

MOTION NO. M2012-15
Radio Console Equipment Procurement and Installation for University Link

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Capital Committee	03/08/12	Final Action	Ahmad Fazel, Executive Director, DECM Justin Garrod, Senior Systems Engineer	206-398-5389 206-398-5384

PROPOSED ACTION

Authorizes the chief executive officer to execute a contract with Motorola Inc., to provide and install radio console equipment for the University Link project in the amount of \$1,117,896, with a 10% contingency of \$111,790, for a total authorized contract amount not to exceed \$1,229,686.

KEY FEATURES

- Under this contract, Motorola Inc., will provide and install new radio equipment to be used in the Link Control Center (LCC) and Back-up Control Center.
- The new radio system will allow continuous communications between the LCC, light rail vehicles, buses operated by King County Metro, and operations and maintenance staff in the field. This system is required for safe operations of the light rail system and is essential in responding to life safety events.
- The new radio console equipment will maintain compatibility with the King County Metro radio system when the present bus radio system is replaced. The equipment will also allow enhanced communications capability with Emergency Responders.

PROJECT DESCRIPTION

University Link (U-Link) is a 3.15-mile light rail extension located entirely underground with tunnels traveling east from Pine Street, under the I-5 freeway to an underground station at Capitol Hill, continuing north beneath SR 520 and the Lake Washington Ship Canal to an underground station on the UW campus, near Husky Stadium.

FISCAL INFORMATION

Consistent with the U-Link forecast cost at completion, this action and remaining contracts for construction are within the project phase approved budget.

Project Budget

University Link	2012 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration	115,229	48,404		48,404	66,825
Preliminary Engineering	24,261	24,266		24,266	(5)
Final Design	87,633	78,377		78,377	9,256
Right of Way	152,332	125,856		125,856	26,476
Construction	1,158,183	714,105	1,230	715,335	442,848
Construction Services	95,814	81,532		81,532	14,281
Third Party Agreements	18,646	11,915		11,915	6,731
Vehicles	103,909	99,185		99,185	4,724
Total Current Budget	1,756,007	1,183,641	1,230	1,184,871	571,136

Phase Detail

Construction

Construction Miscellaneous	4,019	2,001	1,230	3,231	788
Other Construction	1,154,164	712,104		712,104	442,060
Total Phase	1,158,183	714,105	1,230	715,335	442,848

Contract Detail

Contract Detail	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount	-	-	1,118	1,118
Contingency	-	-	112	112
Total	-	-	1,230	1,230
Percent Contingency	0%	0%	10%	10%

Notes:

Amounts are expressed in Year of Expenditure \$000s.

Board Approvals = Committed To-Date + Contingency, and includes pending Board actions.

Project Budget is located on page 35 of the Proposed 2012 Transit Improvement Plan (TIP) as amended and adopted by resolution of the ST Board in December 2011 (Resolution R2011-18, approved 12/15/11).

SMALL BUSINESS PARTICIPATION

Sound Transit Goal: 0%

Commitment: 0%

The contractor will perform 100% of the work, there are no sub-contracting opportunities on this contract.

EQUAL EMPLOYMENT WORKFORCE PROFILE

9,909 employees; 25.4% women; 30.1% minorities.

BACKGROUND

The Link light rail radio system is operated through the King County Radio System (KCRS) with connections to the King County Metro radio system that communicates with buses in the

Downtown Seattle Transit Tunnel (DSTT). Radio consoles allow for operation between other life safety agencies operating on the KCRS radio system in the event of a major emergency.

In October 2011, an invitation for bid was advertised for a radio console contract and one bid was submitted. Motorola was found to be responsive and responsible. Notice to proceed is anticipated in March 2012 and be substantially complete before March 2013.

ENVIRONMENTAL COMPLIANCE

Jl 11/07/2011

TIME CONSTRAINTS

A one month delay would not create a significant impact to the project schedule.

PUBLIC INVOLVEMENT

Not applicable to this action.

LEGAL REVIEW

JW 3/2/12

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A motion of the Capital Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Motorola Inc., to provide and install radio console equipment for the University Link project in the amount of \$1,117,896, with a 10% contingency of \$111,790, for a total authorized contract amount not to exceed \$1,229,686.

BACKGROUND:

The Link light rail radio system is operated through the King County Radio System (KCRS) with connections to the King County Metro radio system that communicates with buses in the Downtown Seattle Transit Tunnel (DSTT). Radio consoles allow for operation between other life safety agencies operating on the KCRS radio system in the event of a major emergency.

In October 2011, an invitation for bid was advertised for a radio console contract and one bid was submitted. Motorola was found to be responsive and responsible. Notice to proceed is anticipated in March 2012 and be substantially complete before March 2013.

MOTION:

It is hereby moved by the Capital Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with Motorola Inc., to provide and install radio console equipment for the University Link project in the amount of \$1,117,896, with a 10% contingency of \$111,790, for a total authorized contract amount not to exceed \$1,229,686.

APPROVED by the Capital Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on March 8, 2012.



Fred Butler
Capital Committee Chair

ATTEST:



Marcia Walker
Board Administrator