

**SOUND TRANSIT  
STAFF REPORT**

**MOTION NO. M2003-85**

**Contract Amendment for Design Support During Construction  
for Central Link Initial Segment Construction Contract C700.**

<b>Meeting:</b>	<b>Date:</b>	<b>Type of Action:</b>	<b>Staff Contact:</b>	<b>Phone:</b>
Finance Committee	8/7/03	Action	Ahmad Fazel, Link Director <b>Phil Harrison, C700 Line Section Manager</b>	(206) 398-5389 (206) 398-5232

<b>Contract/Agreement Type:</b>		<b>Requested Action:</b>	
Competitive Procurement	✓	Execute New Contract/Agreement	✓
Sole Source		Amend Existing Contract/Agreement	✓
Interlocal Agreement		Contingency Funds Required	
Purchase/Sale Agreement		Budget Amendment Required	

*3Applicable to proposed transaction.*

**OBJECTIVE OF ACTION**

- To provide design support during construction for Contract C700 (Royal Brougham Way to Airport Way South).

**ACTION**

- Authorize the Chief Executive Officer to execute a contract amendment with Huitt-Zollars, Inc. to provide design support during construction for Central Link Initial Segment Construction Contract C700 – Royal Brougham Way to Airport Way South, in the amount of \$476,200, with a contingency of \$47,620, for a total of \$523,820 and for a new total authorized contract amount not to exceed \$3,787,421.

**KEY FEATURES**

- Bid-opening for construction Contract C700 – Royal Brougham Way to Airport Way South (RTA/LR 39-02) occurred on June 12, 2003.
- Upon execution of the Full Funding Grant Agreement from the Federal Transit Administration, the C700 construction contract will be awarded.
- Huitt-Zollars, Inc. is the Civil Facilities Final Design Consultant for design Contract D700. To prepare for the construction phase, staff is now recommending a contract amendment with Huitt-Zollars, Inc. to provide design support during construction. The construction duration for C700 is approximately 26 months (fall 2003 to fall 2005).

**BUDGET IMPACTS SUMMARY**

There are no budget impacts for this action.

## BUDGET DISCUSSION

The action considered by this motion will authorize the addition of \$523,820 to the contract with Huitt-Zollars, Inc., to provide design services during construction for C700, and yield a potential expenditure amount for the contract not to exceed \$3,787,421.

The total adopted capital budget for the Initial Segment is \$2.07 billion. Within that budget, \$550,000 has been authorized in the final design phase for design services during construction for C700. Should the proposed action be approved, \$26,180 will remain unallocated for this budget item.

## REVENUE, SUBAREA, AND FINANCIAL PLAN IMPACTS

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

## SUMMARY FOR BOARD ACTION

### Action Item: Huitt-Zollars Inc. (Provide Design Support Services during Construction for C700)

#### (Year of Expenditure \$000)

Initial Segment	Adopted FY2003 Budget (A)	Committed To Date (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
1 Agency Administration	226,780	108,241		108,241	118,539
2 Preliminary Engineering	35,000	33,392		33,392	1,608
3 Final Design	123,000	112,066	524	112,590	10,410
4 Right of Way	233,016	102,179		102,179	130,837
5 Construction	1,172,633	114,718		114,718	1,057,915
6 Construction Services	82,464	3,432		3,432	79,032
7 Third Party Agreements	58,800	16,121		16,121	42,679
8 Vehicles	138,307	-		-	138,307
9 Contingency				-	-
10 <b>Total Current Budget</b>	<b>2,070,000</b>	<b>490,150</b>	<b>524</b>	<b>490,674</b>	<b>1,579,326</b>

#### Phase Budget Detail

11 Segment D700 Design	3,266	3,264		3,264	2
12 Segment D700 Design Support	550	-	524	524	26
13 Other Segments	119,184	108,802	-	108,802	10,382
15 <b>Total Phase</b>	<b>123,000</b>	<b>112,066</b>	<b>524</b>	<b>112,590</b>	<b>10,410</b>

(B) Committed to Date amounts are from the Link *Program Cost Summary Report* (HQ Reports) for June 2003.

(B)3 and (B)5 Committed to Date amount includes board motions not yet included in June 2003 report.

	Final Design	Construction
Commitments through June 2003	111,696	8,890
Other board motions	370	105,828
Total phase commitments	112,066	114,718

Contract Budget	Current Approved Contract Value (F)	Spent to Date (G)	Proposed Action (H)	Proposed Total Contract Value (I)
16 Contract Amount	2,967	3,263	476	3,443
17 Contingency	297	-	48	344
18 <b>Total</b>	<b>3,264</b>	<b>3,263</b>	<b>524</b>	<b>3,787</b>
19 Percent Contingency	10%	0%	10%	10%

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

### **Prime Consultant/Contractor**

Huitt-Zollars' original M/W/DBE and Small Business commitment was 25 percent. They have currently achieved 24.6 percent. During execution of the project, a key W/DBE subconsultant (Symonds Consultants) was purchased by PACE, which is not a W/DBE or small business. Therefore, when PACE purchased Symonds, their subsequent work did not add to the M/W/DBE and small business count, although their participation continued on the contract.

A greater share of the budget in this amendment is directed toward the structural subconsultant (Inca) than other subconsultants on the Huitt-Zollars team. Therefore, the projected M/W/DBE and small business value for this amendment is 13.78 percent.

The total net projected M/W/DBE and small business participation on this contract, including this amendment, is 23.22 percent.

### **Utilization Breakdown Table**

Provided below is a table of all of the firms and their participation on the total contract, including this amendment.

<b>Subconsultant</b>	<b>Business Type</b>	<b>% of Work</b>	<b>Dollar Value</b>
AKB	MBE	7.83%	\$292,697
K2 & Associates	M/DBE	2.61%	97,763
Symonds Consultants	W/DBE	9.03%	337,595
C3 Management Group	WBE	1.86%	69,745
Entech Northwest	MW/DBE	1.23	45,924
Path	Small Bus.	.10	3,453
Achievement Architects	MWBE	.56	21,167
<b>Total: 7 Firms</b>		<b>23.22%</b>	<b>\$868,344</b>

## **HISTORY OF PROJECT**

Huitt-Zollars, Inc. is the final design consultant for design Contract D700 (Royal Brougham Way to Airport Way South). Sound Transit has opened bids for construction Contract C700, and plans to award the construction contract following execution of the Full Funding Grant Agreement. Staff anticipates the start of construction in the fall of 2003. To provide design support during the construction phase, it is standard practice for the final designer to be available. The types of tasks the final designer performs during construction include: review of shop drawings, review of temporary shoring designs, review of contractor Requests for Information, resolution of construction issues which affect the final design, review and response to contractor Value Engineering proposals, etc. The scope of design support during construction will be in effect during the anticipated construction period, from fall 2003 through fall 2005.

**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>
M2002-19	Executed a contract amendment with Huitt-Zollars, Inc. for final design services for Central Link Light Rail D700 in the amount of \$193,084 plus a contingency of \$19,308 for a total of \$212,392 and for a new total authorized contract amount not to exceed \$3,263,601.	2/21/02
R2001-16	Selected the initial segment of the Central Link Light Rail Project to be constructed and operated by 2009.	11/29/01
M2000-27	Executed a contract with Huitt-Zollars, Inc., for civil engineering final design services for the Central Link Light Rail Project from the International District to east of Interstate 5 in the amount of \$2,773,826 with a 10% contingency of \$277,383, for a total amount not to exceed \$3,051,209.	3/2/00

**CONSEQUENCES OF DELAY**

Award of Construction Contract C700 is anticipated in September 2003. Immediately upon award, the contractor will begin to fulfill contract requirements for providing detailed construction submittals. These technical submittals, such as material specifications, shop drawings, catalog cut sheets, shoring designs and others, will require review and concurrence by the designers. In addition, formal value engineering proposals made by the contractor must be reviewed in detail by the designers. Since one of the first activities of the contractor is the start of the provision of technical submittals, it is important that the design support team be available soon after contract award. Delay in approval of this contract amendment for design support during construction, beyond the timeframe for award of the construction contract, would delay the ability of Sound Transit to respond to contractor submittals in a timely manner. Delay in response to contractor submittals could result in contractor claims for additional time to complete the construction.

**REGIONAL PARTNERSHIP AND COOPERATION**

Not applicable to this action.

**PUBLIC INVOLVEMENT**

Not applicable to this action.

**LEGAL REVIEW**

MB 7/25/03

## SOUND TRANSIT

### MOTION NO. M2003-85

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority authorizing the Chief Executive Officer to execute a contract amendment with Huitt-Zollars, Inc. to provide design support during construction for Central Link Initial Segment Construction Contract C700 – Royal Brougham Way to Airport Way South, in the amount of \$476,200, with a contingency of \$47,620, for a total of \$523,820 and for a new total authorized contract amount not to exceed \$3,787,421.

#### **Background:**

Huitt-Zollars, Inc. is the final design consultant for design Contract D700 (Royal Brougham Way to Airport Way South). Sound Transit has opened bids for construction Contract C700, and plans to award the construction contract following execution of the Full Funding Grant Agreement. Staff anticipates the start of construction in the fall of 2003. To provide design support during the construction phase, it is standard practice for the final designer to be available. The types of tasks the final designer performs during construction include: review of shop drawings, review of temporary shoring designs, review of contractor Requests for Information, resolution of construction issues which affect the final design, review and response to contractor Value Engineering proposals, etc. The scope of design support during construction will be in effect during the anticipated construction period, from fall 2003 through fall 2005.


#### **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 amendment with Huitt-Zollars, Inc. to provide design support during construction for Central Link Initial Segment Construction Contract C700 – Royal Brougham Way to Airport Way South, in the amount of \$476,200, with a contingency of \$47,620, for a total of \$523,820 and for a new total authorized contract amount not to exceed \$3,787,421.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on August 7, 2003.

  
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Kevin Phelps  
Finance Committee Chair

ATTEST:

  
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Marcia Walker  
Board Administrator