

**SOUND TRANSIT
STAFF REPORT**

MOTION NO. M2005-38

**Sole Source Purchase with Motorola for KCRS Interface and Portable Radios Under
WSCA Agreement**

Meeting:	Date:	Type of Action:	Staff Contact:	Phone:
Finance Committee	4/7/05	Discussion/Possible Action to Recommend Board Approval Action	Ahmad Fazel, Link Director	(206) 398-5389
Board	4/14/05		Steve Procter, Link Systems Engineering Manager	(206) 370-5509

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

✓ *Applicable to proposed transaction.*

ACTION

Authorize the Chief Executive Officer to execute a sole source purchase with Motorola under the existing Western States Contracting Alliance Contract to engineer, manufacture, furnish, install, and test the radio system for the Central Link Light Rail Initial Segment in the amount of \$2,353,336, with a 5% contingency of \$117,667, for a total authorized contract amount not to exceed \$2,471,003.

KEY FEATURES

- This contract includes:
 - The engineering, furnishing, installation, and testing of the interface between the Link Light Rail radios and the King County Radio System (KCRS);
 - Furnishing mobile radios for Link Light Rail Vehicles; and
 - Furnishing portable radios for operating personnel.
- Sound Transit needs to purchase Motorola equipment because the radio system for Link is required to be compatible with King County's proprietary Motorola radio system.
- Sound Transit will purchase the equipment through an existing contract between Motorola and the Western States Contracting Alliance (WSCA) that offers direct purchase opportunities to state and local governments. Purchases made through this contract offer advantageous pricing compared to purchasing the equipment from Motorola directly or through third parties.
- The purchase order will include applicable Federal Transit Administration (FTA) contract requirements, including the requirement that Motorola comply with Buy America.

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 sole source purchase with Motorola under the existing WSCA Contract to engineer, manufacture, furnish, install, and test the radio system for the Central Link Light Rail Initial Segment for a total authorized contract amount not to exceed \$2,471,003.

The adopted 2005 lifetime capital budget for the Initial Segment is \$2.07 billion. Within that budget, \$2,500,000 has been set aside for the purchase of the KCRS-compatible radio system (P806). To date, commitments of \$8,000 have been made against this budget line item. Should the proposed action be approved, there will be a remaining balance of \$20,997 for this budget line item.

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: Motorola (sole source purchase to engineer, manufacture, furnish, install, and test the radio system for the Central Link Initial Segment)

(Year of Expenditure \$000)

Initial Segment	Amended 2005 Budget (A)	Committed To Date (B)	This Action (C)	Total Committed & Action (D)	Uncommitted (Shortfall) (E)
1 Agency Administration	218,780	112,318		112,318	106,462
2 Preliminary Engineering	34,000	33,610		33,610	390
3 Final Design	143,523	140,688		140,688	2,835
4 Right of Way	225,516	176,413		176,413	49,103
5 Construction	1,172,066	783,109	2,471	785,580	386,486
6 Construction Services	83,892	80,631		80,631	3,262
7 Third Party Agreements	58,916	53,452		53,452	5,464
8 Vehicles	133,307	131,799		131,799	1,508
9 Total Current Budget	2,070,000	1,512,019	2,471	1,514,490	555,510

Construction Phase Detail

10 P806 KCRS Radios	2,500	8	2,471	2,479	21
11 Other Systemwide contracts	119,701	103,332	-	103,332	16,369
12 Other Construction	1,049,865	679,769	-	679,769	370,096
13 Total Phase	1,172,066	783,109	2,471	785,580	386,486

(A) Proposed Amended 2005 Budget reflects pending Board Resolution R2005-xx to the transfer \$4 million to the Construction Phase from the ROW Phase within the Initial Segment.

Contract Budget	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	-	-	2,353	2,353	2,353
15 Contingency	-	-	118	118	118
16 Total	-	-	2,471	2,471	2,471
17 Percent Contingency	0%	0%	5%	5%	5%

(A) AMENDED 2005 BUDGET reflects Board Resolution R2005-08 to transfer \$4 million to the Construction Phase from the ROW phase within the Initial Segment, approved by the ST Board 3/10/05.

M/W/DBE – SMALL BUSINESS PARTICIPATION

Not applicable to this action.

HISTORY OF PROJECT

Prior Board or Committee Actions and Relevant Board Policies

Motion or Resolution Number	Summary of Action	Date of Action
R2003-06	Authorized the Executive Director to execute an intergovernmental agreement with King County for (1) the operation and maintenance of Central Link Light Rail (including the Downtown Seattle Transit Tunnel) and the provision of complementary paratransit services for a term commencing with passenger service and running for five years (or until December 31, 2015, whichever is earlier) for an estimated amount of \$124.1 million (YOES\$); and (2) the performance of start-up activities for an estimated amount of \$17.36 million (YOES\$) in capital funds	5/22/03
R2001-16	Selected the Initial Segment of the Central Link Light Rail Project to be constructed and operated by 2009.	11/29/01

As provided for in the intergovernmental agreement with King County for the operation and maintenance of Central Link Light Rail, executed in 2003, Sound Transit is required to purchase Motorola equipment in order to fully integrate with KCRS. This agreement addresses the use of King County's radio system for operation of Central Link Light Rail and requires Sound Transit's radio system to be "functionally integrated with the KCRS, providing a seamless interconnection."

KCRS uses proprietary Motorola equipment. If Sound Transit were to use another manufacturer's equipment, it could potentially create integration difficulties, which would not be known until after installation and testing, and could also affect (manufacturer) interconnection on any warranties or services agreements on the KCRS system.

After considering different procurement methods for the Motorola equipment; a sole source procurement, issue for bid, request for proposal, and public agency contracts including the WSCA contract; staff concluded that it was most cost effective to take advantage of savings offered by procuring the equipment and installation through the existing WSCA contract.

CONSEQUENCES OF DELAY

A delay beyond April 25, 2005 will delay delivery of the mobile radios for the Link Light Rail Vehicles.

PUBLIC INVOLVEMENT

Not applicable to this action.

LEGAL REVIEW

JDW 3/28/05

SOUND TRANSIT

MOTION NO. M2005-38

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the Chief Executive Officer to execute a sole source purchase with Motorola under the existing Western States Contracting Alliance contract to engineer, manufacture, furnish, install, and test the radio system for the Central Link Light Rail Initial Segment in the amount of \$2,353,336, with a 5% contingency of \$117,667, for a total authorized contract amount not to exceed \$2,471,003.

Background:

As provided for in the intergovernmental agreement with King County for the operation and maintenance of Central Link Light Rail, executed in 2003, Sound Transit is required to purchase Motorola equipment in order to fully integrate with King County radio system (KCRS). This agreement addresses the use of King County's radio system for operation of Central Link Light Rail and requires Sound Transit's radio system to be "functionally integrated with the KCRS, providing a seamless interconnection."

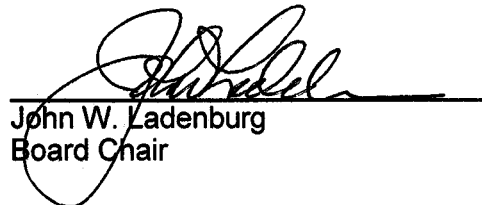
KCRS uses proprietary Motorola equipment. If Sound Transit were to use another manufacturer's equipment, it could potentially create integration difficulties, which would not be known until after installation and testing, and could also affect (manufacturer) interconnection on any warranties or services agreements on the KCRS system.

The only practically available means to obtain the proprietary radio equipment is to purchase it directly from Motorola, the manufacturer. Staff determined that the most cost effective method to obtain the equipment from Motorola is to buy the equipment through the existing Western States Contracting Alliance contract to which Washington State is a party. This contract allows Sound Transit to realize cost-savings offered by Motorola to several western states for the purchase and installation of its equipment.


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 purchase with Motorola through the existing Western States Contracting Alliance contract to engineer, manufacture, furnish, install, and test the radio system for the Central Link Light Rail Initial Segment in the amount of \$2,353,336, with a 5% contingency of \$117,667, for a total authorized contract amount not to exceed \$2,471,003.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on April 14, 2005.


John W. Ladenburg
Board Chair

ATTEST:


Marcia Walker
Board Administrator