

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2006-29

**Construction Management Services for Reservation Junction to
Freighthouse Square Phase 3 Remediation**

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	4/6/06	Discussion/Possible Action	Jim Edwards, Deputy Director, Capital Projects Christine Engler, Construction Program Manager Jerry Dahl, Construction Manager	(206) 398-5436 (206) 398-5056 (206) 398-5284

Contract/Agreement Type:	<input checked="" type="checkbox"/>	Requested Action:	<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"/>
Agreement with Other Jurisdiction(s)	<input type="checkbox"/>	Budget Amendment	<input type="checkbox"/>

PROJECT NAME:

Reservation Junction to Freighthouse Square

PROPOSED ACTION

Authorizes the Chief Executive Officer to execute a contract with URS Corporation to provide construction management services for Reservation Junction to Freighthouse Square Phase 3 Remediation in the amount of \$190,000, with a 10% contingency of \$19,000, for a total authorized contract amount not to exceed \$209,000.

KEY FEATURES of PROPOSED ACTION

- Defines a scope of work for construction management services, including assistance during design and contract advertisement, construction contract administration, field services, monitoring of diversity/small business/EEO and apprenticeship goals, materials testing, and contract closeout.
- Construction is projected to begin June 2006 and last approximately three months.
- Sound Transit has received funding to perform Reservation Junction to Freighthouse Square remediation. The agency is currently holding the funds in a claims account. Funding for this contract as well as the other identified remediation, design and construction work will be transferred from the claims account to the project.

BUDGET IMPACT SUMMARY

Project Name: Reservation to Freighthouse Square
Current Project Phase: Construction
Projected Completion Date: 2006

Action Outside of Adopted Budget:	✓	Comments on Checked Items
This Project	✓	Project budget shortfall will be addressed in the 2 nd quarter budget amendment.
This Phase	✓	This action will create a construction phase shortfall of \$105K.
This Task		
Budget Amendment Required		

Key Financial Indicators:	✓	Comments on Checked Items
Claims Account Funds Required	✓	Funds from the claims account will be transferred to the project to cover the shortfall for this action.
Funding required from other parties (other than what is assumed in financial plan)		

Not checked = action is assumed in current Board-adopted budget. No budget action or adjustment to financial plan required.

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 Board-adopted budget for this project is \$16,802,131 with a construction phase board adopted budget of \$14,887,175. The proposed action is to execute a contract with URS for construction management services for the Reservation Junction to Freighthouse Square Track Improvements in the amount not to exceed \$209,000. This action will leave a remaining construction phase shortfall of \$105,222. The remaining project balance will have a shortfall of \$213,431.

Sound Transit has received funding to perform Reservation Junction to Freighthouse Square remediation which is currently being held in a claims account. Funding for this contract amendment as well as the other identified remediation, design and construction work will be transferred from the claims account to the project. The agency administration phase shortfall of \$543,619 will be addressed through a budget amendment that staff will seek in the second quarter of 2006.

Currently, the project budget table reflects all expenditures to date, but does not include the offsetting funding. This transfer to the project will occur prior to seeking authorization to enter into a construction contract for Phase 3 remediation.

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)

	2006 Board Adopted Budget ⁽¹⁾ (A)	Committed To Date ⁽²⁾ (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
1 Agency Administration	\$ 235	\$ 778	\$ -	\$ 778	\$ (544)
2 Preliminary Engineering	\$ 201	\$ 201	-	\$ 201	(0)
3 Final Design	\$ 962	\$ 1,044	-	\$ 1,044	(82)
4 Right of Way	\$ -	\$ -	-	\$ -	-
5 Construction	\$ 14,887	\$ 14,783	209	\$ 14,992	(105)
7 Contingency	\$ 517	\$ -	-	\$ -	517
8 Total Current Budget	\$ 16,802	\$ 16,807	\$ 209	\$ 17,016	\$ (213)
Phase Budget Detail					
11 Construction	\$ 14,887	\$ 14,783	\$ 209	\$ 14,992	\$ (105)
12 Total Phase	\$ 14,887	\$ 14,783	\$ 209	\$ 14,992	\$ (105)

Contract Budget	Current Approved Contract Value (F)	Spent to Date (G)	Proposed Action - Construction (H)	Proposed Total Contract Value (I)
13 URS Corporation	\$ -	\$ -	\$ 190	\$ 190
14 Contingency	-	-	19	\$ 19
15 Total	-	-	209	\$ 209
16 Percent Contingency	0%		10%	10%

Budget Shortfall	Shortfall Amt (J)	Potential Funds (K)	Funding Source ^{(3) & (4)} (L)
Final Design	\$ (82)	\$ 82	Claims Account
Construction	\$ (105)	\$ 105	Claims Account
Agency Administration	\$ (544)	\$ 1,302	Transfer from Track & Signal #110 & #120

Notes:

- (1) Project budget is located on page 109 of the Adopted 2006 Budget book. Amounts shown reflect the combined Reservation-Freighthouse budget for South King and Pierce subareas.
- (2) Committed to-date amount includes actual outlays and commitments for the Reservation-Freighthouse project in South King and Pierce subareas combined, through February 28, 2006.
- (3) Funds from the claims account will be used to cover these expenses.
- (4) The shortfall in Agency Administration will be covered by a budget transfer from Seattle to Tacoma Track & Signal, this will be presented to the Board as an amendment in the 2nd quarter. There are sufficient funds available in Track & Signal to cover the budget transfer.

M/W/DBE – SMALL BUSINESS PARTICIPATION

Prime Consultant/Contractor

URS Corporation is the prime construction management consultant for this contract. URS Corporation is committed to a 21.9% M/W/DBE and Small Business goal.

Utilization Breakdown Table

Subconsultant	Business Type	% of Work	Dollar Value
ICON	MBE/DBE	3.9%	\$7,371
Lin & Associates	MBE/DBE	7%	\$13,230
LKG-CMC, Inc.	WBE/DBE	6.9%	\$13,041
O'Bunco Engineering	MBE/DBE	1.7%	\$3,213
Otto Rosenau & Associates	WBE	2.4%	\$4,536
Total		21.9%	\$41,391

EEO Commitment

URS Corporation workforce demographics are 35.7% women and 24.6% people of color.

PROJECT DESCRIPTION and BACKGROUND for PROPOSED ACTION

In the summer of 2003, an embankment near Bay Street and Portland Avenue was constructed for the track connection from Reservation Junction on the BNSF line to Tacoma Dome Station at Freighthouse Square. After construction, a portion of the embankment continued to settle beyond original estimates and required remedial construction work. In May 2004, closely-spaced, reinforced concrete auger-cast piles were installed along the embankment to improve the soil foundation (Phase 1). In January 2005, reinforced concrete wing walls were added at the Bay Street underpass abutments and cracked embankment wall panels were repaired (Phase 2). Because excessive differential settlement has occurred below the embankment and because the embankment is expected to continue to settle over the next few years, a supplemental embankment retaining system will be provided in the current phase of construction (Phase 3). URS Corporation will provide the construction management services for this contract.

URS Corporation was selected through a regular Sound Transit Request for Qualifications (RFQ) process for interested construction management consultants.

Phase 3 remediation for the Reservation Junction to Freighthouse Square embankment will consist of reinforced concrete retaining walls supported on auger cast piles. These walls will be placed on either side of the existing embankment supporting track located on the Reservation Junction to Freighthouse Square connector, east of the Bay Street Tunnel at Bay Street and Portland Avenue. This is a supplemental wall system and will be constructed without the removal of the existing embankment. In addition, the supplemental wall system will be constructed so that train operations will experience minimal disruption during the construction period.

Prior Board/Committee Actions on this Project and Relevant Board Policies

Motion or Resolution Number	Summary of Action	Date of Action
M2005-98	Authorized the Chief Executive Officer to execute a contract amendment with David Evans and Associates, Inc. for design services for Reservation to Freighthouse Square Embankment Remediation in the amount of \$206,254, with a 20% contingency of \$41,251, for a new total authorized contract amount not to exceed \$2,226,623.	12/06/05
M2004-40	Authorized the Chief Executive Officer to execute a contract amendment with Stacy and Witbeck, Inc., to fund Phase I repairs to stabilize the earth fill embankment structure and Lock & Load wall system at the Reservation Junction to Freighthouse Square commuter rail track project in the amount of \$780,000, with a contingency of \$87,680, for a new total authorized amount not to exceed \$9,857,000, and to extend the term of the contract to September 30, 2004.	4/15/04

CONSEQUENCES of DELAY

A delay beyond April 20, 2006 may delay Sound Transit from authorizing the contractor to start construction work in early June and complete construction by the end of September.

PUBLIC INVOLVEMENT

Not applicable for this action.

ENVIRONMENTAL COMPLIANCE

Not applicable for this action.

LEGAL REVIEW

JW 3/22/06

SOUND TRANSIT

MOTION NO. M2006-29

A motion of the Finance Committee of the Central Puget Sound Regional Transit Authority authorizing the Chief Executive Officer to execute a contract with URS Corporation to provide construction management services for Reservation Junction to Freighthouse Square Phase 3 Remediation in the amount of \$190,000 with a 10% contingency of \$19,000, for a total authorized contract amount not to exceed \$209,000.

Background:

In the summer of 2003, an embankment near Bay Street and Portland Avenue in Tacoma was constructed for the track connection from Reservation Junction on the BNSF line to Tacoma Dome Station at Freighthouse Square. After construction, a portion of the embankment continued to settle beyond original estimates and required remedial construction work. In May 2004, closely-spaced, reinforced concrete auger-cast piles were installed along the embankment to improve the soil foundation (Phase 1). In January 2005, reinforced concrete wing walls were added at the Bay Street underpass abutments and cracked embankment wall panels were repaired (Phase 2). Because excessive differential settlement has occurred below the embankment and because the embankment is expected to continue to settle over the next few years, a supplemental embankment retaining system will be provided with this current phase of construction (Phase 3).


Phase 3 Remediation for the Reservation Junction to Freighthouse Square embankment will consist of reinforced concrete retaining walls supported on auger cast piles. These walls will be placed on either side of the existing embankment supporting track located on the Reservation Junction to Freighthouse Square connector, east of the Bay Street Tunnel at Bay Street and Portland Avenue in Tacoma. This is a supplemental wall system and will be constructed without the removal of the existing embankment. In addition, the supplemental wall system will be constructed so that train operations will experience minimal disruption during the construction period.

URS Corporation was selected through a regular Sound Transit Request for Qualifications (RFQ) process for interested construction management consultants.

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 URS Corporation to provide construction management services for Reservation Junction to Freighthouse Square Phase 3 Remediation in the amount of \$190,000, with a 10% contingency of \$19,000, for a total authorized contract amount not to exceed \$209,000.

APPROVED by the Finance Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 6, 2006.



Fred Butler
Finance Committee Chair

ATTEST:



Marcia Walker
Board Administrator