



WASHOE COUNTY

TECHNOLOGY SERVICES

1001 E. Ninth St
RENO, NEVADA 89512
(775) 328-2351

DATE:

January 17, 2020

TO:

800 MHz Joint Operating Committee (JOC)

FROM:

Quinn Korbolic, IT Manager – Regional Services, Washoe County Technology Services

775-328-2348, qkorbolic@washoecounty.us

On behalf of the 800 MHz Users Committee

THROUGH:

Craig Betts, Chief Information Officer, Washoe County Technology Services

SUBJECT:

FISCAL YEAR 2020-2021 WCRCS (WASHOE COUNTY REGIONAL COMMUNICATIONS SYSTEM)

BUDGET. A review, discussion and possible action approve the fiscal year 2020-2021 Washoe County regional Communications System budget and associated Operations and Maintenance contributions by WCRCS member agencies and recommend that the Board of County Commissioners adopt the FY21 WCRCS budget.

SUMMARY:

The presented FY21 WCRCS budget is based on the fiscal year 2019 – 2020 budget with projected increases in Salaries, Benefits and Overhead.

The fiscal year 2020-2021 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 2019.

The 800MHz Users committee reviewed the presented budget on December 19, 2019 and recommends that the Joint Operating Committee approve the budget, including a 10% contribution to the WCRCS Infrastructure fund, and recommend that the Board of County Commissioners adopt the fiscal year 2020-2021 WCRCS budget.

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.



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WCRCS FY20/21 Budget Highlights

Overview of Budget Proposal:

- Total Radio Count increase of 277.
- 1.3% Operations budget increase over FY19 - 20.
- Recommend to maintain 10% contribution to Infrastructure.
- Cost per radio decrease of \$8.34 per radio - per year to \$277.26.

Operations:

- Total Operations Budget: \$1,608,111.59
- Operations Budget increase of \$20,877.10
- Covers 4 FTE staff including the Regional Communications Coordinator, a Sr. Network Engineer, and two Network Engineers.

Infrastructure:

- Recommend to maintain contributions at 10%.
- Operations + Infrastructure budget: \$1,768,922.75

RECOMMENDATION:

Staff recommends that the 800 MHz Joint Operating Committee approve the fiscal year 2020-2021 Washoe County Regional Communications System budget including a 10% contribution to the WCRCS Infrastructure fund and associated Operations and Maintenance contributions by WCRCS member agencies and recommend that the Board of County Commissioners adopt the FY21 WCRCS budget.

POSSIBLE MOTION:

If the Committee agrees with Staff's recommendation, a possible motion would be: "Move to approve the fiscal year 2020-2021 Washoe County Regional Communications System budget including a 10% contribution to the WCRCS Infrastructure fund and associated Operations and Maintenance contributions by WCRCS member agencies and recommend that the Board of County Commissioners adopt the FY21 WCRCS budget."



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Budget Worksheet 1

 Washoe County Regional Communications Operations Budget Proposal Fiscal Year 2020 - 2021						
2017-18 Actual	2018-19 Actual	2019-20 Planned	2020-21 Proposed	Accounts	Change	Notes
\$ (1,533,769.28)	\$ (1,562,387.21)	\$ (1,587,234.49)	\$ (1,608,111.59)	433300 Local Govt-Oper Cost	\$ (20,877.10)	Overall Budget Increase. This is a 1.3% increase over FY19
\$ (1,533,769.28)	\$ (1,562,387.21)	\$ (1,587,234.49)	\$ (1,608,111.59)	* Intergovernmental	\$ (20,877.10)	
\$ (3,727.97)	\$ (5,882.34)	\$ (5,000.00)	\$ (5,000.00)	481000 Interest-Pooled Inv.	\$ -	
\$ (310.67)	\$ (538.86)			482100 RGL Pooled Invest.	\$ -	
\$ 2,081.65	\$ (8,179.23)			482200 URGL Pooled Inv.	\$ -	
\$ -				485100 Reimbursements	\$ -	
\$ (1,956.99)	\$ (14,600.43)	\$ (5,000.00)	\$ (5,000.00)	* Miscellaneous	\$ -	
\$ (1,535,726.27)	\$ (1,576,987.64)	\$ (1,592,234.49)	\$ (1,613,111.59)	** Revenue	\$ (20,877.10)	
\$ 323,106.86	\$ 360,464.12	\$ 376,084.74	\$ 393,562.85	701110 Base Salaries	\$ 17,478.11	Salaries & Benefits for 4 FTE positions including the Regional Communications Coordinator, a Sr. Network Engineer and 2 Network Engineers
\$ 5,350.00	\$ 4,950.00	\$ 5,650.00	\$ 5,950.00	701200 Incentive Longevity	\$ 300.00	
\$ 4,289.68		\$ 14,027.00	\$ 14,027.00	701130 Pooled Positions	\$ -	
\$ 4,579.29	\$ 3,585.58	\$ 5,000.00	\$ 5,000.00	701300 Overtime	\$ -	
	\$ -	\$ 500.00	\$ 500.00	701140 Holiday Work	\$ -	
\$ 31,924.11	\$ 32,226.25	\$ 33,000.00	\$ 33,000.00	701406 Standby Pay	\$ -	
\$ 6,901.75			\$ -	701413 Vac Payout/Sick Pay-Term	\$ -	
\$ 810.09	\$ 1,026.95	\$ 6,500.00	\$ 6,500.00	701408 Call Back	\$ -	
		\$ 8,345.00	\$ 8,345.00	701412 Salary adjustment	\$ -	
\$ 1,948.19			\$ -	701417 Comp Time	\$ -	
\$ 378,909.97	\$ 402,252.90	\$ 449,106.74	\$ 466,884.85	* Salaries and Wages	\$ 17,778.11	
\$ 45,442.00	\$ 49,991.20	\$ 52,278.93	\$ 53,608.48	705110 Group Insurance	\$ 1,329.55	
\$ 4,615.40	\$ 7,192.36	\$ 6,500.00	\$ 6,500.00	705115 ER HSA Contributions	\$ -	
\$ 45,760.80	\$ 42,682.23	\$ 38,860.00	\$ 42,746.00	705190 OPEB Contribution	\$ 3,886.00	
\$ 101,008.77	\$ 111,493.25	\$ 111,381.86	\$ 116,857.34	705210 Retirement	\$ 5,475.48	
\$ 5,166.92	\$ 5,425.78	\$ 5,106.49	\$ 5,340.55	705230 Medicare April 1986	\$ 234.06	
\$ 3,360.55	\$ 3,636.89	\$ 3,221.59	\$ 2,670.25	705320 Workmens Comp	\$ (551.34)	
		\$ 1,306.97	\$ 1,320.04	705240 Insurance Budget Incremen	\$ 13.07	
		\$ 2,562.00	\$ 2,587.62	705360 Benefit adjustment	\$ 25.62	
\$ 268.93	\$ 372.30	\$ 287.66	\$ 734.28	705330 Unemply Comp	\$ 446.62	
\$ 205,623.37	\$ 220,794.01	\$ 221,505.50	\$ 232,364.56	* Employee Benefits	\$ 10,859.06	
						Technical support: site and simulcast alignment; planning support; legal support; NSRS Project Management
\$ 73,473.08	\$ 64,788.50	\$ 98,514.00	\$ 123,514.00	710100 Professional Services	\$ 25,000.00	
\$ 160.74	\$ 220.23	\$ 325.00	\$ 325.00	710149 Invest Pool Alloc Ex	\$ -	
\$ 5,050.00	\$ 5,250.00	\$ 20,000.00	\$ 20,000.00	710200 Service Contract	\$ -	Regualr service for generators and security systems
\$ 46,081.68	\$ 27,522.35	\$ 60,000.00	\$ 60,000.00	710205 Repairs and Maintenance	\$ -	Tower inspections and repairs; A/C maintenance
\$ 117,051.00	\$ 121,090.25	\$ 115,000.00	\$ 115,000.00	710210 Software Maintenance	\$ -	EDACS & VIDA Core software maintenance & Priority Software support
\$ 2,854.77	\$ 4,422.24	\$ 5,000.00	\$ 5,000.00	710302 Small Tools & Allow	\$ -	
\$ 81,857.41	\$ 52,792.48	\$ 70,000.00	\$ 70,000.00	710310 Parts and Supplies	\$ -	Various
\$ 536.16	\$ 3,969.92	\$ 500.00	\$ 500.00	710350 Office Supplies	\$ -	
\$ 133.00		\$ 500.00	\$ 500.00	710355 Books and Subscriptions	\$ -	
\$ 30.83	\$ 26.06	\$ 250.00	\$ 250.00	710360 Postage	\$ -	
\$ 503.57	\$ 21.19	\$ 400.00	\$ 400.00	710361 Express and Courier	\$ -	
			\$ -	710400 Pmts to O Agencies	\$ -	
	\$ 4,872.00		\$ -	710501 Radio Equipment Install	\$ -	
			\$ -	710502 Printing	\$ -	
			\$ -	710505 Rental Equipment	\$ -	
		\$ 2,300.00	\$ 2,300.00	710503 Licenses & Permits	\$ -	
\$ 150.00	\$ 150.00	\$ 900.00	\$ 900.00	710506 Dept Insurance Deductible	\$ -	
\$ 1,960.10	\$ 4,944.93	\$ 2,500.00	\$ 2,500.00	710507 Network and Data Lines	\$ -	System/Site network services
\$ 2,698.16	\$ 2,816.58	\$ 3,000.00	\$ 3,000.00	710508 Telephone Land Lines	\$ -	System/Site Telecom services
\$ 4,442.00	\$ 4,713.00	\$ 10,000.00	\$ 10,000.00	710509 Seminars and Meetings	\$ -	Conference/training registration fees
\$ 9.74	\$ -	\$ 100.00	\$ 100.00	710512 Auto Expense	\$ -	
\$ 4,761.50	\$ 5,897.63	\$ 5,200.00	\$ 5,200.00	710519 Cellular Phone	\$ -	
\$ 92.00	\$ 92.00	\$ 500.00	\$ 500.00	710529 Dues	\$ -	
			\$ -	710552 Moving Costs	\$ -	
			\$ -	710551 Cash Discounts Lost	\$ -	
	\$ 119.91	\$ 500.00	\$ 500.00	710571 Safety Expense	\$ -	
\$ 968.00	\$ 1,068.94	\$ 1,100.00	\$ 1,100.00	710594 Insurance Premium	\$ -	
\$ 123,833.52	\$ 100,805.14	\$ 128,000.00	\$ 138,580.00	710610 LT Lease-Land/Parking	\$ 10,580.00	Site lease fees
\$ 56,266.00	\$ 56,998.39	\$ 59,000.00	\$ 59,000.00	711010 Utilities	\$ -	Site Electricity
\$ 16.62	\$ -	\$ 50.00	\$ 50.00	711040 Natural Gas	\$ -	
\$ 9,432.00	\$ 11,286.00	\$ 10,307.88	\$ 10,307.88	711100 ESD Asset Management	\$ -	Administrative Services for Vehicles and equipment
\$ 14,370.56	\$ 18,869.36	\$ 28,640.88	\$ 28,640.88	711113 Equip Srv Replace	\$ -	Vehicle replacement fees
\$ 35,127.00	\$ 26,412.78	\$ 23,628.61	\$ 23,628.61	711114 Equip Srv O & M	\$ -	Vehicle maintenance a repair
\$ 7,470.31	\$ 7,504.90	\$ 12,972.18	\$ 12,972.18	711117 ESD Fuel Charge	\$ -	
\$ 3,520.00	\$ 3,520.00	\$ 2,512.00	\$ 2,512.00	711119 Prop & Liab Billings	\$ -	
\$ 11,067.24	\$ 6,589.54	\$ 15,000.00	\$ 15,000.00	711210 Travel	\$ -	Travel for conference and training
\$ 54,673.00	\$ 49,935.00	\$ 38,821.00	\$ 42,703.10	711400 Overhead - General Fund	\$ 3,882.10	County Building use and maintenance; Human Resources; Tech Services, etc.
\$ 181,304.00	\$ 83,073.16	\$ 137,900.70	\$ 90,678.53	711504 Equipment nonCapital	\$ (47,222.17)	Various
	\$ 1,051.98		\$ -	711507 Vehicles nonCapital	\$ -	
\$ 391.83		\$ 500.00	\$ 500.00	711508 Computers nonCapital	\$ -	
\$ 805.40	\$ 1,113.40	\$ 2,700.00	\$ 2,700.00	711509 Comp Sftw nonCap	\$ -	
\$ 841,091.22	\$ 671,937.86	\$ 856,622.25	\$ 848,862.18	* Services and Supplies	\$ (7,760.07)	
	\$ 19,091.44			781007 Vehicles Capital		
\$ 61,070.35		\$ 60,000.00	\$ 60,000.00	781004 Equipment Capital	\$ 60,000.00	
\$ 61,070.35	\$ 19,091.44	\$ 60,000.00	\$ 60,000.00	* Capital Outlay	\$ -	
\$ 1,486,694.91	\$ 1,314,076.21	\$ 1,587,234.49	\$ 1,608,111.59	** Expenses	\$ 20,877.10	

Washoe County Regional Communications System <i>Budget Comparison FY20 vs FY21</i>	Radio Count Comparison						Operations Contribution Comparison					FY20 to FY21 Differences		
	FY19/20	FY20/21				Radio Count increase or decrease	FY19/20		FY20/21			Operations Only Difference	Plus 5% to Infrastructure	Plus 10% to Infrastructure
		EDACS	P25	BEON	Total		Operations Finalizejffjd	Total with 10 % Infrastructure added	Proposed Operations Contribution	Plus 5% to Infrastructure	Plus 10% to Infrastructure			
Nevada Air National Guard	30	23			23.0	(7)	\$7,789.04	\$8,567.94	\$5,797.27	\$ 6,087.13	\$ 6,376.99	(\$1,991.77)	\$ (2,091.36)	\$ (2,190.95)
Reno-Tahoe Airport Authority	281.5	220	42	12	268.0	(14)	\$73,087.13	\$80,395.84	\$67,550.77	\$ 70,928.31	\$ 74,305.85	(\$5,536.36)	\$ (5,813.18)	\$ (6,090.00)
Drug Enforcement Administration	17	16			16.0	(1)	\$4,413.79	\$4,855.17	\$4,032.88	\$ 4,234.53	\$ 4,436.17	(\$380.91)	\$ (399.95)	\$ (419.00)
Federal Bureau of Investigations	26	22			22.0	(4)	\$6,750.50	\$7,425.55	\$5,545.21	\$ 5,822.47	\$ 6,099.73	(\$1,205.29)	\$ (1,265.55)	\$ (1,325.81)
Incline Village General Improvement District	3	3			3.0	0	\$778.90	\$856.79	\$756.17	\$ 793.97	\$ 831.78	(\$22.74)	\$ (23.88)	\$ (25.01)
North Lake Tahoe Fire Protection District	92.5	83		16	91.0	(2)	\$24,016.20	\$26,417.82	\$22,937.01	\$ 24,083.87	\$ 25,230.72	(\$1,079.18)	\$ (1,133.14)	\$ (1,187.10)
Carson City Fire Department	7	5			5.0	(2)	\$1,817.44	\$1,999.19	\$1,260.28	\$ 1,323.29	\$ 1,386.30	(\$557.17)	\$ (585.02)	\$ (612.88)
Nevada Shared Radio System	1643	1689			1,689.0	46	\$426,579.58	\$469,237.54	\$425,721.08	\$ 447,007.13	\$ 468,293.19	(\$858.50)	\$ (901.43)	\$ (944.35)
Pyramid Lake Paiute Tribe	76	72			72.0	(4)	\$19,732.23	\$21,705.45	\$18,147.97	\$ 19,055.37	\$ 19,962.76	(\$1,584.26)	\$ (1,663.47)	\$ (1,742.68)
REMSA	18	16			16.0	(2)	\$4,673.42	\$5,140.76	\$4,032.88	\$ 4,234.53	\$ 4,436.17	(\$640.54)	\$ (672.57)	\$ (704.59)
Reno, City of	1045.5	983	127	11	1,115.5	70	\$271,447.93	\$298,592.73	\$281,167.47	\$ 295,225.85	\$ 309,284.22	\$9,719.54	\$ 10,205.52	\$ 10,691.49
Reno-Sparks Indian Colony	53	49			49.0	(4)	\$13,760.63	\$15,136.69	\$12,350.70	\$ 12,968.24	\$ 13,585.77	(\$1,409.93)	\$ (1,480.43)	\$ (1,550.92)
Sparks, City of	415	407			407.0	(8)	\$107,748.34	\$118,523.18	\$102,586.43	\$ 107,715.75	\$ 112,845.07	(\$5,161.91)	\$ (5,420.01)	\$ (5,678.10)
Truckee Meadows Fire Protection District	307.5	296		9	300.5	(7)	\$79,837.63	\$87,821.39	\$75,742.56	\$ 79,529.69	\$ 83,316.82	(\$4,095.07)	\$ (4,299.82)	\$ (4,504.57)
Truckee Meadows Water Authority	42	46			46.0	4	\$10,904.65	\$11,995.12	\$11,594.53	\$ 12,174.26	\$ 12,753.99	\$689.88	\$ 724.38	\$ 758.87
University of Nevada, Reno	82	76			76.0	(6)	\$21,290.03	\$23,419.04	\$19,156.19	\$ 20,114.00	\$ 21,071.81	(\$2,133.85)	\$ (2,240.54)	\$ (2,347.23)
US Department of Veterans Affairs Police	5	10			10.0	5	\$1,298.17	\$1,427.99	\$2,520.55	\$ 2,646.58	\$ 2,772.61	\$1,222.38	\$ 1,283.50	\$ 1,344.62
Washoe County School District	791.5	764	194	5	960.5	169	\$205,500.75	\$226,050.83	\$242,098.93	\$ 254,203.88	\$ 266,308.82	\$36,598.18	\$ 38,428.09	\$ 40,257.99
Washoe County	1167.5	1171	33	13	1,210.5	43	\$303,123.35	\$333,435.68	\$305,112.71	\$ 320,368.34	\$ 335,623.98	\$1,989.36	\$ 2,088.83	\$ 2,188.30
Total	6103	5,951.0	396.0	66.0	6,380.0	277								
							\$ 1,584,549.72	\$1,743,004.69	\$1,608,111.59	\$1,688,517.17	\$1,768,922.75	\$23,561.87	\$ 24,739.96	\$ 25,918.06
						Cost Per Radio	\$259.63	\$285.60	\$252.06	\$264.66	\$277.26			