



WASHOE COUNTY

Integrity Communication Service

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STAFF REPORT

MEETING DATE: October 19th, 2023

DATE: Tuesday, October 17, 2023

TO: 800 MHz Joint Operating Committee

FROM: Melissa Lawney, Regional Communications Coordinator, Washoe County Technology Services, 775-858-5952, mlawney@washoecounty.gov

THROUGH: Quinn Korbolic, IT Manager, Regional Technology Services, Washoe County

SUBJECT: Recommendation to approve expenditures from the Washoe County Regional Communications System Operations Fund for the purchase Heating Ventilation and Air Conditioning (HVAC) units at the Peavine and Virginia Peak radio sites for a cost not to exceed [\$103,490].

SUMMARY

Recommendation to approve expenditures from the Washoe County Regional Communications System Operations Fund for the purchase Heating Ventilation and Air Conditioning (HVAC) units at the Peavine and Virginia Peak radio sites for a cost not to exceed [\$103,490].

Virginia Peak is located just north of Spanish Springs, NV. It serves radio coverage along pyramid Highway for Spanish Springs, the Palomino Valley, Sparks, and some of the Pyramid Lake Tribal areas. This radio site has good radio coverage and is an integral piece of the Washoe County Regional Communication System. The HVAC unit was deemed unrepairable by two air conditioning companies (Roper and RHP), and requires replacement of both units. The cost of each unit (which includes installation) is \$24,699. The current units are 3-Ton units. The cost of two units totals \$49,398.

Peavine Peak is located Southeast of Cold Springs Nevada. The radio site on Peavine Peak covers Highway 395 from Cold Springs and western side of the city of Reno. The Peavine Peak radio site is part of Washoe County Simulcast, and is a critical coverage site for the System. Due to the power consumption, and heat rating of the new P25 System, it is being recommended to update the existing 5-Ton units to 6 tons units to accommodate the new requirements. One of the Peavine Peak HVAC units sustained severe winter damage this year after our rough winter storms, rendering one unit completely unrepairable. The cost of each unit which included the upgrade installation costs is \$27,046. The costs of two units totals \$54,092.

Washoe County Strategic Objective supported by this item: Long-term Sustainability and delivery of efficient regional Services.

AGENDA ITEM # _____

PREVIOUS ACTION

Not Applicable

BACKGROUND

The Washoe County Regional Communication System (WCRCS) is standardizing equipment across all operations. This will enable our team to re-use parts and will help keep maintenance knowledge continuity. Our power load has increased with the New P25 equipment, requiring the update of equipment within our communications shelters.

Safety is the primary reason for HVAC unit replacement. HVAC units keep our radios and infrastructure equipment cool in the summer and heat the building in the winter to allow equipment to be under the right environmental conditions to run properly. Public safety lives depend on radio communications, and community lives depend on the ability for public safety to communicate.

FISCAL IMPACT

The Fiscal Year 2023-2024 Budget has sufficient budget authority in Washoe County Regional Communication System (210) in RCS Infrastructure (210300), Equipment Capital (781004) in an amount of [\$103,490].

RECOMMENDATION

Recommendation to approve expenditures from the Washoe County Regional Communications System Operations Fund for the purchase Heating Ventilation and Air Conditioning (HVAC) units at the Peavine and Virginia Peak radio sites for a cost not to exceed [\$103,490].

POSSIBLE MOTION

Should the Joint Operating Committee agree with staff's recommendation, a possible motion would be:

“Move to approve expenditures from the Washoe County Regional Communications System Operations Fund for the purchase Heating Ventilation and Air Conditioning (HVAC) units at the Peavine and Virginia Peak radio sites for a cost not to exceed [\$103,490].”