



WASHOE COUNTY

Integrity Communication Service

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STAFF REPORT

MEETING DATE: January 21, 2022

DATE: Thursday, December 30, 2021
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: A review, discussion, and possible action to approve the Washoe County
Regional Communication System (WCRCS) Fiscal Year 2022-2023
Budget and recommend that the Board of County Commissioners
approve the budget.

SUMMARY

The presented FY23 WCRCS budget is based both on the fiscal year 2021 – 2022 budget with projected increases in Salaries, Benefits and Overhead and the WCRCS five-year maintenance and replacement plan. The budget presented includes the addition of one (1) full-time-equivalent (FTE) network engineer position and was recommended by the 800 MHz Users Committee on December 9, 2021.

The fiscal year 2022-2023 budget agency cost allocation is based on each agency's respective share of the total number of active radios on the WCRCS system during fiscal year 2021.

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 options including the 10% Infrastructure contribution.

AGENDA ITEM # _____

WCRCS FY22/23 Proposed Budget Highlights +1 FTE

Overview of Budget Proposal:

- Total Radio Count increase of 383
- 8.5% Operations budget increase over FY21 - 22.
- Staff continues to recommend the 10% contribution for Infrastructure enhancement.
 - Cost per radio increase of \$2.52 per radio per year to \$282.70.

Operations:

- Total Operations Budget: \$1,767,289.19
- Operations Budget increase: \$113,293.67
- Covers 5 FTE staff including the Regional Communications Coordinator, a Sr. Network Engineer, and two Network Engineers.
- Operations account balance as of October 11, 2021: \$1,043,165
- FY21 unspent Operations Budget amount: \$314,128.18

Infrastructure:

- Staff will continue to recommend infrastructure contributions at 10% of the operations budget.
- Infrastructure account balance: \$1,108,791
 - \$905,000 is budgeted in FY22
- Expansion account balance: \$179,145

Budget worksheet 1

 Washoe County Regional Communications System Preliminary Operations Budget Proposal +1 FTE Fiscal Year 2022 - 2023							
2018-19 Actual	2019-20 Actual	2020-21 Actual	2021-22 Planned	2022-2023 Proposed	Accounts	Change	Notes
\$ (1,562,387.21)	\$ (1,589,262.09)	\$ (1,603,528.83)	\$ (1,634,677.10)	\$ (1,767,289.19)	433300 Local Govt-Oper Cost	\$ (132,612.09)	
\$ (1,562,387.21)	\$ (1,589,262.09)	\$ (1,603,528.83)	\$ (1,634,677.10)	\$ (1,767,289.19)	* Intergovernmental	\$ (132,612.09)	
\$ (5,882.34)	\$ (10,058.01)	\$ (8,509.32)	\$ (5,000.00)	\$ (5,000.00)	481000 Interest-Pooled Inv.	\$ -	
\$ (538.86)	\$ (2,449.98)	\$ (1,985.19)			482100 RGL Pooled Invest.	\$ -	
\$ (8,179.23)	\$ (14,405.84)	\$ 11,138.04			482200 URGL Pooled Inv.	\$ -	
		\$ (18,581.33)			485100 Reimbursements	\$ -	
\$ (14,600.43)	\$ (26,913.83)	\$ (17,937.80)	\$ (5,000.00)	\$ (5,000.00)	* Miscellaneous	\$ -	
\$ (1,576,987.64)	\$ (1,616,175.92)	\$ (1,621,466.63)	\$ (1,639,677.10)	\$ (1,772,289.19)	** Revenue	\$ (132,612.09)	
\$ 360,464.12	\$ 382,300.27	\$ 385,670.93	\$ 395,503.25	\$ 491,958.50	701110 Base Salaries	\$ 96,455.25	Salaries & Benefits for 5 FTE positions and an intermittant intern, including the Regional Communications Coordinator, a Sr. Network Engineer and 3 Network Engineers
\$ 4,950.00	\$ 5,650.00	\$ 4,796.15	\$ 3,150.00	\$ 3,475.00	701200 Incentive Longevity	\$ 325.00	
	\$ 5,116.50	\$ 3,928.50	\$ 14,728.35	\$ 14,728.35	701130 Pooled Positions	\$ -	
\$ 3,585.58	\$ 4,910.39	\$ 25,332.46	\$ 5,250.00	\$ 5,250.00	701300 Overtime	\$ -	
\$ -	\$ -	\$ -	\$ 500.00		701140 Holiday Work	\$ (500.00)	
\$ 32,226.25	\$ 38,005.86	\$ 38,754.42	\$ 33,000.00	\$ 39,000.00	701406 Standby Pay	\$ 6,000.00	Salary increases due to Cost of Living (COLA) increases and merit-based increases.
	\$ -	\$ 56,143.07	\$ -	\$ -	701413 Vac Payout/Sick Pay-Term	\$ -	
\$ 1,026.95	\$ 767.37	\$ 1,371.76	\$ 6,500.00	\$ 6,500.00	701408 Call Back	\$ -	
	\$ -	\$ -	\$ -		701412 Salary adjustment	\$ -	
		\$ 4,028.41	\$ -		701414 Vacation Denied-Payoff	\$ -	
		\$ 12,861.58	\$ -		701417 Comp Time	\$ -	Benefit increases due to increase in health insurance premium increase, retirement increase.
\$ 402,252.90	\$ 436,750.39	\$ 532,887.28	\$ 458,631.60	\$ 560,911.85	* Salaries and Wages	\$ 102,280.25	
\$ 49,991.20	\$ 52,993.01	\$ 46,706.73	\$ 42,322.54	\$ 57,283.04	705110 Group Insurance	\$ 14,960.50	
\$ 7,192.36	\$ 6,500.00	\$ 9,730.80	\$ 8,500.00	\$ 10,500.00	705115 ER HSA Contributions	\$ 2,000.00	
\$ 42,682.23	\$ 38,860.00	\$ 32,439.36	\$ 21,235.00	\$ 22,296.75	705190 OPEB Contribution	\$ 1,061.75	
\$ 111,493.25	\$ 124,356.57	\$ 125,547.45	\$ 118,500.86	\$ 147,392.70	705210 Retirement	\$ 28,891.84	Standby Pay "right-sized" based on last two years (FY20 & FY21).
\$ 5,425.78	\$ 5,902.04	\$ 7,327.97	\$ 5,449.97	\$ 6,865.83	705230 Medicare April 1986	\$ 1,415.86	
\$ 3,636.89	\$ 3,242.57	\$ 3,110.75	\$ 3,168.76	\$ 3,241.42	705320 Workmens Comp	\$ 72.66	
	\$ -	\$ -	\$ 1,433.12	\$ -	705240 Insurance Budget Increment	\$ (1,433.12)	
	\$ -	\$ -	\$ -	\$ -	705360 Benefit adjustment	\$ -	
\$ 372.30	\$ 330.83	\$ 406.86	\$ 318.25	\$ 318.24	705330 Unempty Comp	\$ (0.01)	
\$ 220,794.01	\$ 232,185.02	\$ 225,269.92	\$ 200,928.50	\$ 247,897.98	* Employee Benefits	\$ 46,969.48	
							Technical support: site and simulcast alignment; planning support; legal support; NSRS Project Management
\$ 64,788.50	\$ 25,655.50	\$ 66,224.75	\$ 160,015.00	\$ 150,000.00	710100 Professional Services	\$ (10,015.00)	
\$ 220.23	\$ 259.79	\$ 460.63	\$ 325.00	\$ 325.00	710149 Invest Pool Alloc Ex	\$ -	
\$ 5,250.00	\$ 9,030.00	\$ 630.00	\$ 20,000.00	\$ -	710200 Service Contract	\$ (20,000.00)	Regualr service for generators and security systems
\$ 27,522.35	\$ 139,998.05	\$ (25,763.80)	\$ 55,000.00	\$ 55,000.00	710205 Repairs and Maintenance	\$ -	Tower inspections and repairs; A/C maintenance
\$ 121,090.25	\$ 116,210.44	\$ 113,630.87	\$ 120,000.00	\$ 120,000.00	710210 Software Maintenance	\$ -	EDACS & VIDA Core software maintenance & Priority Software support
	\$ 5,460.45	\$ 199.95	\$ 5,500.00	\$ 5,500.00	710212 Software Subscription	\$ -	Asset Management Software
	\$ 656.22	\$ 2,470.98	\$ -	\$ -	710300 Operating Supplies	\$ -	
\$ 4,422.24	\$ 2,670.53	\$ 1,603.88	\$ 5,000.00	\$ 3,000.00	710302 Small Tools & Allow	\$ (2,000.00)	
\$ 52,792.48	\$ 41,153.37	\$ 36,381.94	\$ 55,000.00	\$ 55,000.00	710310 Parts and Supplies	\$ -	Various
	\$ 149.95	\$ -	\$ -	\$ -	710334 Copy Mach-Lease Exp	\$ -	
\$ 3,969.92	\$ 4,023.07	\$ 932.00	\$ 500.00	\$ 1,000.00	710350 Office Supplies	\$ 500.00	
	\$ -	\$ -	\$ 500.00	\$ 500.00	710355 Books and Subscriptions	\$ -	
\$ 26.06	\$ 22.69	\$ 194.12	\$ 250.00	\$ 250.00	710360 Postage	\$ -	
\$ 21.19	\$ -	\$ -	\$ 400.00	\$ 400.00	710361 Express and Courier	\$ -	
		\$ -	\$ -	\$ -	710400 Pmts to O Agencies	\$ -	
\$ 4,872.00		\$ -	\$ -	\$ -	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	\$ -	\$ 150.00	\$ 900.00	\$ 200.00	710506 Dept Insurance Deductible	\$ (700.00)	
\$ 4,944.93	\$ 3,441.38	\$ 6,508.49	\$ 2,500.00	\$ 6,600.00	710507 Network and Data Lines	\$ 4,100.00	System/Site network services
\$ 2,816.58	\$ 2,792.22	\$ 2,780.22	\$ 3,000.00	\$ 3,000.00	710508 Telephone Land Lines	\$ -	System/Site Telecom services
\$ 4,713.00	\$ -	\$ 3,180.00	\$ 3,000.00	\$ 6,000.00	710509 Seminars and Meetings	\$ 3,000.00	
\$ -	\$ -	\$ -	\$ 100.00	\$ 100.00	710512 Auto Expense	\$ -	
\$ 5,897.63	\$ 2,549.84	\$ 2,605.41	\$ 2,700.00	\$ 3,000.00	710519 Cellular Phone	\$ 300.00	
\$ 92.00	\$ 94.00	\$ -	\$ 500.00	\$ 500.00	710529 Dues	\$ -	
		\$ -	\$ -	\$ -	710552 Moving Costs	\$ -	
		\$ -	\$ -	\$ -	710551 Cash Discounts Lost	\$ -	
\$ 119.91	\$ -	\$ 1,120.16	\$ 500.00	\$ 800.00	710571 Safety Expense	\$ 300.00	
\$ 1,068.94	\$ 1,272.30	\$ 1,562.75	\$ 1,100.00	\$ 1,600.00	710594 Insurance Premium	\$ 500.00	
\$ 100,805.14	\$ 218,366.57	\$ 75,002.81	\$ 149,612.55	\$ 149,612.55	710610 LT Lease-Land/Parking	\$ -	Site/Land Leases
\$ 56,998.39	\$ 57,116.54	\$ 66,643.02	\$ 59,000.00	\$ 67,000.00	711010 Utilities	\$ 8,000.00	Site Electricity
\$ -	\$ -	\$ -	\$ 50.00	\$ -	711040 Natural Gas	\$ (50.00)	
\$ 11,286.00	\$ 8,160.00	\$ 5,040.00	\$ 4,890.00	\$ 5,379.00	711100 ESD Asset Management	\$ 489.00	Administrative Services for Vehicles and equipment
\$ 18,869.36	\$ 18,924.48	\$ 24,980.28	\$ 21,447.72	\$ 23,592.49	711113 Equip Srv Replace	\$ 2,144.77	Vehicle replacement fees
\$ 26,412.78	\$ 17,776.24	\$ 16,798.24	\$ 24,679.38	\$ 27,147.32	711114 Equip Srv O & M	\$ 2,467.94	Vehicle maintenance a repair
\$ 7,504.90	\$ 8,102.46	\$ 5,350.64	\$ 10,003.32	\$ 14,000.00	711117 ESD Fuel Charge	\$ 3,996.68	
\$ 3,520.00	\$ 2,512.00	\$ 2,512.00	\$ -	\$ -	711119 Prop & Liab Billings	\$ -	
\$ 6,589.54	\$ 3,109.73	\$ 661.10	\$ 5,000.00	\$ 12,000.00	711210 Travel	\$ 7,000.00	
\$ 49,935.00	\$ 38,821.00	\$ 42,703.00	\$ 46,973.00	\$ 46,973.00	711400 Overhead - General Fund	\$ -	County Building use and maintenance; Human Resources; Tech Services, etc.
	\$ 3,691.29	\$ -	\$ -	\$ -	711502 Build Imp nonCapital	\$ -	
\$ 83,073.16	\$ 50,492.41	\$ 38,387.94	\$ 170,489.45	\$ 65,000.00	711504 Equipment nonCapital	\$ (105,489.45)	
\$ 1,051.98		\$ 9,893.38	\$ -	\$ -	711507 Vehicles nonCapital	\$ -	
	\$ 7,131.97	\$ 1,078.08	\$ 500.00	\$ 500.00	711508 Computers nonCapital	\$ -	
\$ 1,113.40	\$ 467.49	\$ 8,392.88	\$ 2,700.00	\$ 2,700.00	711509 Comp Sftw nonCap	\$ -	
	\$ 17,430.50	\$ 15,130.00	\$ -	\$ 8,000.00	711510 Comm Eq nonCapital	\$ 8,000.00	
\$ 671,937.86	\$ 808,343.98	\$ 527,445.72	\$ 934,435.42	\$ 838,479.36	* Services and Supplies	\$ (95,956.06)	
\$ 19,091.44					781007 Vehicles Capital	\$ -	
	\$ 31,093.12	\$ 39,258.60	\$ 60,000.00	\$ 120,000.00	781004 Equipment Capital	\$ 60,000.00	
\$ 19,091.44	\$ 31,093.12	\$ 39,258.60	\$ 60,000.00	\$ 120,000.00	* Capital Outlay	\$ 60,000.00	
\$ 1,314,076.21	\$ 1,508,372.51	\$ 1,324,861.52	\$ 1,653,995.52	\$ 1,767,289.19	** Expenses	\$ 113,293.67	

Budget worksheet 2

Washoe County Regional Communication System Fiscal Year 2023 Preliminary Budget Worksheet - Agency Cost Allocation for Operations Maintenance

Plus 1 FTE FY23 Washoe County Regional Communications System Budget Comparison FY22 vs FY23	Active Radio Count Comparison - by fiscal year					Operations Contribution Comparison					FY22 to FY23 Differences			
	FY21/22	FY22/23				Radio Count increase or decrease	FY21/22		FY22/23			Operations Only Difference	Plus 5% to Infrastructure	Plus 10% to Infrastructure
		EDACS	P25	BEON	Total		Operations Finalized	FY21 Payment: 10% Infrastructure added to Ops	Proposed Operations Contribution	Plus 5% to Infrastructure	Plus 10% to Infrastructure			
Nevada Air National Guard	22	30			30.0	8	\$5,603.74	\$6,164.12	\$7,710.13	\$ 8,095.63	\$ 8,481.14	\$1,546.01	\$1,931.51	\$2,317.02
Reno-Tahoe Airport Authority	269.5	229	45	15	281.5	12	\$68,645.84	\$75,510.43	\$72,346.67	\$ 75,964.01	\$ 79,581.34	(\$3,163.75)	\$453.58	\$4,070.91
Drug Enforcement Administration	23	26			26.0	3	\$5,858.46	\$6,444.30	\$6,682.11	\$ 7,016.21	\$ 7,350.32	\$237.80	\$571.91	\$906.02
Federal Bureau of Investigations	24	33			33.0	9	\$6,113.17	\$6,724.49	\$8,481.14	\$ 8,905.19	\$ 9,329.25	\$1,756.65	\$2,180.70	\$2,604.76
Incline Village General Improvement District	3	4			4.0	1	\$764.15	\$840.56	\$1,028.02	\$ 1,079.42	\$ 1,130.82	\$187.46	\$238.86	\$290.26
North Lake Tahoe Fire Protection District	93	101		16	109.0	16	\$23,688.55	\$26,057.40	\$28,013.45	\$ 29,414.13	\$ 30,814.80	\$1,956.05	\$3,356.73	\$4,757.40
Carson City Fire Department	5	11			11.0	6	\$1,273.58	\$1,400.94	\$2,827.05	\$ 2,968.40	\$ 3,109.75	\$1,426.11	\$1,567.46	\$1,708.81
Nevada Shared Radio System	1676	1602			1,602.0	(74)	\$426,903.29	\$469,593.62	\$411,720.68	\$ 432,306.72	\$ 452,892.75	(\$57,872.93)	(\$37,286.90)	(\$16,700.86)
Pyramid Lake Paiute Tribe	72	85			85.0	13	\$18,339.52	\$20,173.47	\$21,845.35	\$ 22,937.62	\$ 24,029.89	\$1,671.88	\$2,764.15	\$3,856.42
REMSA	18	27			27.0	9	\$4,584.88	\$5,043.37	\$6,939.11	\$ 7,286.07	\$ 7,633.02	\$1,895.74	\$2,242.70	\$2,589.66
Reno, City of	1195.5	1089	87	11	1,181.5	(14)	\$304,512.46	\$334,963.70	\$303,650.43	\$ 318,832.95	\$ 334,015.47	(\$31,313.27)	(\$16,130.75)	(\$948.23)
Reno-Sparks Indian Colony	58	59			59.0	1	\$14,773.50	\$16,250.85	\$15,163.25	\$ 15,921.41	\$ 16,679.57	(\$1,087.61)	(\$329.44)	\$428.72
Sparks, City of	414	457			457.0	43	\$105,452.24	\$115,997.47	\$117,450.91	\$ 123,323.45	\$ 129,196.00	\$1,453.44	\$7,325.98	\$13,198.53
Truckee Meadows Fire Protection District	309	331		14	338.0	29	\$78,707.11	\$86,577.82	\$86,867.41	\$ 91,210.78	\$ 95,554.15	\$289.59	\$4,632.96	\$8,976.33
Truckee Meadows Water Authority	54	105			105.0	51	\$13,754.64	\$15,130.10	\$26,985.44	\$ 28,334.71	\$ 29,683.98	\$11,855.33	\$13,204.61	\$14,553.88
University of Nevada, Reno	78	68			68.0	(10)	\$19,867.81	\$21,854.60	\$17,476.28	\$ 18,350.10	\$ 19,223.91	(\$4,378.31)	(\$3,504.50)	(\$2,630.68)
US Department of Veterans Affairs Police	21	22			22.0	1	\$5,349.03	\$5,883.93	\$5,654.09	\$ 5,936.80	\$ 6,219.50	(\$229.84)	\$52.87	\$335.57
Washoe County School District	951.5	782	143	5	927.5	(24)	\$242,361.86	\$266,598.05	\$238,371.37	\$ 250,289.94	\$ 262,208.51	(\$28,226.68)	(\$16,308.11)	(\$4,389.54)
Washoe County	1207	1431	73	12	1,510.0	303	\$307,441.69	\$338,185.86	\$388,076.30	\$ 407,480.11	\$ 426,883.93	\$49,890.44	\$69,294.26	\$88,698.07
Total	6493.5	6,492.0	348.0	73.0	6,876.5	383								
							\$ 1,653,995.52	\$1,819,395.07	\$1,767,289.19	\$1,855,653.65	\$1,944,018.11	(\$52,105.88)	\$ 36,258.58	\$ 124,623.04
Cost Per Radio							\$254.72	\$280.19	\$257.00	\$269.85	\$282.70			
							Current Cost		Cost per radio annually for FY23					