

## MOTION NO. M2013-71

### **Agreement with the King County Radio Communications Services Board to provide 800 MHz Radio Services**

MEETING:	DATE:	TYPE OF ACTION:	STAFF CONTACT:	PHONE:
Operations and Administration Committee	09/05/2013	Deferred	Bonnie Todd, Executive Director of Operations	206-398-5367
Operations and Administration Committee	10/03/2013	Recommend to Board	<b>Kenneth Cummins, Chief Security Officer</b>	206-398-5322
Board	10/24/2013	Final Action		

### PROPOSED ACTION

Authorizes the chief executive officer to enter into an agreement with the King County Radio Communications Services Board to establish Sound Transit as a user of the Regional 800 MHz trunked radio system.

### KEY FEATURES SUMMARY

- The King County Radio Communications Services Board constructs, owns, operates and maintains the King County portion of the regional 800 MHz trunked radio system on behalf of all eligible public users within the King County region.
- The 800 MHz trunked radio system is a public safety radio communications system that operates throughout King, Pierce, and Snohomish County. The system will enable communications with local jurisdictions for both transit and non-transit related emergency events.
- This agreement authorizes Sound Transit to join the King County Radio Communications Service Board's network and utilize its industry standard, state-of-the-art technology and capability.
- Board action is being requested through Motion No. M2013-70 to purchase equipment needed to utilize the regional 800 MHz trunked radio system.

### BACKGROUND

Communication is vital to the day-to-day operation and success of Sound Transit's security officers, modal duty officers, and station agents as they respond to day-to-day operations and emergency situations. Communication currently relies upon push-to-talk, single-point-to-single-point cellphones that are cumbersome and inefficient.

By joining the King County Regional 800 MHz Trunked Radio System, Sound Transit will have the highest level of public safety communications available and response capabilities that will enable communications with local jurisdictions as needed for both transit and non-transit related emergency events.

The FCC has designated 800 MHz systems as the public safety radio standard. The reliability of 800 MHz communication in the face of natural disasters, weather emergencies, or acts of terror was proven with such instances as the 2001 Nisqually earthquake, the 2010 ice storms, and the recent Boston Marathon bombing where radio communications worked and cellphone communications failed.

## FISCAL IMPACT

Under the proposed agreement, compensation would be based on total annual fully reconciled costs. Every year, the agencies will work together to develop a service plan and an estimated cost for the following year. The estimated cost will be included in Sound Transit's annual budget development process. Sound Transit will only pay King County the actual costs for providing the services based on an agreed upon cost allocation methodology.

The Service Delivery Budget, through the Radio Service line, funds these expenditures. Board adoption of the annual Service Delivery Budget authorizes the spending for only that year, based on the negotiated cost estimates between the King County and Sound Transit.

For 2013, the amount budgeted for the King County radio services was included in the Security Radio project. The Proposed 2014 Service Delivery budget will include \$50,000 for the service maintenance. The Proposed 2013 Budget will be brought to the Board for consideration in late 2013. Maintenance service for future years will be included in future annual budget requests.

## SMALL BUSINESS PARTICIPATION

As this is an intergovernmental agreement, a small business participation goal is not applicable to this procurement.

## EQUAL EMPLOYMENT WORKFORCE PROFILE

Not applicable to this action.

## PUBLIC INVOLVEMENT

Not applicable to this action.

## TIME CONSTRAINTS

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

## PRIOR BOARD/COMMITTEE ACTIONS

None.

## ENVIRONMENTAL REVIEW

JI 8/19/2013

## LEGAL REVIEW

JW 8/30/2013

**MOTION NO. M2013-71**

A motion of the Board of the Central Puget Sound Regional Transit Authority authorizing the chief executive officer to enter into an agreement with the King County Radio Communications Services Board to establish Sound Transit as a user of the Regional 800 MHz trunked radio system.

**BACKGROUND:**

The 800 MHz trunked radio system is a public safety radio communications system that operates throughout King, Pierce, and Snohomish County. The system will enable communications with local jurisdictions for both transit and non-transit related emergency events. The King County Radio Communications Services Board constructs, owns, operates and maintains the King County portion of the regional 800 MHz trunked radio system on behalf of all eligible public users within the King County region. This agreement authorizes Sound Transit to join the King County Radio Communications Service Board's network and utilize its industry standard, state-of-the-art technology and capability.

Communication is vital to the day-to-day operation and success of Sound Transit's security officers, modal duty officers, and station agents as they respond to day-to-day operations and emergency situations. Communication currently relies upon push-to-talk, single-point-to-single-point cellphones that are cumbersome and inefficient.

By joining the King County Regional 800 MHz Trunked Radio System, Sound Transit will have the highest level of public safety communications available and response capabilities that will enable communications with local jurisdictions as needed for both transit and non-transit related emergency events.

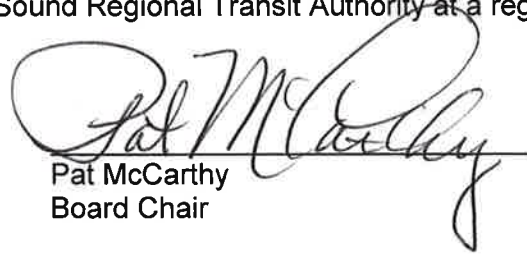
The FCC has designated 800 MHz systems as the public safety radio standard. The reliability of 800 MHz communication in the face of natural disasters, weather emergencies, or acts of terror was proven with such instances as the 2001 Nisqually earthquake, the 2010 ice storms, and the recent Boston Marathon bombing where radio communications worked and cellphone communications failed.

Board action is being requested through Motion No. M2013-70 to purchase equipment needed to utilize the regional 800 MHz trunked radio system.

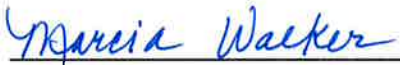
**MOTION:**

It is hereby moved by the Board of the Central Puget Sound Regional Transit Authority that the chief executive officer is authorized to enter into an agreement with the King County Radio Communications Services Board to establish Sound Transit as a user of the Regional 800 MHz trunked radio system.

APPROVED by the Board of the Central Puget Sound Regional Transit Authority at a regular meeting thereof held on October 24, 2013.

  
Pat McCarthy  
Board Chair

ATTEST:

  
\_\_\_\_\_  
Marcia Walker  
Board Administrator