

WASHOE COUNTY REGIONAL COMMUNICATIONS SYSTEM
Joint Operating Committee

STAFF REPORT

JOINT OPERATING COMMITTEE MEETING DATE: 04/15/2016

DATE: April 15, 2016

TO: WCRCS Joint Operating Committee (JOC)

FROM: Shawn Tayler,
Regional Communications Coordinator

THROUGH: Craig Betts, Chief Information Officer,
Washoe County Technology Services Department,
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SUBJECT: Authorize the Washoe County Regional Communications System Administrator to utilize existing Operations and Maintenance and/or Infrastructure funds to repair, replace, and upgrade the aging antenna systems of the WCRCS.

SUMMARY

The Washoe County Regional Communication System Administration seeks Authority to use existing Operations and Maintenance and/or Infrastructure funds to repair, replace, and upgrade the aging antenna systems of the WCRCS.

PREVIOUS ACTION

October 2014 – Agreed and accepted the Amended Washoe County Regional Communications System Interlocal Agreement:

Section 11.7 - WCTS shall be responsible for the maintenance, operation, and repair of the WCRCS microwave and radio frequency backbone required to keep it in sound operating condition in accordance with recognized standards for such facilities.

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BACKGROUND

The antennas systems installed at the WCRCS communications facilities have been exposed to severe weather since their installation in 2002. The WCRCS suffered the failure of 2 primary service antennas this past winter, more failures are expected. The Partnering Members of the Nevada Shared Radio System (NSRS)/WCRSC have decided that a combination of 700 and 800MHz frequencies will be used for the future P25 System upgrade. New antenna system designs are available to support both 700 and 800MHz with the same or better performance.

FISCAL IMPACT

These expenditures will span Fiscal Year (FY) 15/16, 16/17, and 17/18 and will not exceed [\$80,000] in any one fiscal year. There are sufficient funds within the adopted budgets for FY 15/16 and 16/17 for the Washoe County Regional Communication System, C210010 RCS Operations to support these expenditures.

Washoe County Regional Communication continues to aggressively investigate and negotiate all price quotes, and wherever possible, attempts to achieve the best pricing and/or alternative options to ensure reliable infrastructure at the least possible cost.

RECOMMENDATION

It is recommended that the Joint Operating Committee (JOC) authorize the System Administrator to make the necessary purchases to complete the repair and replacement of the aging WCRCS Infrastructure Antennas Systems within the next 3 Fiscal Years, not to exceed \$80,000 in any one Fiscal Year.

POSSIBLE MOTION

Should the JOC agree with staff's recommendation, a possible motion would be: "move to authorize the System Administrator to make the necessary purchases to complete the repair and replacement of the aging WCRCS Infrastructure Antennas Systems within the next 3 Fiscal Years, not to exceed \$80,000 in any one Fiscal Year."