

**SOUND TRANSIT  
STAFF REPORT**

**MOTION NO. M2004-77**

**Contract Award for Central Link Construction Management Services for South Boeing  
Access Road to South 154th Street**

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	8/5/04	Discussion/Possible Action to Recommend Board Approval Action	Ahmad Fazel, Link Director	(206) 398-5389
Board	8/12/04		<b>Henry Cody, Link Deputy Construction Manager</b>	(206) 398-5377

Contract/Agreement Type:	✓	Requested Action:	✓
Competitive Procurement	✓	Execute New Contract/Agreement	✓
Sole Source		Amend Existing Contract/Agreement	
Interagency Agreement		Contingency Funds (Budget) Required	
Purchase/Sale Agreement		Budget Amendment Required	

✓ *Applicable to proposed transaction.*

**ACTION**

Authorize the Chief Executive Officer to execute a contract with Parsons Brinckerhoff Construction Services, Inc. to provide construction management services for the South Boeing Access Road to South 154th Street line section of the Central Link Light Rail Initial Segment in the amount of \$11,136,363 with a 10% contingency of \$1,113,637, for a total authorized contract amount not to exceed \$12,250,000.

**KEY FEATURES**

- This contract provides construction management services for the South Boeing Access Road to South 154th Street line section (Contracts C755 and C757) which includes construction of approximately 4.7 miles of light rail aerial guideway, 0.2 miles of at-grade guideway, the South 154th Street aerial station, utility undergrounding, and related facilities.
- The construction management contract scope includes resident engineering services, office engineering, inspection (civil, structural, electrical, track, mechanical, utilities), change order administration, diversity administration, and labor compliance administration.
- The construction management team will play a key role during the pre-qualification and bidding process for the procurement of the C755 construction contractor.
- The total value of construction to be administered under this contract is estimated to be between \$220 million and \$260 million.
- This contract is for a period of three years, with two optional one-year extension periods.

## **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 DISCUSSION**

The proposed action would authorize execution of a contract with Parsons Brinckerhoff Construction Services to provide construction management services for the South Boeing Access Road to South 154th Street line section (C755 Tukwila) in the amount of in the amount of \$11,136,363 with a 10% contingency of \$1,113,637, for a total authorized contract amount not to exceed \$12,250,000.

The total adopted capital budget for the Initial Segment is \$2.07 billion. Within that budget, \$17,000,000 was set aside within construction services phase for construction management for the South Boeing Access Road to South 154th Street line section (C755 Tukwila). In early 2004, surplus funds in the amount of \$4,750,000 from this budget line item were redistributed within the construction services phase, including \$594,346 to unallocated contingency, for a revised total amount of \$12,250,000 for this line item. Should the proposed action be approved, this entire amount would be committed.

## **REVENUE, SUBAREA, AND FINANCIAL PLAN 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 subarea financial capacity. The action will have no new revenue impact on Sound Transit.

# BUDGET TABLE

**Action Item:** Parsons Brinckerhoff Construction Services (Provide construction services for the South Boeing Access Road to South 154th Street line section (C755 Tukwila) in the Initial Segment)

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

<b>Initial Segment</b>	Amended FY2004 Budget (A)	Committed To Date (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
1 Agency Administration	218,780	110,415		110,415	108,365
2 Preliminary Engineering	35,000	33,644		33,644	1,356
3 Final Design	143,523	137,786		137,786	5,737
4 Right of Way	233,016	155,314		155,314	77,702
5 Construction	1,159,837	578,513		578,513	581,324
6 <b>Construction Services</b>	<b>82,737</b>	<b>69,125</b>	<b>12,250</b>	<b>81,375</b>	<b>1,362</b>
7 Third Party Agreements	58,800	52,474		52,474	6,326
8 Vehicles	138,307	131,799		131,799	6,508
9 <b>Total Current Budget</b>	<b>2,070,000</b>	<b>1,269,071</b>	<b>12,250</b>	<b>1,281,321</b>	<b>788,679</b>

<b>Phase Budget Detail</b>	(L)				
10 Construction Svcs C755 Tukwila	12,250	-	12,250	12,250	-
11 Other Construction Services	69,241	69,125		69,125	116
12 CS Unallocated Contingency	1,246	-		-	1,246
13 <b>Total Phase</b>	<b>82,737</b>	<b>69,125</b>	<b>12,250</b>	<b>81,375</b>	<b>1,362</b>

(A) AMENDED 2004 BUDGET reflects Board Resolution R2004-05 for Initial Segment phase budget transfer, adopted by the ST Board on 4/22/04.

(B) Committed to Date amounts are from the Link Program Cost Summary Report (HQ Reports) for June 2004 + Board motions not yet included in the report as follows:

	Final Design	Construction	Construct Svcs	Third Parties	Vehicles
Commitments through June 2004	116,724	278,764	34,537	52,474	131,799
Other Board motions	21,062	299,749	34,588	-	-
<b>Total phase commitments</b>	<b>137,786</b>	<b>578,513</b>	<b>69,125</b>	<b>52,474</b>	<b>131,799</b>

<b>Contract Budget</b>	Board Approvals to Date (F)	Current Approved Contract Value (G)	Proposed Action (H)	Proposed Total for Board Approval (I)	Proposed Contract Value (J)
14 Contract Amount	-	-	11,136	11,136	11,136
15 Contingency	-	-	1,114	1,114	1,114
16 <b>Total</b>	-	-	<b>12,250</b>	<b>12,250</b>	<b>12,250</b>
17 Percent Contingency	0%	0%	10%	10%	10%

<b>Phase Budget Transfer</b>	Amended FY2004 Budget (A)	Budget Transfer (K)	Working Budget (L)
18 Construction Svcs C755 Tukwila	17,000	(4,750)	12,250
19 Other Construction Segments	65,086	4,156	69,241
20 Unallocated Contingency	651	594	1,246
21 <b>Total Phase</b>	<b>82,737</b>	<b>-</b>	<b>82,737</b>

(L) WORKING BUDGET = AMENDED 2004 BUDGET + formal budget transfers within project phase, which have been approved by the Link Director, and appear in the Link Program Cost Summary Report (HQ Reports)

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

The small business participation goal for this contract is 20%. Parsons Brinckerhoff Construction Services, Inc. is the prime contractor and has committed to 31.4% M/W/DBE and small business participation.

### **Utilization Breakdown Table**

<b>Subconsultant</b>	<b>Business Type</b>	<b>% of Work</b>	<b>Dollar Value</b>
Kristen Betty & Associates	WBE/DBE	8.8%	985,424
CS3W Associates, Inc.	MBE/DBE	4.1%	463,579
Cooper Zeitz Engineers	MBE/DBE	6.7%	753,488
Garry Struthers Associates	Small Business	5.8%	645,277
MedTox NW	WBE	.08%	9,099
O'Bunco Engineering	MBE/DBE	3.4%	383,546
Otto Rosenau & Associates	WBE/DBE	2.3%	258,688
<b>Total</b>		<b>31.4%</b>	<b>3,499,101</b>

### **EEO Commitment**

Parsons Brinckerhoff Construction Services Inc.'s workforce demographics are 26% women and 20% minorities.

### **Apprentice Utilization Commitment**

There are no apprentice utilization requirements since this is a professional-services contract.

## **HISTORY OF PROJECT**

On January 22, 2004 Sound Transit requested statements of qualification for construction management services for the South Boeing Access Road to South 154th Street line section. On February 24, 2004 Sound Transit received a Statement of Qualifications from eight firms. A selection panel evaluated the written proposals and selected three firms for interviews. The panel considered both the written proposal and the interview, and selected Parsons Brinckerhoff Construction Services, Inc. Following cost/price analyses and negotiations, Sound Transit staff and Parsons Brinckerhoff Construction Services, Inc. reached an agreement, subject to Board approval.

Construction for the South Boeing Access Road to South 154th Street line section, C755, is anticipated to start in the spring of 2005. The project includes the construction of at-grade and aerial light rail facilities from the south end of Martin Luther King Boulevard South and Boeing Access Road to an interim terminus station at South 154th Street and International Boulevard in Tukwila. Three large span structures will span I-5, the Burlington Northern Santa Fe and Union Pacific railroad tracks and the Duwamish River. C757, Advance Utility Relocation, consists of relocating overhead utilities to underground duct banks to remove conflicts with the future aerial light rail structures.

Sound Transit is currently pre-qualifying construction contractors for the C755 contract and the proposals from potential bidders were received on July 29, 2004. Assistance provided under this proposed Construction Management services contract will augment Link's construction management and design teams, help facilitate pre-construction activities, and assist in providing responses to C755 construction contract bidder's questions and requests for clarification.

## **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>
R2001-16	Selected the initial segment of the Central Link Light Rail Project to be constructed and operated by 2009.	11/29/01

### **CONSEQUENCES OF DELAY**

Because of the highly specialized technical nature of the construction of this line section, it is desirable to have the construction management consultant available to assist in the bidding process. Construction for the C757 utility relocation is scheduled to begin in October 2004.

### **PUBLIC INVOLVEMENT**

Sound Transit has worked cooperatively with the City of Seattle, King County, King County Metro, Washington State Department of Transportation, the Department of Ecology, the City of Tukwila, and local businesses and interest groups on the Central Link Light Rail Project. Sound Transit staff continues to keep local and area residents informed about the status of the project and the strategies for minimizing the impact of construction on the affected neighborhoods.

### **LEGAL REVIEW**

MMB 7/27/04

## **SOUND TRANSIT**

### **MOTION NO. M2004-77**

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the Chief Executive Officer to execute a contract with Parsons Brinckerhoff Construction Services, Inc. to provide construction management services for the South Boeing Access Road to South 154th Street line section of the Central Link Light Rail Initial Segment in the amount of \$11,136,363 with a 10% contingency of \$1,113,637, for a total authorized contract amount not to exceed \$12,250,000.

#### **Background:**

On January 22, 2004 Sound Transit requested statements of qualification for construction management services for the South Boeing Access Road to South 154th Street line section. On February 24, 2004 Sound Transit received a Statement of Qualifications from eight firms. A selection panel evaluated the written proposals and selected three firms for interviews. The panel considered both the written proposal and the interview, and selected Parsons Brinckerhoff Construction Services, Inc. Following cost/price analyses and negotiations, Sound Transit staff and Parsons Brinckerhoff Construction Services, Inc. reached an agreement, subject to Board approval.

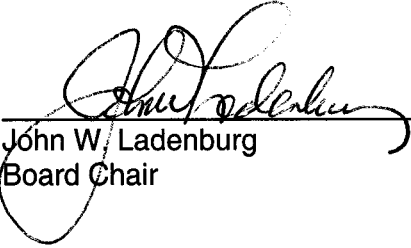
Construction for the South Boeing Access Road to South 154th Street line section, C755, is anticipated to start in the spring of 2005. The project includes the construction of at-grade and aerial light rail facilities from the south end of Martin Luther King Boulevard South and Boeing Access Road to an interim terminus station at South 154th Street and International Boulevard in Tukwila. Three large span structures will span I-5, the Burlington Northern Santa Fe and Union Pacific railroad tracks and the Duwamish River. C757, Advance Utility Relocation, consists of relocating overhead utilities to underground duct banks to remove conflicts with the future aerial light rail structures.

Sound Transit is currently pre-qualifying construction contractors for the C755 contract and the proposals from potential bidders were received on July 29, 2004. Assistance provided under this proposed Construction Management services contract will augment Link's construction management and design teams, help facilitate pre-construction activities, and assist in providing responses to C755 construction contract bidder's questions and requests for clarification.

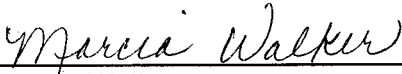
#### **Motion:**

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 contract with Parsons Brinckerhoff Construction Services, Inc. to provide construction management services for the South Boeing Access Road to South 154th Street line section of the Central Link Light Rail Initial Segment in the amount of \$11,136,363 with a 10% contingency of \$1,113,637, for a total authorized contract amount not to exceed \$12,250,000.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on August 12, 2004.

  
\_\_\_\_\_  
John W. Ladenburg  
Board Chair

ATTEST:

  
\_\_\_\_\_  
Marcia Walker  
Board Administrator