

**MOTION NO. M2015-110**  
**Link CCTV System Upgrade**

<b>MEETING:</b>	<b>DATE:</b>	<b>TYPE OF ACTION:</b>	<b>STAFF CONTACT:</b>
Operations and Administration Committee	12/03/2015	Final Action	Bonnie Todd, Executive Director of Operations <b>George D. McGinn, Central Link Maintenance Manager</b>

**PROPOSED ACTION**

Authorizes the chief executive officer to execute a contract with Rail Service Corporation to provide closed circuit television equipment for Link light rail in the amount of \$625,559, with a 10% contingency of \$62,555, for a total authorized contract amount not to exceed \$688,115.

**KEY FEATURES SUMMARY**

- The current Link closed circuit television (CCTV) system is a legacy system that has reached end of life and is no longer supported by the original equipment manufacturer; technical assistance and replacement parts are not available.
- The Link CCTV system is integrated into the light rail Supervisory Control and Data Acquisition (SCADA) train operating system and allows the Link Control Center staff to monitor multiple locations throughout the Link rail system in real time and respond accordingly.
- New hardware and software equipment, including video recorders and central storage servers are required to bring the system back to a supportable condition and to remain fully compatible with the latest versions of the CCTV software and equipment.
- This action would provide equipment, installation and testing required to upgrade the CCTV system at 16 locations along the current Link alignment, including the operations and maintenance base and Pine Street stub tunnel to ensure reliable streaming video and video storage.
- Rail Service Corporation will also provide five years of software/hardware service level agreement and critical spare parts.
- The upgrade would be consistent with the new CCTV systems installed at University of Washington, Capitol Hill, and South 200<sup>th</sup> Angle Lake Stations.

**BACKGROUND**

The current CCTV system has been in operation since 2007. Sound Transit Security monitors the CCTV system for public safety and the Link Control Center (LCC) monitors all station platforms and ancillary locations in support of daily operations and maintenance activities. The CCTV recordings are critical for accident and security investigations and Freedom of Information Requests.

Existing system components and associated software are no longer supported by the Original Equipment Manufacturer (OEM), NiceVision. Spare parts and service are no longer available for this legacy system.

Additionally, the new University Link and South 200<sup>th</sup> Extensions were built with a new generation of the NiceVision CCTV system. These new systems are not compatible with the current NiceVision system. The upgrade will result in a Link CCTV system that is current and supportable.

The 16 stations/locations to be upgraded are: International District, Pioneer Square, University, Westlake, Convention Place, Airport, Beacon Hill, Mt. Baker, Tukwila International Blvd., Columbia, Othello, Rainer Beach, SODO, and Stadium stations as well as Link Operations and Maintenance Facility and Pine Street stub tunnel.

On September 24, 2015 the Board amended the adopted 2015 Annual Budget through R2015-19 to create the Link Closed Circuit Television System Upgrade Project.

On November 2, 2015 the Agency solicited bids to upgrade the CCTV system through a competitive Invitation for Bids process. Sound Transit received five bids. Rail Service Corporation was determined to be the lowest responsive, responsible bidder.

**FISCAL SECTION**

The Lifetime project budget for the Link CCTV System Upgrade is \$700,000. Within that amount this proposed action would commit \$688,115.49 for this line item, leaving a remaining budget balance of \$11,884.51. This action and contract are intended to deliver in its entirety, the upgrades as described in the background above. Any remaining balance will be used for unanticipated costs, if necessary.

This action is within the adopted budget and sufficient monies remain after approval of this action to fund the remaining work in the construction phase contained in the current cost estimates.

**Link CCTV System Upgrade**

	Adopted 2015 TIP	Board Approvals	This Action	Board Approved Plus Action	Uncommitted / (Shortfall)
Agency Administration					
Preliminary Engineering					
Final Design					
Third Party Agreements					
Right of Way					
Construction	700		688	688	12
Construction Services					
Vehicles					
<b>Total Current Budget</b>	<b>700</b>		<b>688</b>	<b>688</b>	<b>12</b>

**Phase Detail**

**Construction**

Construction	700		688	688	12
Other Construction					
<b>Total Phase</b>	<b>700</b>		<b>688</b>	<b>688</b>	<b>12</b>

**Contract Detail**

Rail Service Corporation	Board Approvals to Date	Current Approved Contract Status	Proposed Action	Proposed Total for Board Approval
Contract Amount			626	626
Contingency Amount			63	63
<b>Total Contract</b>			<b>688</b>	<b>688</b>
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 page is located on page 73 of 116 of the Proposed 2016 Transit Improvement Plan (TIP).

## **SMALL BUSINESS/DBE PARTICIPATION AND APPRENTICESHIP UTILIZATION**

### **Participation by Small Businesses and Disadvantaged Business Enterprises (DBEs)**

Sound Transit promotes and encourages small business participation, which also includes Disadvantaged Business Enterprises (DBEs). Small Business and DBE goals are based upon an examination of subcontracting opportunities contained in the work of this contract and the number of Small Businesses/DBEs available to perform such subcontracting work.

Sound Transit determined that Small Business and DBE subcontracting opportunities are infeasible or improbable based upon the work described in this contract, so Small Business/DBE goals were not established or required.

## **PUBLIC INVOLVEMENT**

Not applicable to this action.

## **TIME CONSTRAINTS**

A one month delay would create a significant impact to the project with current contracts expiring on February 28, 2015.

## **PRIOR BOARD/COMMITTEE ACTIONS**

Resolution No. R2015-19: Amended the Adopted 2015 Annual Budget to create the Link Closed Circuit Television System Upgrade Project by (1) establishing a Project Lifetime Budget in the amount of \$700,000 and (2) establishing a 2015 Annual Project Budget of \$700,000.

## **ENVIRONMENTAL REVIEW**

Jl 24 Nov 2015

## **LEGAL REVIEW**

LA 24 Nov 2015

**MOTION NO. M2015-110**

A motion of the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to execute a contract with Rail Service Corporation to provide closed circuit television equipment for Link light rail in the amount of \$625,559, with a 10% contingency of \$62,555, for a total authorized contract amount not to exceed \$688,115.

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**MOTION:**

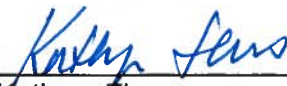
It is hereby moved by the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to execute a contract with Rail Service Corporation to provide closed circuit television equipment for Link light rail in the

amount of \$625,559, with a 10% contingency of \$62,555, for a total authorized contract amount not to exceed \$688,115.

APPROVED by the Operations and Administration Committee of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on December 3, 2015.

  
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Paul Roberts  
Operations and Administration Committee Chair

ATTEST:

  
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Kathryn Flores  
Board Administrator