



Amendments to the Washoe County Regional Communications System Interlocal Agreement

800 MHz Joint Operating
Committee Meeting
July 20, 2018





WCRCS Amendment

- Section 12.2 is split into multiple subsections:
 - 12.2.1 is the former 12.2 – with a minor change:

Ongoing operating, maintenance, repair, and capital outlay costs for the radio frequency and microwave backbone shall be shared equitably by the participating and sponsored agencies and shall be based on the proportionate number of radios in use by each the participating and sponsored agencyies as a percentage of the total number of radios in use by all agencies participating in the WCRCS. These numbers are to be determined by the System Administrator each Fiscal Year.

- 12.2.1 Specifies how costs are allocated for operational expenses for current EDACS system.



WCRCS Amendment

■ 12.2.2 Details

- Washoe County has legal ownership and fiscal control and responsibility for the P25 system.
- Washoe County shall pay for the P25 System.
- Agencies agree that Washoe County has the right to recover costs for the P25 system.
- Based on the cost of the P25 system Washoe County will bill Participating and Sponsored agencies for the costs of building the P25 system.
- System construction costs will be billed in addition to operational costs.



WCRCS Amendment

■ 12.2.3 Details

- Specifies how costs will be allocated for operational expenses for the new P25 system.
- Operational costs of P25 system will be billed in addition to P25 system construction costs and EDACS operational costs.
- Washoe County does not anticipate operations costs to substantially increase during or after the transition to the P25 radio system.



WCRCS Amendment

FY 2022 - Annual per-radio cost example with hypothetical numbers

Annual per-radio cost calculation			
EDACS Operational cost	P25 Construction cost	P25 Operations Cost	Total cost
\$195	\$500	\$100	\$795

FY 2026 - Annual per-radio cost example with hypothetical numbers

Annual per-radio cost calculation			
EDACS Operational cost	P25 Construction cost	P25 Operations Cost	Total cost
\$0	\$500	\$300	\$800

For discussion purposes only



NSRS – System Cost Estimate

- Washoe County Regional Communications System:
 - \$12.5 – 20.5 M

Description	Low cost Estimate	High Cost Estimate
Equipment Total	\$5,800,000	\$8,000,000
Services	\$3,200,000	\$4,000,000
Additional Sites - Greenfield	\$3,500,000	\$8,500,000
Total	\$12,500,000	20,500,000

*****For discussion purposes only*****



Agency Costs for P25 System – High and Low Estimates

Agency	System Low Estimate	System High Estimate	Radio Estimate *
Nevada Air National Guard	\$90,000	\$140,000	\$122,300
Reno-Tahoe Airport Authority	\$660,000	\$1,070,000	\$923,000
Drug Enforcement Administration	\$70,000	\$120,000	\$31,500
Federal Bureau of Investigations	\$60,000	\$100,000	\$550
Incline Village General Improvement District	\$10,000	\$10,000	\$14,500
North Lake Tahoe Fire Protection District	\$250,000	\$410,000	\$400,000
Carson City Fire Department	\$10,000	\$10,000	\$29,000
Pyramid Lake Paiute Tribe	\$230,000	\$370,000	\$325,000
REMSA	\$60,000	\$90,000	\$95,000
Reno, City of	\$2,890,000	\$4,730,000	\$2,375,000
Reno-Sparks Indian Colony	\$150,000	\$240,000	\$161,000
Sparks, City of	\$1,200,000	\$1,960,000	\$790,000
Truckee Meadows Fire Protection District	\$920,000	\$1,510,000	\$510,000
Truckee Meadows Water Authority	\$160,000	\$250,000	\$462,000
University of Nevada, Reno	\$170,000	\$280,000	\$225,000
University of Nevada, Reno - TMCC	\$70,000	\$100,000	\$67,000
US Department of Veterans Affairs Police	\$10,000	\$10,000	\$30,000
Washoe County School District	\$2,360,000	\$3,870,000	\$2,275,000
Washoe County	\$3,230,000	\$5,290,000	\$4,200,000

** Radio costs are the responsibility of each agency and are separate from system financing.*

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FY20 P25 System Costs - Estimate

P25 System Construction Costs in addition to operational costs:

Low Estimate

Financing Amount	Period (years)	Number of Radios		Debt payment per radio/year	plus Operations cost	Annual per radio cost
\$12,500,000	10	6,148	=	\$203.32	+ \$260	= \$463.32

High Estimate

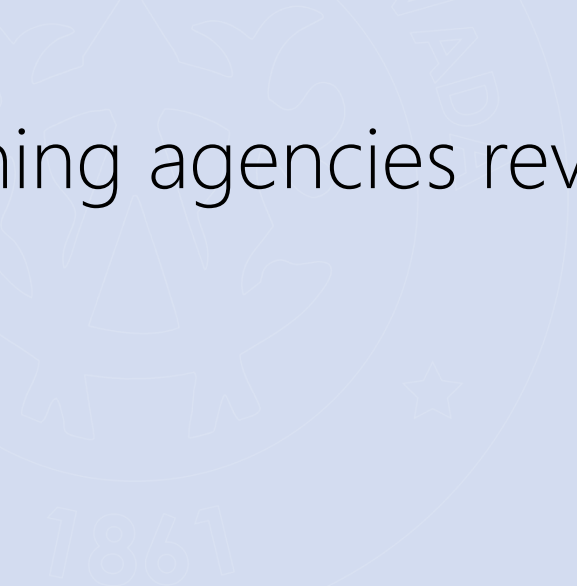
Financing Amount	Period (years)	Number of Radios		Debt payment per radio/year	plus Operations cost	Annual per radio cost
\$20,500,000	10	6,148	=	\$333.44	+ \$260	= \$593.44

*****For discussion purposes only*****



WCRCS Amendment

- 7-19-2108 – 800MHz Users Committee recommended to advance the amendment.
- Next Steps:
 - Original governing agencies review amendment.





WCRCS Amendment

- Questions?

