and foundations, fencing, and electrical work.
- Sound Transit advertised this project as a competitive bid and received six bids. The low, responsive, responsible bid from SCI Infrastructure, LLC in the amount of \$799,500 is below the engineer's estimate of \$914,472.
- Staff recommends assignment of a 5% contingency for this contract. In addition, the contract includes provisional sums for potential risks associated with the limited underground utility construction and site grading.
- Sound Transit has obtained all critical property required in connection with this contract and has obtained all key construction permits from the City of SeaTac and has incorporated permit conditions into the C431 TPSS Site Preparation contract.

## **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.

## **BUDGET and FINANCIAL PLAN DISCUSSION**

The Amended 2008 Lifetime Capital Budget for the Airport Link project is \$269.1 million. Within that amount, \$840,000 has been set aside for C431 TPSS Site Preparation contract within the construction phase. Approval of the proposed action would commit \$839,475 of that amount, and leave a remaining balance of \$525 for this budget line item.

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

## **BUDGET TABLE**

**Action Item:** SCI Infrastructure, LLC (construction of the Airport Link Traction Power Substation (TPSS) Site Work)

(Year of Expenditure \$000)

<b>Airport Link</b>	Amended 2008 Budget (A)	Committed To Date (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
Agency Administration	12,217	8,263		8,263	3,954
Preliminary Engineering	3,688	3,691		3,691	(3)
Final Design	16,081	15,647		15,647	434
Right of Way	12,843	12,195		12,195	648
<b>Construction</b>	<b>191,094</b>	<b>183,127</b>	<b>839</b>	<b>183,967</b>	<b>7,127</b>
Construction Services	15,380	15,050		15,050	329
Third Party Agreements	1,710	1,607		1,607	103
Vehicles	14,587	14,587		14,587	-
Contingency	1,500	-		-	1,500
<b>Total Current Budget</b>	<b>269,100</b>	<b>254,167</b>	<b>839</b>	<b>255,006</b>	<b>12,594</b>

### **Construction Phase Detail**

<b>C431 TPSS Site Prep</b>	<b>840</b>	<b>-</b>	<b>839</b>	<b>839</b>	<b>1</b>
Other Construction	188,313	183,127		183,127	5,186
Construction Unalloc Contingency	1,941	-		-	1,941
<b>Total Phase</b>	<b>191,094</b>	<b>183,127</b>	<b>839</b>	<b>183,967</b>	<b>5,186</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	-	-	800	800	800
Contingency	-	-	40	40	40
<b>Total Contract - Airport Link</b>	<b>-</b>	<b>-</b>	<b>839</b>	<b>839</b>	<b>839</b>
Percent Contingency	0%	0%	5%	5%	5%

(B) COMMITTED TO DATE amounts are from Agency WBS Report as of June 2008 + approved and pending board actions not recorded as of 6/30/08, or submitted after that date.

## **SMALL BUSINESS PARTICIPATION**

### **Prime Consultant/Contractor**

SCI Infrastructure, LLC is the prime contractor for this project. SCI has committed to a 24% Small Business participation. The participation goal for this contract is 15%.

### Utilization Breakdown Table

<b>Subconsultant/Subcontractor</b>	<b>Business Type</b>	<b>% of Work</b>	<b>Dollar Value</b>
Sea West Construction, Inc.	Small Business	24%	\$194,000
<b>Total</b>		<b>24%</b>	<b>\$194,000</b>

### EEO Commitment

- SCI Infrastructures, LLC's workforce demographics are 19% women and 13% minorities.

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

The 1.7-mile Airport Link project extends the Initial Segment from South 154<sup>th</sup> Street to an elevated light rail station at Sea-Tac International Airport's main terminal near South 176<sup>th</sup> Street. Beginning from the elevated station at Tukwila International and Southcenter Boulevards, the Airport Link route continues south on an elevated structure, crossing above SR-518 and transitioning to grade just north of South 160<sup>th</sup> Street. The route continues in the median of the relocated North Airport Expressway, passing under the South 160<sup>th</sup> Street bridge and the new return to terminal loop ramp. The alignment crosses above South 170<sup>th</sup> Street and continues on an elevated structure to an elevated light rail station just east of the airport garage. A kiss-and-ride facility is being constructed on the east side of International Boulevard.

The TPSS site is located on the west side of International Boulevard approximately 1300 feet north of the SeaTac/Airport Station. The TPSS site work contract (C431) was packaged separately from the other civil construction work in the Airport Link project in order to create an opportunity for small businesses to bid on a complete contract scope of work as a prime contractor. Sound Transit advertised this contract on July 2, 2008. The scope as advertised included site development work for the TPSS and signal house buildings, including demolition, earthwork, temporary erosion and sediment control, drainage, utilities, surveying, temporary traffic control, concrete walls and foundations, fencing, and electrical work. Sound Transit advertised this contract as a competitive bid through local and regional publications and received six bids. The low, responsive, responsible bid from SCI Infrastructure, LLC in the amount of \$799,500 is below the engineer's estimate of \$914,472.

Construction of this project is expected to begin in September 2008 and be completed by January 2009.

### **Prior Board/Committee Actions**

<b>Motion/Resolution Number and Date</b>	<b>Summary of Action</b>
M2006-18 4/13/06	Authorized execution of a Memorandum of Agreement with the Port of Seattle (Port) specifying the terms and conditions for the development of the Airport Link Project on Port property, allowing the use of Port right-of-way, and defining the integrated delivery strategy for Airport Link light rail and related Port roadway projects; and to execute all other subsequent agreements as may be necessary to implement this Agreement in an amount not to exceed \$12,690,521.
M2006-12 1/26/06	Authorized execution of a Development and Transitway Agreement with the City of SeaTac specifying the terms and conditions for development of the Airport Link Project and to execute necessary subsequent agreements with the City of SeaTac for a total authorized expenditure not to exceed \$7,416,808.

### **CONSEQUENCES of DELAY**

This contract includes the construction of the building foundation elements of the traction power substation and signal house. Completing these building foundations is a prerequisite to follow-on electrical work by the systems contractors working on the aerial guideway and the SeaTac/Airport Station. The follow-on electrical work needs to begin by the end of 2008 in order to help ensure that the station will be complete and operational by the end of 2009. Delay in awarding this contract will impact the completion of the overall Airport Link project.

### **PUBLIC INVOLVEMENT**

The City of SeaTac and the Port of Seattle have been engaged in the design process to ensure that prior commitments regarding visual screening of the substation site have been honored.

### **ENVIRONMENTAL COMPLIANCE**

JI 7/31/08

### **LEGAL REVIEW**

LA 8/14/08

## **SOUND TRANSIT**

### **MOTION NO. M2008-84**

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with SCI Infrastructure, LLC for construction of the Airport Link traction power substation site work in the amount of \$799,500, with a 5% contingency of \$39,975, for a total authorized contract amount not to exceed \$839,475.

#### **Background:**

The 1.7-mile Airport Link project extends the Central Link Light Rail Initial Segment from South 154<sup>th</sup> Street to an elevated light rail station at Sea-Tac International Airport's main terminal near South 176<sup>th</sup> Street. Beginning from the elevated station at Tukwila International and Southcenter Boulevards; the Airport Link route continues south on an elevated structure, crossing above SR-518 and transitioning to grade just north of South 160<sup>th</sup> Street. The route continues in the median of the relocated North Airport Expressway, passing under the South 160<sup>th</sup> Street bridge and the new return to terminal loop ramp. The alignment crosses above South 170<sup>th</sup> Street and continues on an elevated structure to an elevated light rail station just east of the airport garage. A kiss-and-ride facility is being constructed on the east side of International Boulevard.

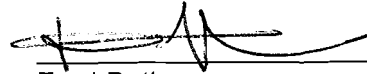
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#### **Motion:**

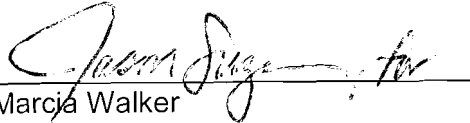
It is hereby moved by the Finance Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with SCI Infrastructure, LLC for construction of the Airport Link traction power substation site work in the amount of \$799,500, with a 5% contingency of \$39,975, for a total authorized contract amount not to exceed \$839,475.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit Authority  
at a regular meeting thereof held on August 7, 2008.



Fred Butler  
Finance Committee Vice Chair

ATTEST:



Marcja Walker  
Board Administrator