



WASHOE COUNTY

Integrity Communication Service

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STAFF REPORT

MEETING DATE: February 3, 2023

DATE: Monday, January 30, 2023

TO: 800 MHz Joint Operating Committee

FROM: Quinn Korbolic, Regional Services IT Manager, Washoe County
Technology Services, 775-328-2348, qkorbolic@washoecounty.gov

THROUGH: Behzad Zamanian, Chief Information Officer, Washoe County

SUBJECT: Recommendation that the 800 MHz Joint Operating Committee review the Washoe County Regional Communication System (WCRCS) Fiscal Year 2023-2024 Budget and recommend that the Washoe County Board of County Commissioners approve the budget; as recommended by the 800 MHz Users Committee on December 15th, 2022.

SUMMARY

The proposed FY24 WCRCS budget is based both on the fiscal year 2022 – 2023 budget with projected in benefits and overhead and the WCRCS five-year maintenance and replacement plan. The budget presented includes four and three-quarters FTE positions and all other costs related to operations and maintenance of the 800Mhz and P25 Public Safety Radio Systems.

The fiscal year 2023-2024 budget agency cost allocation is based on each agency's proportional share of the total number of active radios on the WCRCS system during fiscal year 2022.

Please see the attached budget worksheets. Budget worksheet 1 details the operations and Maintenance budget including explanatory notes on specific budget lines. Budget Worksheet 2 details each agency's Operations and Maintenance contribution with three different options for contributions to ongoing system infrastructure costs.

WCRCS FY23/24 Proposed Budget Highlights

Overview of Budget Proposal:

- Total Radio Count increase of 208.5
- 2.6% Operations budget increase over FY22 - 23.
- Staff continues to recommend the 10% contribution for Infrastructure enhancement.
 - Cost per radio *decrease* of \$1.29 per radio per year to \$255.71 (Operations only).

Operations:

- Total Operations Budget: \$1,811,731.69
- Operations Budget increase: \$44,442.50
- Covers 4.75 FTE staff including the Regional Communications Coordinator, a Sr. Network Engineer, and two Network Engineers.
- Includes funding for new crew vehicle.

AGENDA ITEM # _____

PREVIOUS ACTION

On January 21, 2022, the 800MHz Joint Operating Committee reviewed the Washoe County Regional Communication System (WCRCS) Fiscal Year 2022-2023 Budget and recommended that the Board of County Commissioners approve the budget.

The 800 MHz Joint Operating Committee annually reviews the Washoe County Regional Communication System (WCRCS) budget and has consistently recommended that the Board of County Commissioners approve the budget.

BACKGROUND

The Washoe County Regional Communication System Interlocal Agreement, as amended in October 2014, provides authority for the 800 MHz Joint Operating Committee to approve each fiscal year's operating and maintenance budget for the WCRCS microwave and radio frequency backbone.

FISCAL IMPACT

The Fiscal Year 2023/2024 Washoe County Regional Communication System budget identifies planned expenses and capital outlays for the coming fiscal year. The Fiscal Year 2023/2024 budget would appropriate \$1,811,731.69 for spending.

RECOMMENDATION

Recommendation that the 800 MHz Joint Operating Committee review the Washoe County Regional Communication System (WCRCS) Fiscal Year 2023-2024 Budget and recommend that the Washoe County Board of County Commissioners approve the budget.

POSSIBLE MOTION

Should the Committee agree with the recommendation, a possible motion would be:
"Move to recommend that the Board of County Commissioners approve the Washoe County Regional Communication System (WCRCS) Fiscal Year 2023-2024 Budget."

Budget worksheet 1

 Washoe County Regional Communications System Preliminary Operations Budget Proposal Fiscal Year 2023 - 2024							
2019-20 Actual	2020-21 Actual	2021-22 Actual	2022-2023 Plan	2023-2024 Proposed	Accounts	Change	Notes
\$ (1,589,262.09)	\$ (1,603,528.83)	\$ (1,643,054.99)	\$ (1,767,289.19)	\$ (1,811,731.69)	433300 Local Govt-Oper Cost	\$ (44,442.50)	
\$ (1,589,262.09)	\$ (1,603,528.83)	\$ (1,643,054.99)	\$ (1,767,289.19)	\$ (1,811,731.69)	* Intergovernmental	\$ (44,442.50)	
\$ (10,058.01)	\$ (8,509.32)	\$ (8,256.50)	\$ (5,000.00)	\$ (5,000.00)	481000 Interest-Pooled Inv.	\$ -	
\$ (2,449.98)	\$ (1,985.19)	\$ (1,812.96)			482100 RGL Pooled Invest.	\$ -	
\$ (14,405.84)	\$ 11,138.04	\$ 61,967.08			482200 URGL Pooled Inv.	\$ -	
	\$ (18,581.33)	\$ (3,481.00)			485100 Reimbursements	\$ -	
\$ (26,913.83)	\$ (17,937.80)	\$ 48,416.62	\$ (5,000.00)	\$ (5,000.00)	* Miscellaneous	\$ -	
\$ (1,616,175.92)	\$ (1,621,466.63)	\$ (1,594,638.37)	\$ (1,772,289.19)	\$ (1,816,731.69)	** Revenue	\$ (44,442.50)	
\$ 382,300.27	\$ 385,670.93	\$ 344,120.64	\$ 402,527.65	\$ 458,009.99	701110 Base Salaries	\$ 55,482.34	Salaries & Benefits for 5 FTE positions and an intermittent intern, including the Regional Communications Coordinator, a Sr. Network Engineer and 3 Network Engineers
\$ 5,650.00	\$ 4,796.15	\$ 3,778.82	\$ 3,475.00	\$ 8,750.00	701200 Incentive Longevity	\$ 5,275.00	
\$ 5,116.50	\$ 3,928.50	\$ -	\$ 14,728.35		701130 Pooled Positions	\$ (14,728.35)	
\$ 4,910.39	\$ 25,332.46	\$ 19,820.36	\$ 5,250.00	\$ 5,250.00	701300 Overtime	\$ -	
\$ -	\$ -	\$ -	\$ 500.00		701140 Holiday Work	\$ (500.00)	
\$ 38,005.86	\$ 38,754.42	\$ 36,886.30	\$ 39,000.00	\$ 39,000.00	701406 Standby Pay	\$ -	
\$ -	\$ -	\$ 3,850.34	\$ -		701413 Vac Payout/Sick Pay-Term	\$ -	
\$ 767.37	\$ 1,371.76	\$ 683.59	\$ 6,500.00	\$ 6,500.00	701408 Call Back	\$ -	
	\$ 4,028.41	\$ 1,925.36			701414 Vacation Denied-Payoff	\$ -	
	\$ 12,861.58	\$ 513.72			701417 Comp Time	\$ -	
			\$ 104,157.60		701412 Salary Adjustment	\$ (104,157.60)	Benefit increases due to increase in health insurance premium increase, retirement increase.
\$ 436,750.39	\$ 532,887.28	\$ 411,579.13	\$ 576,138.60	\$ 517,509.99	* Salaries and Wages	\$ (58,628.61)	
\$ 52,993.01	\$ 46,706.73	\$ 38,498.32	\$ 42,322.54	\$ 55,055.48	705110 Group Insurance	\$ 12,732.94	
\$ 6,500.00	\$ 9,730.80	\$ 7,653.88	\$ 8,500.00	\$ 9,687.50	705115 ER HSA Contributions	\$ 1,187.50	
\$ 38,860.00	\$ 32,439.36	\$ 21,235.00	\$ 12,117.00	\$ 13,328.70	705190 OPEB Contribution	\$ 1,211.70	
\$ 124,356.57	\$ 125,547.45	\$ 114,283.00	\$ 120,785.75	\$ 155,583.52	705210 Retirement	\$ 34,797.77	
\$ 5,902.04	\$ 7,327.97	\$ 5,639.57	\$ 5,560.31	\$ 6,495.83	705230 Medicare April 1986	\$ 935.52	
\$ 3,242.57	\$ 3,110.75	\$ 3,113.97	\$ 3,417.64	\$ 1,764.35	705320 Workmens Comp	\$ (1,653.29)	
\$ 330.83	\$ 406.86	\$ 308.26	\$ 337.36	\$ 374.40	705330 Unempty Comp	\$ 37.04	
			\$ 46,284.30		705360 Benefit Adjustment	\$ (46,284.30)	
\$ 232,185.02	\$ 225,269.92	\$ 190,732.00	\$ 239,324.90	\$ 242,289.78	* Employee Benefits	\$ 2,964.88	
\$ 25,655.50	\$ 66,224.75	\$ 121,926.44	\$ 150,000.00	\$ 160,000.00	710100 Professional Services	\$ 10,000.00	Technical support: site and simulcast alignment; planning support; legal support; Project Management
\$ 259.79	\$ 460.63	\$ 631.16	\$ 325.00	\$ 700.00	710149 Invest Pool Alloc Ex	\$ 375.00	
\$ 9,030.00	\$ 630.00	\$ 4,830.00	\$ -		710200 Service Contract	\$ -	Regualr service for generators and security systems
\$ 139,998.05	\$ (25,763.80)	\$ 67,874.33	\$ 55,000.00	\$ 81,000.00	710205 Repairs and Maintenance	\$ 26,000.00	Tower inspections and repairs; A/C maintenance
\$ 116,210.44	\$ 113,630.87	\$ 117,856.80	\$ 120,000.00	\$ 120,000.00	710210 Software Maintenance	\$ -	EDACS & VIDA Core software maintenance & Priority
\$ 5,460.45	\$ 199.95	\$ 199.95	\$ 5,500.00	\$ 200.00	710212 Software Subscription	\$ (5,300.00)	Software support, Asett Management Software
\$ 656.22	\$ 2,470.98	\$ 1,000.14	\$ -	\$ 1,000.00	710300 Operating Supplies	\$ 1,000.00	
\$ 2,670.53	\$ 1,603.88	\$ 2,971.26	\$ 3,000.00	\$ 5,000.00	710302 Small Tools & Allow	\$ 2,000.00	
\$ 41,153.37	\$ 36,381.94	\$ 41,168.32	\$ 55,000.00	\$ 55,000.00	710310 Parts and Supplies	\$ -	Various
\$ 149.95	\$ -	\$ -	\$ -		710334 Copy Mach-Lease Exp	\$ -	
\$ 4,023.07	\$ 932.00	\$ 1,328.06	\$ 1,000.00	\$ 1,000.00	710350 Office Supplies	\$ -	
\$ -	\$ -	\$ -	\$ 500.00	\$ 500.00	710355 Books and Subscriptions	\$ -	
\$ 22.69	\$ 194.12	\$ 146.39	\$ 250.00	\$ 250.00	710360 Postage	\$ -	
\$ -	\$ -	\$ 21.39	\$ 400.00	\$ 400.00	710361 Express and Courier	\$ -	
	\$ -	\$ -	\$ -		710400 Pmts to O Agencies	\$ -	
	\$ -	\$ -	\$ -		710501 Radio Equipment Install	\$ -	
\$ 801.50	\$ -	\$ -	\$ -		710502 Printing	\$ -	
	\$ -	\$ -	\$ 1,500.00		710505 Rental Equipment	\$ (1,500.00)	
\$ -	\$ -	\$ -	\$ 2,300.00	\$ 2,300.00	710503 Licenses & Permits	\$ -	
\$ -	\$ 150.00	\$ -	\$ 200.00	\$ 200.00	710506 Dept Insurance Deductible	\$ -	
\$ 3,441.38	\$ 6,508.49	\$ 3,740.76	\$ 6,600.00	\$ 4,000.00	710507 Network and Data Lines	\$ (2,600.00)	System/Site network services
\$ 2,792.22	\$ 2,780.22	\$ 2,816.60	\$ 3,000.00	\$ 3,000.00	710508 Telephone Land Lines	\$ -	System/Site Telecom services
\$ -	\$ 3,180.00	\$ 2,997.00	\$ 6,000.00	\$ 6,000.00	710509 Seminars and Meetings	\$ -	
\$ -	\$ -	\$ -	\$ 100.00	\$ 100.00	710512 Auto Expense	\$ -	
\$ 2,549.84	\$ 2,605.41	\$ 3,362.42	\$ 3,000.00	\$ 3,500.00	710519 Cellular Phone	\$ 500.00	
\$ 94.00	\$ -	\$ -	\$ 500.00	\$ 500.00	710529 Dues	\$ -	
	\$ -	\$ -	\$ -		710552 Moving Costs	\$ -	
\$ -	\$ 1,120.16	\$ 15,243.26	\$ 800.00	\$ 1,500.00	710571 Safety Expense	\$ 700.00	
\$ 1,272.30	\$ 1,562.75	\$ 2,080.19	\$ 1,600.00	\$ 1,600.00	710594 Insurance Premium	\$ -	
\$ 218,366.57	\$ 75,002.81	\$ 151,868.99	\$ 149,612.55	\$ 180,000.00	710610 LT Lease-Land/Parking	\$ 30,387.45	Site/Land Leases
\$ 57,116.54	\$ 66,643.02	\$ 61,758.32	\$ 67,000.00	\$ 70,000.00	711010 Utilities	\$ 3,000.00	Site Electricity
\$ -	\$ -	\$ -	\$ -		711040 Natural Gas	\$ -	
\$ 8,160.00	\$ 5,040.00	\$ 5,168.00	\$ 4,752.00	\$ 5,227.20	711100 ESD Asset Management	\$ 475.20	Administrative Services for Vehicles and equipment
\$ 18,924.48	\$ 24,980.28	\$ 25,430.28	\$ 24,980.29	\$ 27,478.32	711113 Equip Srv Replace	\$ 2,498.03	Vehicle replacement fees
\$ 17,776.24	\$ 16,798.24	\$ 11,653.01	\$ 18,505.00	\$ 20,355.50	711114 Equip Srv O & M	\$ 1,850.50	Vehicle maintenance a repair
\$ 8,102.46	\$ 5,350.64	\$ 7,536.93	\$ 6,110.66	\$ 15,000.00	711117 ESD Fuel Charge	\$ 8,889.34	
\$ 2,512.00	\$ 2,512.00	\$ -	\$ -		711119 Prop & Liab Billings	\$ -	
\$ 3,109.73	\$ 661.10	\$ 9,860.67	\$ 12,000.00	\$ 12,000.00	711210 Travel	\$ -	
\$ 38,821.00	\$ 42,703.00	\$ 46,973.00	\$ 54,019.00	\$ 59,420.90	711400 Overhead - General Fund	\$ 5,401.90	County Building use and maintenance; Human Resources; Tech Services, etc.
\$ 3,691.29	\$ -	\$ 15,228.00	\$ -		711502 Build Imp nonCapital	\$ -	
\$ 50,492.41	\$ 38,387.94	\$ 38,613.23	\$ 65,000.00	\$ 65,000.00	711504 Equipment nonCapital	\$ -	Freedom Test Set
	\$ 9,893.38	\$ -	\$ -		711507 Vehicles nonCapital	\$ -	
\$ 7,131.97	\$ 1,078.08	\$ 3,769.04	\$ 500.00	\$ 2,000.00	711508 Computers nonCapital	\$ 1,500.00	
\$ 467.49	\$ 8,392.88	\$ 89.99	\$ 2,700.00	\$ 2,700.00	711509 Comp Sftw nonCap	\$ -	
\$ 17,430.50	\$ 15,130.00	\$ 9,581.37	\$ 8,000.00	\$ 10,000.00	711510 Comm Eq nonCapital	\$ 2,000.00	
\$ 808,343.98	\$ 527,445.72	\$ 777,725.30	\$ 829,754.50	\$ 916,931.92	* Services and Supplies	\$ 87,177.42	
				\$ 75,000.00	781007 Vehicles Capital	\$ 75,000.00	Vehicle for new staff
\$ 31,093.12	\$ 39,258.60	\$ 15,062.75	\$ 120,000.00	\$ 60,000.00	781004 Equipment Capital	\$ (60,000.00)	Generator
\$ 31,093.12	\$ 39,258.60	\$ 15,062.75	\$ 120,000.00	\$ 135,000.00	* Capital Outlay	\$ 15,000.00	
\$ 1,508,372.51	\$ 1,324,861.52	\$ 1,395,099.18	\$ 1,765,218.00	\$ 1,811,731.69	** Expenses	\$ 46,513.69	

Budget worksheet 2

Washoe County Regional Communication System Fiscal Year 2024 Budget Worksheet - Agency Cost Allocation for Operations Maintenance

FY24 Washoe County Regional Communications System Budget Comparison FY23 vs FY24	Active Radio Count Comparison - by fiscal year						Operations Contribution Comparison						FY22 to FY23 Differences			
	FY22/23	FY23/24				Radio Count increase or decrease	FY22/23		FY23/24							
							Operations Finalized	FY21 Payment: 10% Infrastructure added to Ops	Proposed Operations Contribution	Plus 5% to Infrastructure	Plus 10% to Infrastructure	Plus 20% to Infrastructure	Operations Only Difference	Plus 5% to Infrastructure	Plus 10% to Infrastructure	Plus 20% to Infrastructure
		EDACS	P25	BEON	Total											
Nevada Air National Guard	30	30			30.0	0.0	\$7,710.13	\$8,481.14	\$7,671.41	\$ 8,054.98	\$ 8,438.55	\$ 9,205.69	(\$809.73)	(\$426.16)	(\$42.58)	\$724.56
Reno-Tahoe Airport Authority	281.5	234	45		286.5	5.0	\$72,346.67	\$79,581.34	\$73,261.98	\$ 76,925.08	\$ 80,588.18	\$ 87,914.38	(\$6,319.36)	(\$2,656.26)	\$1,006.84	\$8,333.03
Drug Enforcement Administration	26	26			26.0	0.0	\$6,682.11	\$7,350.32	\$6,648.56	\$ 6,980.98	\$ 7,313.41	\$ 7,978.27	(\$701.76)	(\$369.33)	(\$36.91)	\$627.95
Federal Bureau of Investigations	33	31			31.0	(2.0)	\$8,481.14	\$9,329.25	\$7,927.13	\$ 8,323.48	\$ 8,719.84	\$ 9,512.55	(\$1,402.13)	(\$1,005.77)	(\$609.41)	\$183.30
Incline Village General Improvement District	4	4			4.0	0.0	\$1,028.02	\$1,130.82	\$1,022.85	\$ 1,074.00	\$ 1,125.14	\$ 1,227.43	(\$107.96)	(\$56.82)	(\$5.68)	\$96.61
North Lake Tahoe Fire Protection District	109	101		16	109.0	0.0	\$28,013.45	\$30,814.80	\$27,872.80	\$ 29,266.43	\$ 30,660.07	\$ 33,447.35	(\$2,942.01)	(\$1,548.37)	(\$154.73)	\$2,632.55
Carson City Fire Department	11	11			11.0	0.0	\$2,827.05	\$3,109.75	\$2,812.85	\$ 2,953.49	\$ 3,094.14	\$ 3,375.42	(\$296.90)	(\$156.26)	(\$15.61)	\$265.67
Nevada Shared Radio System	1602	1602			1,602.0	0.0	\$411,720.68	\$452,892.75	\$409,653.38	\$ 430,136.04	\$ 450,618.71	\$ 491,584.05	(\$43,239.38)	(\$22,756.71)	(\$2,274.04)	\$38,691.30
Pyramid Lake Paiute Tribe	85	85			85.0	0.0	\$21,845.35	\$24,029.89	\$21,735.67	\$ 22,822.45	\$ 23,909.23	\$ 26,082.80	(\$2,294.22)	(\$1,207.44)	(\$120.66)	\$2,052.91
REMSA	27	27	22		49.0	22.0	\$6,939.11	\$7,633.02	\$12,529.97	\$ 13,156.47	\$ 13,782.97	\$ 15,035.97	\$4,896.95	\$5,523.45	\$6,149.95	\$7,402.94
Reno, City of	1181.5	1089	220	11	1,314.5	133.0	\$303,650.43	\$334,015.47	\$336,135.68	\$ 352,942.47	\$ 369,749.25	\$ 403,362.82	\$2,120.21	\$18,926.99	\$35,733.78	\$69,347.35
Reno-Sparks Indian Colony	59	65			65.0	6.0	\$15,163.25	\$16,679.57	\$16,621.39	\$ 17,452.46	\$ 18,283.53	\$ 19,945.67	(\$58.18)	\$772.89	\$1,603.96	\$3,266.10
Sparks, City of	457	462		2	463.0	6.0	\$117,450.91	\$129,196.00	\$118,395.45	\$ 124,315.22	\$ 130,235.00	\$ 142,074.54	(\$10,800.55)	(\$4,880.77)	\$1,039.00	\$12,878.54
Truckee Meadows Fire Protection District	338	334		14	341.0	3.0	\$86,867.41	\$95,554.15	\$87,198.38	\$ 91,558.30	\$ 95,918.22	\$ 104,638.05	(\$8,355.77)	(\$3,995.85)	\$364.06	\$9,083.90
Truckee Meadows Water Authority	105	105			105.0	0.0	\$26,985.44	\$29,683.98	\$26,849.94	\$ 28,192.44	\$ 29,534.93	\$ 32,219.93	(\$2,834.04)	(\$1,491.54)	(\$149.05)	\$2,535.95
University of Nevada, Reno	68	70			70.0	2.0	\$17,476.28	\$19,223.91	\$17,899.96	\$ 18,794.96	\$ 19,689.96	\$ 21,479.95	(\$1,323.95)	(\$428.95)	\$466.04	\$2,256.04
US Department of Veterans Affairs Police	22	22			22.0	0.0	\$5,654.09	\$6,219.50	\$5,625.70	\$ 5,906.99	\$ 6,188.27	\$ 6,750.84	(\$593.80)	(\$312.51)	(\$31.23)	\$531.34
Washoe County School District	927.5	782	167		949.0	21.5	\$238,371.37	\$262,208.51	\$242,672.32	\$ 254,805.93	\$ 266,939.55	\$ 291,206.78	(\$19,536.19)	(\$7,402.57)	\$4,731.04	\$28,998.28
Washoe County	1510	1433	81	16	1,522.0	12.0	\$388,076.30	\$426,883.93	\$389,196.28	\$ 408,656.09	\$ 428,115.91	\$ 467,035.53	(\$37,687.65)	(\$18,227.84)	\$1,231.98	\$40,151.60
Total	6876.5	6,513.0	535.0	74.0	7,085.0	208.5										
							\$ 1,767,289.19	\$1,944,018.11	\$1,811,731.69	\$1,902,318.27	\$1,992,904.86	\$2,174,078.03	(\$132,286.42)	\$ (41,699.83)	\$ 48,886.75	\$ 362,346.34
Cost Per Radio							\$257.00	\$282.70	\$255.71	\$268.50	\$281.29	\$306.86				
							Current Cost		Cost per radio annually for FY23							