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

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

<table>
<thead>
<tr>
<th>University Link</th>
<th>2012 TIP</th>
<th>Board Approvals</th>
<th>This Action</th>
<th>Board Approved Plus Action</th>
<th>Uncommitted / (Shortfall)</th>
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<tbody>
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<td>Agency Administration</td>
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<td>48,404</td>
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<tr>
<td>Preliminary Engineering</td>
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<td>Final Design</td>
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<td>9,256</td>
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<td>Right of Way</td>
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<td>26,476</td>
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<td>Construction</td>
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<td>714,105</td>
<td>1,230</td>
<td>715,335</td>
<td>442,848</td>
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<td>Third Party Agreements</td>
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<td>Vehicles</td>
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<td>4,724</td>
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<td>Total Current Budget</td>
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<td>1,183,641</td>
<td>1,230</td>
<td>1,184,871</td>
<td>571,136</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Contract Amount</th>
<th>Board Approvals to Date</th>
<th>Current Approved Contract Status</th>
<th>Proposed Action</th>
<th>Proposed Total for Board Approval</th>
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<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1,118</td>
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<td>Contingency</td>
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<td>Total</td>
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<td>1,230</td>
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<tr>
<td>Percent Contingency</td>
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<td>0%</td>
<td>10%</td>
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</table>

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**

JI 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
MOTION NO. M2012-15

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:

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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