

CLACKAMAS CSOO RADIO GROUP

BUDGET COMMITTEE MEETING BOARD OF DIRECTORS MEETING

April 21, 2021 / 9:00AM

This will be a ZOOM Meeting

Join Zoom Meeting

<https://clackamascounty.zoom.us/j/89006024138>

Phone in: (253)215-8782 Meeting ID: 890 0602 4138

1. Call the Board of Directors meeting to Order - Chair Chief Rick Huffman
2. Roll Call of Partners: (19/10)

a. City of Canby	h. City of West Linn	o. Molalla Fire District
b. City of Gladstone	i. Aurora Fire District	p. Sandy Fire District
c. City of Lake Oswego	j. Canby Fire District	q. Tualatin Valley Fire & Rescue
d. City of Milwaukie	k. Clackamas County Fire District #1	r. Clackamas County Sheriff
e. City of Molalla	l. Colton Fire District	s. Clackamas County Health
f. City of Oregon City	m. Estacada Fire District	
g. City of Sandy	n. Hoodland Fire District	
3. *Approval of Minutes of March 17, 2021 Board Meeting - Rick Huffman
4. Public Comment - Rick Huffman
5. Communications - John Hartsock
6. Financial Report - March 2021 - John Hartsock
7. *FY 2021 / 2022 Budget Hearing / Approval of the FY 2021/2022 Proposed Budget - John Hartsock
8. Committee Reports
 - a. Executive Committee - Rick Huffman
 - b. Technical Committee - John Hartsock
 - c. Citizen Accountability - John Hartsock - Next Meeting May 19, 2021 Zoom
9. Old Business: (* Action Item)
 - a. System Management: Ron Polluconi
 - b. System Upgrade/Replacement
 - i. Project Status / Procurement: Bjorn Morfin / John Hartsock
 - ii. 800 Paging: Ron Polluconi

iii. Portable Radio Antenna: Ron Polluconi

iv. DVRS - repeaters: Ron Polluconi

10. New Business: (* Action Item)

a. **Next Board Meeting May 19, 2021 9:00A ZOOM**

11. Open Agenda

12. Adjournment

CLACKAMAS C800 RADIO GROUP

BOARD OF DIRECTORS MEETING

Meeting Minutes of the March 17, 2021 Meeting

This meeting was held via ZOOM.

1. C800 Board Meeting Called to Order at 0900.

2. The following were in attendance:

City of Gladstone: Chief John Schmerber /
Chief Rick Huffman

Colton Fire Dist: Chief Mike Everhart

City of Lake Oswego: Chief Don Johnson / Sue
Scobert

Hoodland Fire Dist: Chief Jim Price

Molalla Fire Dist: Chief Jim Davis (proxy)

City of Molalla: Chief Frank Schoenfeld

TVF&R: Asst Chief Mark Havener

City of Oregon City – Chief Jim Band

City of Sandy: Chief Ernie Roberts

CCOM: Toni Sexton / Megan Neece / Tony
Collins

City of West Linn: Chief Peter Mahuna

CC Disaster Mgmt: Jamie Poole

Aurora Fire District: Chief Josh Williams

C800: John Hartsock / Bjorn Morfin

Canby Fire Dist: Chief Jim Davis

Citizens: Melissa Framiglio / Debbie Klein /
Paul Zaninovich / Bitsy Ellis

Clackamas Fire Dist # 1 Div Chief Michael
Carlsen, Jessamyn Ode

3. Approval of Minutes – February 17, 2021 Board Meeting

Chief Jim Davis moved to approve the minutes as submitted and Chief Michael Carlsen seconded. Motion passed unanimously.

4. Public Comment:

Melissa Framiglio of the Skyland Neighborhood Association wanted the group to see the faces of who can be affected by a possible tower in her neighborhood. She and her child were on the video call.

Debbie Klein of the Skyland Neighborhood Association also felt like she was living in the shadow of a possible tower. She noted that when it was on the ballot measure, it said it was supposed to be a remote location.

5. Communications: None.

6. Financial Report – February 2021 - John Hartsock

John reported that they are tracking on budget.

Chief Jim Davis asked about the loan that was provided and when it will be paid back to the fund?

John said that as they get the money from PGE and are further long in the project, they will get those funds. They need to complete the remote sites first.

Chief Davis thought it was going to be no longer than 30 days? That's what was said when they approved it.

John apologized if that was said. The sites will not be done within 30 days and they will not receive the funds until the sites are completed.

7. Presentation and Acceptance of the FY 2021/2022 Proposed Budget – John Hartsock

John explained that overall, they have an increase of about 11% this year. They are going to be raising the radio costs from \$430 to \$480. The cost had not increased for four years, but this year they are really feeling the impact of the new sites and additional costs from WCCCA.

Chief Jim Davis asked why they need to approve it now if they are going to vote on it in April?

John explained that in this case, this group is acting as the budget committee. The Board (same group of people) will approve/disapprove in April. If they would like to wait until April, they certainly can.

This item was moved to the next meeting.

8. Committee Reports

Executive Committee – Chief Rick Huffman: No meeting was held.

Technical Committee - John Hartsock: They met on February 24 and went over site review issues. CCOM will maintain their four fire positions in that temporary location. LOCOM build has been completed. They'll meet again on March 24.

Citizen Accountability - John Hartsock: Next meeting is May 19, 2021 via Zoom.

9. Old Business:

System Management - John advised that they had some microwave issues during the past weekend. They continue to monitor the system. It's generally running well but it is old equipment. There are no significant problems at the moment.

System Upgrade/Replacement

Project Status/Procurement – Bjorn Morfin / John Hartsock:

John said have not been able to do much with the new sites along Highway 224 due to ODOT and USFS restrictions.

They are still trying to get access to Memaloose to access damages. Bjorn submitted paperwork to USFS to request access. He'll be asking for an access permit for Whalehead and Oak Grove as well. They hope to start working again on the power route for Whalehead this week.

TD&H – they are still waiting to get their lease with the USFS.

All the other sites are pretty much done. Some sites have received wind and ice damage that they are still assessing at this time.

John said that the Damascus and Mt. Scott sites received the worst damage from the ice storm. He will be submitting to insurance.

John said that he did hear from Lauren from Resolution Services. There is a meeting with Lake Oswego staff at the end of the month to start the process.

Melissa Framiglio asked if Gary is going to be at the meeting to represent Skyland? John confirmed that he would be at the meeting. Melissa said that Gary said that he is not representing Skyland and they just act as the bank for this. John said that he had received an email from Gary saying that he was going to represent them. He will confirm again with Gary.

Chief Jim Band asked if they can still continue with the rest of the system without the Skyland or Lake Oswego sites?. John said that's certainly possible.

Chief Don Johnson said he was in contact with Motorola and Clackamas (through John) and Washington (through Ron). They will know more in a few weeks when testing comes back from Motorola. They are trying other options. He is in favor of slowing down those two site targets until the test results come in.

Logging Recorders – John Hartsock

John said the new logging recorders are installed and operational at LOCOM. The hardware is installed at CCOM. They are doing a kickoff meeting with the vendor to make sure they have all the proper connections and interface completed. It's on schedule.

LOCOM Move – John Hartsock

John said the move was successful and completed.

Sue said the radios are working as expected. They added some alarms to the radio panels and that is the only outstanding task.

800 MHz Paging - John said they are still working with the vendor. Nothing new to report.

Portable Radio Antenna- John said that they are waiting for them to arrive.

DVRS – repeaters – John said they are still waiting on the testing data.

Chief Jim Davis said that the system will go live in June correct? John confirmed.

Chief Davis continued saying that if it does go live in June, that means that all the radios need to be reprogrammed before they turn on the system. What's the schedule for when they come out to do that?

John said they don't need to be touched again to go live. There is a procedure that the user will perform on the radio to convert it to the digital system. The new system is already programmed into the radio. They will send out clear instructions and a training video on this.

Chief Davis asked if they can send representatives from each agency to attend a training on this?

John confirmed that is a possibility. He will discuss it at his upcoming meeting with Motorola. They may be able to come to each agency to do the training.

10. New Business (*Action Item)

***Approval of contract with Genesis for radio system management**

John explained that the Motorola system generates a lot of data and information. They, however, never put together any software tools on how to handle that data. Two people left Motorola and created Genesis. They have the software tools that manage this data. It's an invaluable tool to manage the radio system in general. It allows them to track usage and issues as well. He is requesting the cost to update it and keep it operating.

Chief Jim Davis asked if this isn't approved, will it slow down the dispatch centers and their activation date of June? John said he'd have to check. It could have an effect of the management of the system.

Sue Scobert confirmed that this was in the budget? John confirmed.

Sue asked what was the length of the contract?

John said it's an initial contract to buy the software, the installation, and the training. Then there are annual operating costs, just like other software. He guessed they would need to replace it in about 10 years.

Sue Scobert made a motion and Chief Ernie Roberts seconded to approve the purchase order in the amount of \$142,154.00 to Genesis Group, Tyler Texas to upgrade the existing radio system reporting and management systems including installation on the new radio system.

Next Board Meeting

Next meeting will be April 21, 2021 at 9:00AM Location: Zoom

11. Open Agenda

None.

12. Adjournment - Meeting adjourned at 9:32 AM

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04/07/21

Accrual Basis

Clackamas 800 Radio Group

Profit & Loss Budget vs. Actual

July 2020 through March 2021

	Jul '20 - Mar 21	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
401-00 · Beginning Fund Balance	0.00	1,252,328.00	-1,252,328.00	0.0%
405-00 · Members Contracts	66,220.00	68,800.00	-2,580.00	96.3%
410-00 · Partners Fees	1,068,893.20	1,049,200.00	19,693.20	101.9%
420-00 · Partners Debt Service Zone Cont	0.00	0.00	0.00	0.0%
421-00 · Partner Debt Service Microwave	0.00	0.00	0.00	0.0%
430-00 · Subscriber Radio Payments	109,671.73	125,000.00	-15,328.27	87.7%
431-00 · Interest Income	110.52	800.00	-689.48	13.8%
435-00 · Lease Revenue	36,781.08	66,625.00	-29,843.92	55.2%
440-00 · Miscellaneous Income	251,453.00	500.00	250,953.00	50,290.6%
450-00 · Intergovernmental-Clackamas Co	6,416,862.76	15,000,000.00	-8,583,137.24	42.8%
455-00 · Bond Interest Income	0.00	0.00	0.00	0.0%
Total Income	7,949,992.29	17,563,253.00	-9,613,260.71	45.3%
Gross Profit	7,949,992.29	17,563,253.00	-9,613,260.71	45.3%
Expense				
605-00 · Site Rental	229,676.86	212,512.00	17,164.86	108.1%
610-00 · Fuel/Generators	15,567.71	14,625.00	942.71	106.4%
615-00 · HVAC Maintenance	15,431.39	22,100.00	-6,668.61	69.8%
620-00 · Landscape Maintenance	22,050.00	13,500.00	8,550.00	163.3%
621-00 · Office Supplies	0.00	1,500.00	-1,500.00	0.0%
622-00 · Bad Debt Expense	19,350.00			
625-00 · Generator Maintenance	5,632.90	25,000.00	-19,367.10	22.5%
630-00 · UPS Maintenance	2,646.00	7,500.00	-4,854.00	35.3%
635-00 · Battery Maintenance	0.00	5,000.00	-5,000.00	0.0%
645-00 · Insurance	57,290.59	50,000.00	7,290.59	114.6%
650-00 · Utilities	54,800.13	135,000.00	-80,199.87	40.6%
655-00 · Consultant Services	40,529.33	55,000.00	-14,470.67	73.7%
657-00 · Regional Radio Expense	0.00	1,500.00	-1,500.00	0.0%
660-00 · WCCCA System Fees	758,217.00	758,217.00	0.00	100.0%
665-00 · Radio Maintenance Fees	74,593.16	50,000.00	24,593.16	149.2%
670-00 · Legal Services	950.00	7,500.00	-6,550.00	12.7%
675-00 · Financial Services	5,920.00	9,500.00	-3,580.00	62.3%
680-00 · Audit Fees	6,920.00	10,000.00	-3,080.00	69.2%
683-00 · Capital Reserve	0.00	150,000.00	-150,000.00	0.0%
685-00 · Miscellaneous Expenses	708.84	7,418.00	-6,709.16	9.6%
686-00 · Meeting Expenses	100.00	2,500.00	-2,400.00	4.0%
703-00 · Capital Outlay				
703-01 · Buildings & Land Improvement				
703-011 · Land Improvement	4,466,010.21	0.00	4,466,010.21	100.0%
703-012 · Building	245,254.28	0.00	245,254.28	100.0%
703-013 · Tower	9,510.00	0.00	9,510.00	100.0%
703-014 · Generator	25,498.00	0.00	25,498.00	100.0%
703-01 · Buildings & Land Improvement - Other	0.00	0.00	0.00	0.0%
Total 703-01 · Buildings & Land Improvement	4,746,272.49	0.00	4,746,272.49	100.0%
703-02 · Radio Backbone				
703-021 · Simulcast / Master Site	1,055,930.57	0.00	1,055,930.57	100.0%
703-022 · Subscriber Radios	313,781.48	0.00	313,781.48	100.0%
703-023 · Console Equipment	9,378.69			
703-024 · Paging	55,795.82			
703-026 · Cat. 6 Fire Station Alerting	180,282.15			
Total 703-02 · Radio Backbone	1,615,168.71	0.00	1,615,168.71	100.0%
703-03 · Equipment				
703-031 · Security System	164.68			
703-032 · DC Power	24,109.94	0.00	24,109.94	100.0%
703-034 · Microwave	124,077.11	0.00	124,077.11	100.0%
703-03 · Equipment - Other	0.00	0.00	0.00	0.0%
Total 703-03 · Equipment	148,351.73	0.00	148,351.73	100.0%
703-04 · Capital Outlay Service	13,233.16	0.00	13,233.16	100.0%
703-00 · Capital Outlay - Other	0.00	15,800,000.00	-15,800,000.00	0.0%
Total 703-00 · Capital Outlay	6,523,026.09	15,800,000.00	-9,276,973.91	41.3%

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04/07/21

Accrual Basis

Clackamas 800 Radio Group
Profit & Loss Budget vs. Actual
July 2020 through March 2021

	Jul '20 - Mar 21	Budget	\$ Over Budget	% of Budget
795-00 · Debt Service	0.00	0.00	0.00	0.0%
800-00 · Operating Contingency	0.00	100,000.00	-100,000.00	0.0%
999-00 · Unappropriated End Fund Bal	0.00	124,881.00	-124,881.00	0.0%
Total Expense	7,833,410.00	17,563,253.00	-9,729,843.00	44.6%
Net Ordinary Income	116,582.29	0.00	116,582.29	100.0%
Net Income	116,582.29	0.00	116,582.29	100.0%

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Accrual Basis

Clackamas 800 Radio Group Profit & Loss Detail

March 2021

Type	Date	Num	Name	Memo	Class	Amount	Balance
Ordinary Income/Expense							
Income							
431-00 · Interest Income							
Deposit	03/31/2021			Interest		14.68	14.68
Total 431-00 · Interest Income						14.68	14.68
435-00 · Lease Revenue							
Deposit	03/24/2021		FBI	Deposit		130.00	130.00
Deposit	03/24/2021		FBI	Deposit		130.00	260.00
Total 435-00 · Lease Revenue						260.00	260.00
450-00 · Intergovernmental-Clackamas Co							
Deposit	03/12/2021		Clackamas County - Bond Related	February Expenditures - Reim...		102,019.84	102,019.84
Total 450-00 · Intergovernmental-Clackamas Co						102,019.84	102,019.84
Total Income						102,294.52	102,294.52
Gross Profit						102,294.52	102,294.52
Expense							
605-00 · Site Rental							
Bill	03/31/2021		Focus Commercial, Inc.			1,195.00	1,195.00
Total 605-00 · Site Rental						1,195.00	1,195.00
620-00 · Landscape Maintenance							
Bill	03/10/2021	21-0173	Valley View Landworks			3,250.00	3,250.00
Total 620-00 · Landscape Maintenance						3,250.00	3,250.00
625-00 · Generator Maintenance							
Bill	03/31/2021	3002A	Power Systems Plus			525.00	525.00
Bill	03/31/2021	3003A	Power Systems Plus			525.00	1,050.00
Bill	03/31/2021	3004A	Power Systems Plus			525.00	1,575.00
Bill	03/31/2021	3005A	Power Systems Plus			525.00	2,100.00
Total 625-00 · Generator Maintenance						2,100.00	2,100.00
645-00 · Insurance							
Bill	03/01/2021	CHG 2...	Special Districts Insurance Services			6,075.00	6,075.00
Deposit	03/08/2021	059748	Special Districts Insurance Services	Longevity credits		-1,759.00	4,316.00
Total 645-00 · Insurance						4,316.00	4,316.00
650-00 · Utilities							
Check	03/05/2021	EFT	PGE			335.44	335.44
Check	03/05/2021	EFT	PGE			374.85	710.29
Check	03/08/2021	EFT	PGE			32.97	743.26
Check	03/09/2021	EFT	PGE			157.24	900.50
Check	03/10/2021	EFT	PGE			140.04	1,040.54
Check	03/10/2021	EFT	PGE			424.21	1,464.75
Check	03/11/2021	EFT	PGE			195.55	1,660.30
Check	03/12/2021	EFT	PGE			394.28	2,054.58
Check	03/16/2021	EFT	NW Natural			15.99	2,070.57
Check	03/16/2021	EFT	PGE			244.96	2,315.53
Check	03/19/2021	EFT	PGE			367.63	2,683.16
Check	03/22/2021	EFT	PGE			101.37	2,784.53
Check	03/22/2021	EFT	PGE			206.88	2,991.41
Check	03/22/2021	EFT	PGE			305.08	3,296.49
Check	03/22/2021	EFT	PGE			437.96	3,734.45
Check	03/22/2021	EFT	PGE			605.76	4,340.21
Check	03/23/2021	EFT	PGE			129.75	4,469.96
Check	03/24/2021	EFT	PGE			453.93	4,923.89
Check	03/26/2021	EFT	Canby Utility	190236		105.61	5,029.50
Check	03/26/2021	EFT	PGE			164.51	5,194.01
Check	03/26/2021	EFT	PGE			393.07	5,587.08
Total 650-00 · Utilities						5,587.08	5,587.08
655-00 · Consultant Services							
Bill	03/08/2021	CIWD-...	Consistent Image Web Design			100.00	100.00
Bill	03/31/2021	21-3-31	Hartssock Project Mgmt.			4,304.77	4,404.77
Total 655-00 · Consultant Services						4,404.77	4,404.77
660-00 · WCCCA System Fees							
Bill	03/08/2021	INV01...	WCCCA			189,554.25	189,554.25
Total 660-00 · WCCCA System Fees						189,554.25	189,554.25
665-00 · Radio Maintenance Fees							
Bill	03/23/2021	1856	Lexicom Wireless			7,078.95	7,078.95
Bill	03/31/2021	INV67...	Day Wireless Systems Inc.			2,100.00	9,178.95
Bill	03/31/2021	INV67...	Day Wireless Systems Inc.			1,662.09	10,841.04
Bill	03/31/2021	INV67...	Day Wireless Systems Inc.			333.25	11,174.29
Total 665-00 · Radio Maintenance Fees						11,174.29	11,174.29

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04/07/21

Accrual Basis

Clackamas 800 Radio Group Profit & Loss Detail

March 2021

Type	Date	Num	Name	Memo	Class	Amount	Balance
675-00 · Financial Services							
Bill	03/01/2021	160941	Talbot, Korvola & Warwick, LLP			515.00	515.00
Bill	03/02/2021	161009	Talbot, Korvola & Warwick, LLP			515.00	1,030.00
Check	03/31/2021			Service Charge		20.00	1,050.00
Bill	03/31/2021	161134	Talbot, Korvola & Warwick, LLP			515.00	1,565.00
Total 675-00 · Financial Services						1,565.00	1,565.00
685-00 · Miscellaneous Expenses							
Bill	03/09/2021	311344	Pamplin Media Group			50.00	50.00
Total 685-00 · Miscellaneous Expenses						50.00	50.00
703-00 · Capital Outlay							
703-01 · Buildings & Land Improvement							
703-011 · Land Improvement							
Bill	03/04/2021	9506	Securasite LLC		04 Wilsonville T...	81.25	81.25
Bill	03/10/2021	9507	Securasite LLC		02 Skyland/Coo...	2,156.25	2,237.50
Bill	03/11/2021	9508	Securasite LLC		19 Day Hill	38.86	2,276.36
Bill	03/11/2021	9509	Securasite LLC		19 Day Hill	331.25	2,607.61
Bill	03/13/2021	9510	Securasite LLC		40 All	1,637.50	4,245.11
Total 703-011 · Land Improvement						4,245.11	4,245.11
703-013 · Tower							
Bill	03/25/2021	INV67...	Day Wireless Systems Inc.		17 Estacada_D...	1,500.00	1,500.00
Bill	03/30/2021	INV67...	Day Wireless Systems Inc.		40 All	1,554.00	3,054.00
Bill	03/30/2021	INV67...	Day Wireless Systems Inc.		40 All	1,554.00	4,608.00
Bill	03/31/2021	50382	Hatfield & Dawson Consulting Engin...		05 Mount Scott	240.00	4,848.00
Total 703-013 · Tower						4,848.00	4,848.00
Total 703-01 · Buildings & Land Improvement						9,093.11	9,093.11
703-02 · Radio Backbone							
703-021 · Simulcast / Master Site							
Bill	03/01/2021	108949	IES Commercial Inc.		26 CCOM	13,973.55	13,973.55
Bill	03/01/2021	82811...	Motorola Solutions		40 All	391.88	14,365.43
Bill	03/18/2021	41298...	Motorola Solutions		40 All	42,586.91	56,952.34
Bill	03/31/2021	7806	GenCore Candeo Ltd		40 All	30,800.00	87,752.34
Bill	03/31/2021		Redeflyne Moving		40 All	2,500.00	90,252.34
Total 703-021 · Simulcast / Master Site						90,252.34	90,252.34
703-023 · Console Equipment							
Bill	03/31/2021	10454	Timberline Electrical Contractors		28 LOCOM	698.33	698.33
Total 703-023 · Console Equipment						698.33	698.33
703-026 · Cat. 6 Fire Station Alerting							
Bill	03/01/2021	INV66...	Day Wireless Systems Inc.			325.99	325.99
Bill	03/01/2021	9742	US Digital Designs, Inc.		40 All	4,198.50	4,524.49
Bill	03/01/2021	817.50	US Digital Designs, Inc.		40 All	817.50	5,341.99
Total 703-026 · Cat. 6 Fire Station Alerting						5,341.99	5,341.99
Total 703-02 · Radio Backbone						96,292.66	96,292.66
703-03 · Equipment							
703-032 · DC Power							
Bill	03/30/2021	INV67...	Day Wireless Systems Inc.		40 All	777.78	777.78
Bill	03/30/2021	INV67...	Day Wireless Systems Inc.		40 All	777.78	1,555.56
Total 703-032 · DC Power						1,555.56	1,555.56
Total 703-03 · Equipment						1,555.56	1,555.56
Total 703-00 · Capital Outlay						106,941.33	106,941.33
Total Expense						330,137.72	330,137.72
Net Ordinary Income						-227,843.20	-227,843.20
Net Income						-227,843.20	-227,843.20

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04/07/21

Accrual Basis

Clackamas 800 Radio Group

Trial Balance

As of March 31, 2021

	Mar 31, 21	
	Debit	Credit
115-00 · Cash/Checking Account	1,741,829.77	
11000 · Accounts Receivable	195,807.39	
120-00 · Member Fees Receivable	0.00	
12000 · Undeposited Funds	0.00	
150-00 · Prepaid Expenses	0.00	
169-00 · CIP	44,120,952.67	
160-00 · Buildings and Towers	10,956,645.15	
165-00 · Radio Backbone	2,520,898.80	
166-00 · Equipment	1,052,983.00	
167-00 · Work In Progress	0.00	
175-00 · Accumulated Depreciation		11,582,838.71
180-00 · Deferred O/F-P25 Maintenance	5,812,058.44	
201-00 · Accounts Payable		334,258.94
201-02 · Other Accounts Payable	0.00	
202-00 · Partner Prepayment		2,817.05
250-00 · N/P - CCB (Microwave)	0.00	
210-00 · Reimb due Clackamas County	0.00	
300-01 · GLTDAG	0.00	
300-00 · Fund Balance	0.00	
310-00 · Investment in Fixed Assets		47,068,640.91
320-00 · Retained Earnings, Prior		7,296,037.32
405-00 · Members Contracts		66,220.00
410-00 · Partners Fees		1,068,893.20
420-00 · Partners Debt Service Zone Cont	0.00	
430-00 · Subscriber Radio Payments		109,671.73
431-00 · Interest Income		110.52
435-00 · Lease Revenue		36,781.08
440-00 · Miscellaneous Income		251,453.00
450-00 · Intergovernmental-Clackamas Co		6,416,862.76
605-00 · Site Rental	229,676.86	
610-00 · Fuel/Generators	15,567.71	
615-00 · HVAC Maintenance	15,431.39	
620-00 · Landscape Maintenance	22,050.00	
622-00 · Bad Debt Expense	19,350.00	
625-00 · Generator Maintenance	5,632.90	
630-00 · UPS Maintenance	2,646.00	
645-00 · Insurance	57,290.59	
650-00 · Utilities	54,800.13	
655-00 · Consultant Services	40,529.33	
660-00 · WCCCA System Fees	758,217.00	
665-00 · Radio Maintenance Fees	74,593.16	
670-00 · Legal Services	950.00	
675-00 · Financial Services	5,920.00	
680-00 · Audit Fees	6,920.00	
685-00 · Miscellaneous Expenses	708.84	
686-00 · Meeting Expenses	100.00	
703-011 · Land Improvement	4,466,010.21	
703-012 · Building	245,254.28	
703-013 · Tower	9,510.00	
703-014 · Generator	25,498.00	
703-021 · Simulcast / Master Site	1,055,930.57	
703-022 · Subscriber Radios	313,781.48	
703-023 · Console Equipment	9,378.69	
703-024 · Paging	55,795.82	
703-026 · Cat. 6 Fire Station Alerting	180,282.15	
703-031 · Security System	164.68	
703-032 · DC Power	24,109.94	
703-034 · Microwave	124,077.11	
703-04 · Capital Outlay Service	13,233.16	
TOTAL	74,234,585.22	74,234,585.22

Clackamas 800 Radio Group

Balance Sheet

As of March 31, 2021

	Mar 31, 21
ASSETS	
Current Assets	
Checking/Savings	
115-00 · Cash/Checking Account	1,741,829.77
Total Checking/Savings	1,741,829.77
Accounts Receivable	
11000 · Accounts Receivable	195,807.39
Total Accounts Receivable	195,807.39
Total Current Assets	1,937,637.16
Fixed Assets	
169-00 · CIP	44,120,952.67
160-00 · Buildings and Towers	10,956,645.15
165-00 · Radio Backbone	2,520,898.80
166-00 · Equipment	1,052,983.00
175-00 · Accumulated Depreciation	-11,582,838.71
Total Fixed Assets	47,068,640.91
Other Assets	
180-00 · Deferred O/F-P25 Maintenance	5,812,058.44
Total Other Assets	5,812,058.44
TOTAL ASSETS	54,818,336.51
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
201-00 · Accounts Payable	334,258.94
Total Accounts Payable	334,258.94
Other Current Liabilities	
202-00 · Partner Prepayment	2,817.05
Total Other Current Liabilities	2,817.05
Total Current Liabilities	337,075.99
Total Liabilities	337,075.99
Equity	
310-00 · Investment in Fixed Assets	47,068,640.91
320-00 · Retained Earnings, Prior	7,296,037.32
Net Income	116,582.29
Total Equity	54,481,260.52
TOTAL LIABILITIES & EQUITY	54,818,336.51

Clackamas 800 Radio Group
A/R Aging Detail
As of March 31, 2021

Type	Date	Num	Name	Due Date	Aging	Open Balance
Current						
Total Current						
1 - 30						
Total 1 - 30						
31 - 60						
Invoice	02/20/2021	19-323	ODOT	02/20/2021	39	58,453.00
Total 31 - 60						58,453.00
61 - 90						
Invoice	01/05/2021	19-319	Colton Fire	01/05/2021	85	12,577.50
Invoice	01/05/2021	19-320	Colton Fire	01/05/2021	85	3,977.50
Total 61 - 90						16,555.00
> 90						
Invoice	07/31/2018	18-188	Boring Water	07/31/2018	974	860.00
Invoice	07/15/2019	19-240	Boring Water	07/15/2019	625	860.00
Invoice	07/31/2020	19-269	Colton Fire	08/30/2020	213	1,770.00
Invoice	07/31/2020	19-292	Clackamas County - Transportation Eng	08/30/2020	213	12,900.00
Invoice	10/29/2020	19-313	Canby FD	10/29/2020	153	104,409.39
Total > 90						120,799.39
TOTAL						195,807.39



**11300 SE Fuller Rd
Milwaukie, Oregon 97222
(503) 780-4806
C800.ORG**

Board of Directors Action Request

To: C800 Board of Directors
From: John Hartsock, Manager
Date: April 21, 2021
Re: Approval of Budget for FY 2021 / 2022

REQUEST: It is hereby requested that the C800 Board of Directors approve Resolution 01-21 adopting the budget for the Clackamas 800 Radio Group in the amount of \$15,481,925 for FY 2021/2022.

HISTORY: As required by Oregon Revised Statutes the C800 Board of Directors formed a Budget Committee comprised of the Board members to review the budget as proposed by staff. John Hartsock presented the budget to the Budget Committee on March 17, 2020. The Budget Committee approved the budget as submitted and recommended that the Board adopt the budget.

FINANCE: This action will establish the budget for C800 for FY 2021 / 2022

LEGAL: The process has been conducted in accordance with the requirements of the State of Oregon.

RECOMMENDATION: It is recommended that the C800 Board of Directors approve Resolution 01-21 adopting the budget for the Clackamas 800 Radio Group in the amount of \$15,481,925 for FY 2021/2022.

RESOLUTION 01-21

April 21, 2021

BE IT RESOLVED that the Board of Directors of the Clackamas 800 Radio Group hereby adopts the budget for Fiscal Year 2021– 2022 in the amount of Fifteen million, Four Hundred Eighty-One thousand, Nine Hundred Twenty Five dollars (\$15,481,925) now on file at 11300 SE Fuller Rd Milwaukie, Oregon.

BE IT RESOLVED that the amounts for the fiscal year beginning July 1, 2021 for the purposes shown below are here by appropriated.

General Fund:

Personnel	\$ 0.00
Materials and Services	\$ 1,624,702
Debt Service	\$ 0
Capital Outlay	\$ 5,000,000
Operating Contingency	\$ 125,000
Capital Reserves	\$ 150,000
Ending Fund Balance	<u>\$ 7,582,223</u>

Total Appropriation \$15.481,925

The above resolution statements were approved and declared adopted this 21st day of April 2021

Chief Rick Huffman, Chair



Clackamas 800 Radio Group

Fiscal Year 2021 / 2022

Proposed Budget

March 17, 2021

C800 Budget Calendar 2021
January 20, 2021

January 20, 2021	Appoint John Hartsock Budget Officer
February 16, 2021	Publish 1st Notice of Budget Committee Meeting
March 9, 2021	Publish 2nd Notice of Budget Committee Meeting
March 17, 2021	Budget Committee Meeting
April 6, 2021	Publish Notice of Budget Hearing
April 21, 2021	Public Budget Hearing / Budget Approval
June 30, 2021	Submit Budget Document to Dept of Revenue

2021/2022 BUDGET MESSAGE

BACKGROUND

The City of Canby, City of Gladstone, City of Lake Oswego, City of Milwaukie, City of Molalla, City of Oregon City, City of Sandy, City of West Linn, Aurora Fire District, Canby Fire District, Clackamas Fire District Number 1, Colton Fire District, Estacada Fire District, Hoodland Fire District, Molalla Fire District, Sandy Fire District, Tualatin Valley Fire and Rescue, Clackamas County Sheriff, Clackamas County Health (herein after “Partners”) manage an ORS 190 organization named CLACKAMAS 800 RADIO GROUP (C800). The purpose of the CLACKAMAS 800 RADIO GROUP is to own and operate an effective and cost efficient 800MHz public safety communications system to support public safety to benefit and protect the citizens of Clackamas County.

The organizational and governance format provides an effective approach to public safety communications benefiting law enforcement, fire fighters, emergency medical service providers and the public they serve through a cooperative, partner-managed, information sharing, and communication systems/operations.

This is the twentieth budget for C800. An initial budget was prepared in FY 2001/2002 but due to the system not being completed there were no operational funds expended. The system became operational in FY 2002/2003 and operational funds were collected and expended.

Clackamas County provided C800 the funding to construct the original 10 site 800MHz radio system. The C800 partners repaid the County through operating funds. In 2016 Clackamas County on behalf of C800 placed a ballot measure on the ballot for the voters of the County to authorize a \$59M general obligation bond to upgrade and expand the system. The measure passed with a 70% margin of approval. The upgrade project to move the system to P25 digital from analog and expand the system by 14 sites is currently underway.

Washington County Consolidated Communications Agency (WCCCA) provides technical management and maintains the radio system under an Intergovernmental Agreement.

GOAL

The goal of C800 is to provide:

***"AN EFFECTIVE PUBLIC SAFETY VOICE AND DATA
RADIO COMMUNICATIONS SYSTEM OPERATING AT
MAXIMUM EFFICIENCY -- DELIVERING QUALITY
SERVICE -- IN THE MOST COST EFFECTIVE
MANNER."***

FUNCTION OF THE CLACKAMAS 800 RADIO GROUP

CLACKAMAS 800 RADIO GROUP performs the following functions:

- A. Implementation of goals and objectives as established by the C800 Board of Directors including development and implementation of long-range plans to the extent funds are appropriated for that purpose by the Partners.
- B. Adoption of an annual budget and approval of budget modifications as required.
- C. Review and evaluate efforts for effectiveness and conformance with established objectives short and long term.
- D. Approval of new Partners.
- E. Approval of Members who will utilize the radio system and determination of a fee schedule for this use.
- F. Approval of future phases of the Radio System build out including funding strategies for capital and operating costs, recognizing that this power of C800 does not obligate the Partners to participate in the funding or management of future phases assets.
- G. Select and retain personnel as deemed appropriate or required for C800's operations.
- H. Resolve operating problems of the Radio System as brought before the C800 Board.

EXPLANATION OF BUDGET

To enable C800 to perform the above, the Board has directed that a budget be prepared as is allowed under statute for the ORS 190 organization. This is a "Council of Government Budget Process" per ORS 294.900 through ORS 294.930 (as amended 2012). As an ORS 190 organization, CLACKAMAS 800 RADIO GROUP is not permitted to levy taxes.

The revenue for the agency is derived from its Partner contributions, fees and charges instituted for other system users, site use agreements with other entities, grants, and loans.

The Board has adopted a funding formula based upon the number of radios programmed on the system. This formula takes the approved operating cost for C800 and divides it by the number of radios programmed onto the system. This per radio cost is then multiplied against the number of radios programmed by a particular agency on the system thus deriving that agency's cost.

FINANCIAL POLICY

The financial policy of C800 is to run a fiscally sound cost conscience as well as an effective customer service organization. C800 operates on a modified accrual basis for accounting. The Board authorized the retention of the firm Talbot, Korvola, & Warwick, LLP to provide accounting services. Clackamas Fire District provides oversight of payments made on C800's behalf.

C800's budget is being used to operate and maintain the radio system as well as to shape the agency and determine its long-term mission and objectives. Washington County Consolidated Communications Agency (WCCCA) provides technical system management and maintenance of the radio system through an Intergovernmental Agreement with C800.

Personnel loaned by the Partners, consultants, and various vendors perform other duties and services required. Currently there are no personnel retained by the C800 as employees.

FINANCIAL POLICY FEATURES

As outlined above services for the agency will be contracted for or provided by other governmental entities, private sector resources, or Partner agencies by direction of the Board. Likewise, the Board will approve material and service costs as required.

CHANGES FROM PREVIOUS BUDGET

The following outlines the changes from the approved FY 2020/2021. Materials and Services has increased by 14.5%. Changes include a) Site rental by 5.8% due to added sites and lease escalation b) HVAC Maintenance by 12.2% due to added sites c) Landscape maintenance due to added sites (30.1%) d) Generator Maintenance due to added sites (53.4%) e) Insurance cost (9%) f) Added line item for building maintenance g) Utility costs (11.1%); h) WCCCA system fees have increased (14.6%) due to added radio counts and additional personnel; i) Radio maintenance cost due to system support (20%) and j).Added line item for Fire Station Alerting maintenance.

C800 and WCCCA are jointly working on the radio replacement project which includes upgrading the current radio system from analog to digital, improving coverage, and enhancing performance. This project was required due to system age, technology advancements, and the inability to support the current system into the future.

The per radio cost has increased to \$480 of 11.6% due the budget items outlined above. Note it had remained the same from the FY 17/18 or the last four years.

CHANGES IN FINANCIAL POLICY

The financial policy has been approved by Board and there have been no changes.

CONCLUSION

Clackamas 800 Radio Group continues to be an excellent opportunity for the political and public safety jurisdictions; and public safety answering points and dispatch centers; fire and law enforcement and emergency medical service providers; and the citizens of Clackamas County, its cities and districts served by C800. As outlined above C800 is participating with WCCCA to start implementing the upgrade to the Public Safety voice and data radio system across Clackamas and Washington County.

CLACKAMAS 800 RADIO GROUP will provide:

"Superiority in Emergency Communications – because a life is reason enough."

Clackamas 800 Radio Group

March 1, 2021

FY 2021 / 2022 Budget**Revenue**

Account #	Account Description	Actual FY18/19	Actual FY19/20	Budget 20/21	Estimated Final FY 20/21	Proposed FY 21/22	Approved by Budget Committee	Adopted by Governing Board	Increase from FY 20/21
401-00	Cash Resources	7,532,734	6,442,331	1,252,328	7,296,037	7,367,420			1.0%
405-00	Members Contracts	62,641	77,418	68,800	68,000	76,320			10.9%
410-00	Partners Fees	978,358	1,006,630	1,049,200	1,068,895	1,201,920			11.1%
420-00	Partners Debt Service Zone Con	93,689	0	0	0	0			0.0%
421-00	Partners Debt Service Microwave		0	0	0	0			0.0%
430-00	Subscriber Radio Payments	(79,180)	38,051	125,000	115,000	750,000			84.7%
431-00	Interest Income	183	580	800	150	500			70.0%
435-00	Lease Income	18,893	141,184	66,625	40,000	85,265			53.1%
440-00	Miscellaneous Income		0	500	252,000	500			-50300.0%
450-00	Bond Proceeds	18,625,237	17,627,737	15,000,000	11,700,000	6,000,000			-95.0%
455-00	Bond Interest Income	0	0	0	0	0			0.0%
									0.0%
	Total Revenue	27,232,554	25,333,931	17,563,253	20,540,082	15,481,925	0	0	-32.7%

Expense

Account #	Account Description	Actual FY18/19	Actual FY19/20	Budget 20/21	Estimated Final FY 20/21	Proposed FY 21/22	Approved by Budget Committee	Adopted by Governing Board
Personnel	Salary	0	0	0	0	0	0	0
	Benefits	0	0	0	0	0	0	0
	Total Personnel	0	0	0	0	0	0	0

Clackamas 800 Radio Group

March 1, 2021

FY 2021 / 2022 Budget

Account #	Account Description	Actual FY18/19	Actual FY19/20	Budget 20/21	Estimated Final FY 20/21	Proposed FY 21/22	Approved by Budget Committee	Adopted by Governing Board	Increase from FY 19/20
Materials and Services									
605-00	Site Rental	163,880	208,327	212,512	238,500	253,051			5.8%
610-00	Fuel / Generators	12,084	10,770	14,625	17,500	12,500			-40.0%
615-00	HVAC Maintenance	3,816	12,450	22,100	20,200	23,000			12.2%
620-00	Landscape Maintenance	8,460	18,065	13,500	25,800	19,780			-30.4%
621-00	Office Supplies	0	0	1,500	500	750			33.3%
622-00	Bad Debt Expense	0	0	0	19,350	0			0.0%
625-00	Generator Maintenance	1,642	2,643	25,000	9,500	20,400			53.4%
630-00	UPS Maintenance	1,560	5,657	7,500	5,500	3,200			-71.9%
635-00	Battery Maintenance	295	0	5,000	0	12,000			100.0%
640-00	Building Maintenance	0	0	0	0	5,000			100.0%
645-00	Insurance	30,569	39,291	50,000	57,000	62,700			9.1%
650-00	Utilities	53,059	60,804	135,000	84,500	95,000			11.1%
665-00	Consultant Services	49,024	62,726	55,000	64,000	64,000			0.0%
657-00	Regional Radio	0	0	1,500	0	1,500			100.0%
660-00	WCCCA System Fees	746,600	889,024	758,217	758,663	888,651			14.6%
665-00	Radio Maintenance Fees	79,594	20,408	50,000	70,000	60,000			-16.7%
667-00	Radio Replacement Proj	0	0	0	0	0			0.0%
668	Fire Sta Alerting					75,370			100.0%
670-00	Legal Services	9,239	421	7,500	1,500	2,500			40.0%
675-00	Financial Services	7,551	7,422	9,500	7,500	7,800			3.8%
680-00	Audit Fees	6,285	9,600	10,000	6,920	8,500			18.6%
685-00	Miscellaneous Cost	1,486	1,112	7,418	1,500	6,500			76.9%
686-00	Meeting Expense / Web	141	126	2,500	1,000	2,500			60.0%
	Total Material and Services	1,175,285	1,348,846	1,388,371	1,389,433	1,624,702			14.5%
Account #	Account Description	Actual FY18/19	Actual FY19/20	Budget 20/21	Estimated Final FY 20/21	Proposed FY 21/22	Approved by Budget Committee	Adopted by Governing Board	Increase from FY 19/20
683-00	Capital Reserve	0	0	150,000	0	150,000			0.0%
703-00	Capital Outlay	19,521,250	16,689,048	15,800,000	11,700,000	6,000,000			-95.0%
795-00	Debt Service	93,688	0	0	0	0			0.0%
800-00	Operating Contingency		0	100,000	0	125,000			25.0%
	Ending Fund Balance	6,442,331	7,296,037	124,882	7,367,420	7,582,223			2.8%
	TOTAL EXPENSE	27,232,554	25,333,931	17,563,253	20,456,853	15,481,925	0	0	-32.1%

CLACKAMAS COUNTY 800 MHz RADIO SYSTEM

Cost Allocation FY 21/22

March 1, 2021

PARTNER AGENCIES	Attention	TOTAL VOICE RADIOS FY 21/22	Annual Operating Cost per voice radio @	Increase from FY 20/21		FY 20/21 Cost
			\$ 480.00	\$ 50.00	11.6%	
Clackamas County Health (AMR)	Philip Mason	57	27,360	2,850	11.6%	24,510
Aurora Fire		60	28,800	3,000	100.0%	25,800
Boring Fire Dist.	DeAnn Henry	0	-	0		0
Canby Fire	Jim Davis	96	46,080	6,950	17.8%	39,130
Canby Police	Bret Smith	61	29,280	3,050	11.6%	26,230
Clackamas Sheriff	Nancy Artmann	749	359,520	37,450	11.6%	322,070
Clackamas Fire Dist. #1	DeAnn Henry	347	166,560	23,800	16.7%	142,760
Colton Fire		39	18,720	1,950	11.6%	16,770
Estacada Fire	Bob Morrissey	57	27,360	2,850	11.6%	24,510
Gladstone Fire	Mike Funk	41	19,680	(100)	-0.5%	19,780
Gladstone Police	Jim Pryde	40	19,200	2,000	11.6%	17,200
Hoodland Fire		83	39,840	4,150	11.6%	35,690
Lake Oswego Fire	Sue Scobert	92	44,160	6,320	16.7%	37,840
Lake Oswego Police	Sue Scobert	117	56,160	10,150	22.1%	46,010
Lake Oswego Public Works	Sue Scobert	54	25,920	2,700	11.6%	23,220
Milwaukie Police		79	37,920	5,670	17.6%	32,250
Milwaukie Public Works		48	23,040	2,400	11.6%	20,640
Molalla Fire	Vince Stafford	76	36,480	4,230	13.1%	32,250
Molalla Police	Finance	40	19,200	2,000	11.6%	17,200
Oregon City Police	Jim Bend	101	48,480	4,620	10.5%	43,860
Sandy Fire	Phil Schneider	66	31,680	3,300	11.6%	28,380
Sandy Police	Ernie Roberts	46	22,080	2,300	11.6%	19,780
TVF&R / West Linn Fire		30	14,400	1,500	11.6%	12,900
West Linn Police		51	24,480	3,840	18.6%	20,640
West Linn Public Works	Jeff Randall	26	12,480	1,300	11.6%	11,180
Wilsonville - PW		12				0
Wilsonville - Transit		48	23,040	7,560	100.0%	15,480
TOTAL		2,516	1,201,920	145,840	13.8%	1,056,080

CLACKAMAS COUNTY 800 MHz RADIO SYSTEM

Cost Allocation FY 21/22

March 1, 2021

MEMBER AGENCIES	Attention		TOTAL VOICE RADIOS FY 21/22	Annual Operating Cost per voice radio @	Increase from FY 20/21		FY 20/21 Cost
Boring Water District	Larry Alexander		2	960	100	11.6%	860
CC Community College	Bob Cochran		4	1,920	(660)	100.0%	2,580
Clackamas Co Code/Environ	Sandy Hamilton		6	2,880	300	11.6%	2,580
CC Community Corrections	Cris Hoy		50	24,000	2,500	11.6%	21,500
CC District Attorney	Sarah Brown		3	1,440	150	11.6%	1,290
CC Dog Services			5	2,400	250	11.6%	2,150
CC Juvenile	Ellen Crawford		5	2,400	250	11.6%	2,150
CC Medical Examiner	Cathy Phelps	cathyphe@co.clackamas.or.us	6	2,880	300	11.6%	2,580
Clackamas Co Transp/Weigh	Joe Marek		30	14,400	1,500	11.6%	12,900
Clackamas River Water	Lee Moore		4	1,920	200	11.6%	1,720
City of Happy Valley	Steve Campbell		14	6,720	700	11.6%	6,020
Lake Oswego Lake Corp	Christian Stauffer		15	7,200	2,470	52.2%	4,730
Sunrise Water Authority			12	5,760	600	11.6%	5,160
Willamette Shore Trolley	John Nagy		3	1,440	1,010	234.9%	430
TOTAL			159	76,320	9,670	14.5%	66,650

2,675

CCOM			169	0
LOCOM			49	0

COUNTY

800 MHz RADIO

NUMBER OF PUBLIC SAFETY RADIOS

March 1, 2021

AGENCY	Radios
Partners	USER
Clackamas County / AMR	57
Aurora Fire	60
Boring Fire Dist.	0
Canby Fire	96
Canby Police	61
Clackamas Sheriff	749
Clackamas Fire Dist. #1	347
Colton Fire	39
Estacada Fire	57
Gladstone Fire	41
Gladstone Police	40
Hoodland Fire	83
Lake Oswego Fire	92
Lake Oswego Police	117
Lake Oswego Public Works	54
Milwaukie Police	79
Milwaukie Public Works	48
Molalla Fire	76
Molalla Police	40
Oregon City Police	101
Sandy Fire	66
Sandy Police	46
West Linn Fire / TVF&R	30
West Linn Police	51
West Linn Public Works	26
Wilsonville PW	12
Wilsonville Transit	48
Total Partners	2,516

Members	USER
Boring Water District	2
CC Community College	4
Clackamas Cnty Code/Envi	6
CC Comm Corrections	50
CC District Attorney	3
CC Dog Services	5
CC Juvenile	5
CC Medical Examiner	6
Clackamas County Transp	30
Clackamas River Water	4
City of Happy Valley	14
Lake Oswego Lake Corp	15
Sunrise Water Authority	12
Willamette Trolley	3
Total Members	159

Dispatch	
CCOM	169
LOCOM	49
Total Dispatch	218

TOTAL BILLABLE	2,893
-----------------------	--------------

Transp 2	DTD 12	Weigh 5
code 2 Ptbl	comm 2	
code 1 Mbl		

COUNTY
800 MHz RADIO
NUMBER OF PUBLIC SAFETY RADIOS

Mutual Aid	
Amtrak	1
CC Emergency Mgmt	10
Hubbard Fire	5
Monitor Fire	0
ODFWest	0
Reach Medi-Plane	5
Silverton Fire District	0
USFS	15
Woodburn Fire	6
Total Mutual Aid	42

GRAND TOTAL	2,935
-------------	-------

800 MHz RADIO SYSTEM

Radio Site Locations - Site Lease Cost

March 1, 2021

1	Barton	11,801.45
2	Damascus	16,693.55
3	Wilsonville	13,911.29
4	Mt Scott	0.00
5	Mt View Water Tank	0.00
6	Petes Mountain	22,891.81
7	Polivka	7,275.20
8	Sandy	13,911.29
9	View Acres	25,757.53
10	Brightwood	0.00
11	Crutcher	0.00
12	Tom Dick & Harry	0.00
13	Lindhart	0.00
14	Timberline	10,000.00
15	Canby	13,911.29
16	Day Hill	31,426.11
17	Highland	0.00
18	Redland Rd	20,808.00
19	Memaloose	10,000.00
20	Oak Grove	10,000.00
21	Whalehead	0.00
22	Goat Mountain	30,323.40
23	Sawtell	0.00
24	CCOM	0.00
25	Hoodland/Brightwood	0.00
26	LOCOM	0.00
27	OC shop	\$14,340.00
Total		\$ 253,050.91

	OWNER	LOCATION	Lease Cost	Lease Terms	2021/22 Payment	Payment Due	Lease Renewal
		Site Address					
1	McKenzie Family Trust Land Holdings PO Box 1148 Welches, OR 97067	Barton Parcel # 00640480	\$10,800 per year 3% per year escalation / Due Jan 1	Signed 1/31/18 10 years w/ 4-5 year options	\$11,801.45	Jan 1, 2022	1/31/2028
2	Nicholas and McKenie Chully 9330 SE Wooded Hills Ct Damascus, Or 97089	Damascus Tax Lot 13E28B-01401	\$14,400 Per Year 3% per year escalation / Due Jan 1	Signed 2/20/2017 10 years w/ 4 - 5 year options	\$16,693.55	Jan 1, 2022	1/1/2027
3	City of Wilsonville 25799 SW Town Center Loop E Wilsonville 97070	Tax lot 502, Section 1, T3S, R1W, W.M	\$12,000 Per Year 3% per year escalation / Due Jan 1	Signed ----- 10 years w/ 4 - 5 year options	\$13,911.29	Jan 1, 2022	1/1/2028
4	Oregon Department of Transportation 455 Airport Road SE Salem, OR 97301-5375 (503)731-8427 Rolland Arney	Mt. Scott 10999 Ridgeway Dr Happy Valley	Trading tower space for land lease	Signed 2/1/02 25 years	\$0.00		1/31/2027
5	City of Oregon City 320 Warner Milne Rd Oregon City, OR 97045 (503) 657-0891 Nancy Kraushaar	Mt. View Water Tank 415 Mountain View St. Oregon City	\$1.00 per year System Partner	10 Year Lease / No date on lease - assume Aug 26, 2003 w/ two five year options	\$0.00		8/26/2013 8/26/2018 8/26/2023
6	BBS Property Mgmt Lewis Snader 918 Schaeffer Rd West Linn, OR 97068 (503) 705-7994	Pete's Mountain 1775 Schaeffer Rd West Linn	\$12,000 per year / 2% per year escalation - Due January 1 / Increased by \$5,200 per year 2019 for expansion	Signed 8/7/01 10 yrs w/ 2 5yr options - 2019 added 6 5yr options	\$22,891.81	Jan 1, 2022	7/6/2021 7/6/2026 7/6/2031 7/6/2036 7/6/2041 7/6/2046 7/6/2051

7	Boring Water Dist PO Box 66 Boring, OR 97009 (503) 663-4594 Larry Alexander	Polivka Hill Water Tank 26230 Wally Rd Boring	\$4,800 per year 2% per year escalation Due January 1	Signed 8/7/01 10 years w/ 2 - 5yr options	\$7,275.20	Jan 1, 2022	7/30/2011 7/30/2016 7/30/2021
8	Darren Mc Ara/Tami McAra /Brenda Tinjurn/Robert Lux 3516 Kelso Rd Boring, OR 97009	Sandy 38275 Marcy St Sandy, OR 97055	\$12,000 Per Year 3% per year escalation / Due Jan 1	Signed 9/19/2016 10 years w/ 4 - 5 year options	\$13,911.29	Jan 1, 2022	9/1/2026 9/1/2031 9/1/2036 9/1/2041
9	Oak Lodge Water District 14496 SE River Road, Milwaukie OR 97267 (503) 654-7765 Katherine Willis	View Acres 4410 SE View Acres Milwaukie	\$25,000 per year /1% per year escalation	Signed 3/26/18 20 years w/ 2 - 5yr options	\$ 25,757.53	June 30, 2021	7/1/2037 7/1/2042 7/1/2047
10	US Dept of Interior Salem Dist Office 1717 Fabry Stree SE Salem 97306	Brightwood WM T2S R6E S14 SW1/4 NE1/4 SE1/4 NE1/4	\$0	Signed 5/1/06 20 years request new lease in 2025	\$0.00		4/1/2026
11	US Dept of Interior Salem Dist Office 1717 Fabry Stree SE Salem 97306	Crutcher Bench	\$0	Signed 2/1/18 25 years request a new lease in 2043	\$0.00		12/31/2043
12	US Dept of Agriculture Forest Service Mt Hood National Forest 16400 Champion Way Sandy, OR 97055	Tom Dick & Harry	\$0		\$0.00		
13	State of Oregon Department of Forestry North Cascade District 22965 N Fork Road SE Lyons, OR 97358 Gregg Cline	Lenhart Butte Tax lot 400 SW1/4 of NW1/4 of SW1/4 of S35 T2S R5 WM	\$0	Signed 8/11/05 10 years w/ 5 year extensions	\$ -		7/11/2015 7/11/2020 7/11/2025
14	US Dept of Agriculture Forest Service Mt Hood National Forest 16400 Champion Way Sandy, OR 97055	Timberline WM S6, T 3S, R 9E	Use Fee PGE \$10,000	Signed 10/21/2013 29 years request new lease in 2040	\$ 10,000.00		1/1/2042
15	Zimmer Family Limited Trust 28485 S Sundowner Court Canby, OR 97013	Canby Parcel # 00797828 Canby, OR 97013	\$12,000 Per Year 3% per year escalation / Due Jan 1	Signed 7/29/2016 10 years w/ 4 - 5 year options	\$13,911.29	Jan 1, 2022	8/1/2026 8/1/2031 8/1/2036 8/1/2041
16	Cascade Utilities Inc d/b/a Reliance Connects PO Box 189 Estacada, OR 97023	23151 S. Day Hill Road Estacada, OR 97023	\$15,000 per year w/ a 3% adjustment anually	Signed 7/13/15 10Years w/ 4 5 year options	\$31,426.11	Jan 1, 2022	1/1/2025
17	US Dept of Interior Salem Dist Office 1717 Fabry Stree SE Salem 97306	Highland Butte	\$0	Signed 2/1/18 29 years request a new lease in 2047	\$0.00		12/31/2047
18	David Staats 20062 S. Redland Rd Oregon City, OR 97045 971 563-1983 Jana Staats <3rvision@gmail.com>	Redland Road 20062 S. Redland Rd Oregon City	\$9,600 per year 2% per year escalation Due January 1	Signed 8/30/01 10 years w/ 2 - 5yr options	\$20,808.00	Jan 1, 2022	7/30/2011 7/30/2016 7/30/2021

19	US Dept of Agriculture Forest Service Mt Hood National Forest 16400 Champion Way Sandy, OR 97055	Memaloose	Use Fee PGE \$10,000	Signed 7/15/2019 30 years	\$10,000.00		5/31/2049
20	US Dept of Agriculture Forest Service Mt Hood National Forest 16400 Champion Way Sandy, OR 97055	Oak Grove Butte	Use Fee PGE \$10,000	Signed 7/15/2019 30 years	\$10,000.00		5/31/2049
21	US Dept of Agriculture Forest Service Mt Hood National Forest 16400 Champion Way Sandy, OR 97055	Whale Head	0	Signed 7/15/2019 30 years	\$0.00		5/31/2049
22	Weyerhaeuser Company 37904 Brewster Road Lebanon, OR 97355 Attn: Land Use Manager	Goat Mt. T55 R2E Sect 7 Lots 3900 & 4000	\$12,000 per year 5% per year escalation Due July 29	Signed 10/23/02 10 years w/ 2 - 5yr options	\$ 30,323.40	July 29, 2021	9/22/2012 9/22/2017 9/22/2022
23	Molalla Fire District 320 N Molalla Ave Molalla, OR 97038 Stafford	Viince Sawtell 36715 S Sawtell RD Molalla, OR 97038	\$0	Signed 6/6/16 5 years w/ 5- 5 year extensions	\$0.00		6/6/2021 5/5/2026 5/5/2031 5/5/2036 5/5/2041 5/5/2046
25	Clackamas County 901 Main St, Oregon City, OR 97045 (503) 655-8581 County Administrator	CCOM Prime Site 2200 Kaen Rd, Oregon City	\$0 County Owned Property	No Lease	\$0.00		None
26	Hoodland Fire	Brightwood Station	\$7,000 per year with 3% per year escalation first 25 years offset by the provision of equipment as outlined in Amendment #1	Signed 2/12/2019 Amendment #1 Signed 4/17/20 - 25 years w/ 2 - 5 yr options	\$0.00		4/17/2045
27	City of Lake Oswego 351 1st Street Lake Oswego, OR 97037 (503) 635-0252 Leslie Taylor	LOCOM Dispatch Site 351 1st Street Lake Oswego	\$0 City Owned Property	No Lease	\$0.00		None
	Oregon City Shop 404 Beavercreek Rd suite 234 Oregon City OR 97045 Focus Commercial Inc 410 Beavercreek Rd Oregon City OR 97045	OC Shop	\$1195 per month	Signed 12/14/20 one year	\$14,340.00	Monthly	

\$253,050.91

WCCCA FY22

March 1, 2021

800 System Maintenance Cost

Object#	Description	credits	Allocable WCCCA Budget	FY21	WCCCA Allocation	C800	FY 21	Newberg/Dundee
	Radios		100% 7,095		58.58% 4,156	39.52% 2,804	2,690	1.90% 135
	Radio FTE		9.62% 9.95					
	Radio Space		25.5% 6,251					
Radio Department								
5XXX	SALARIES		1,040,869	1,465,672	609,704	14.9% 411,360	575,050	19,805
52XX	BENEFITS		631,183	in above	369,725	249,449	in above	12,010
5300	OFFICE SUPPLIES		1,300	1,280	761	514	-	25
5301	RADIO SUPPLIES		12,000	12,500	7,029	-2% 4,742	4,836	228
5303	UNIFORMS		4,000	3,150	2,343	30% 1,581	1,219	76
5323	FOOD/REFRESHMENTS		320	800	187	-45% 126	232	6
5330	NONCAPITAL FURNITURE & EQUIP		800	10,000	469	-92% 316	3,869	15
5340	SOFTWARE UPGRADES		3,200	3,200	1,874	2% 1,265	1,238	61
5350	FUEL		10,000	9,300	5,858	10% 3,952	3,598	190
5360	RADIO INFRASTRUCTURE MATERIALS		69,000	68,850	40,418	2% 27,269	26,638	1,313
5363	M & R VEHICLES		8,600	9,600	5,038	-8% 3,399	3,714	164
5368	MAINTENANCE AGREEMENTS		45,550	85,250	26,682	100% 18,002	-	867
5430	TELEPHONE		100	96	59	7% 40	37	2
5431	ADMIN. TELEPHONE		5,300	4,800	3,105	13% 2,095	1,857	101
5461	TRAINING		3,175	2,600	1,860	25% 1,255	1,006	60
5462	TRAVEL EXPENSE		3,500	3,160	2,050	13% 1,383	1,223	67
5472	EMPLOYEE RECOGNITION/AWARDS		300	-	176	100% 119	-	6
5500	SUBSCRIPTIONS		300	590	176	-48% 119	228	6
5505	MEMBERSHIP DUES		590	-	346	100% 233	-	11
5510	SHIPPING & POSTAGE		500	500	293	2% 198	193	10
5572	ADVERTISING/PUBLIC NOTICES		650	750	381	-11% 257	290	12
5700	Capital Outlay		38,000	74,000	22,259	-48% 15,018	28,631	723
	Radio Department Total		\$ 1,879,237	1,756,098	\$ 1,100,791	14% \$ 742,689	\$ 653,859	\$ 35,757
Facilities Proposed Budget								
	1,483,900		379,133		222,082	149,836		7,214
	5361 credit: Zone controller	(300,000)			31,751	(30,292)		(1,458)
	5361 credit: Fiber provisioning for dispatch	(123,000)			13,018	(12,420)		(598)
	5361 credit: Split 9-1-1 switch	(68,000)			7,197	(6,866)		(331)
	5368 credit: Recombine 9-1-1 switch new fr	(64,000)			6,774	(6,462)		(311)
	Dept. 600 costs <\$53k not applicable to radi	(378,500)			40,059	(38,219)		(1,840)
	<i>allocated amount based on square footage</i>		379,133		320,880	129% 55,576	24,290	2,676

Data Services Proposed Budget

2,399,656	230,803	135,196	91,215	4,392
57xx credit: New facility soft costs (436,000)		46,145	(44,025)	(2,120)
5336 credit: MAJCS CAD expense (268,773)		28,446	(27,139)	(1,307)
5414 credit: CAD Manager (70,683)		7,481	(7,137)	(344)
5368 credit: GCSIT MAJCS maint. (6,553)		694	(662)	(32)

<i>allocated amount based on Radio % of FTE</i>	230,803	217,961	100.0%	12,252	-	590
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Admin Proposed Budget

1,811,500	174,233	102,060	68,858	87,971	3,315
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<i>allocated amount (FTE)</i>	174,233	102,060	100.0%	68,858	87,971	3,315
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HR Proposed Budget

244,005	23,469	13,747	9,275	-	447
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<i>allocated amount (FTE)</i>	23,469	13,747	100.0%	9,275	-	447
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Total Radio Dept. Allocable Costs

2,686,875	1,755,439	888,651	758,217	42,785
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Cost per radio	\$ 378.70	\$ 422.39	12.4%	\$ 316.92	\$ 281.86	\$ 316.92
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WCCCA Radios

349

Total Radios less WCCCA Radios

3,807

Billable WCCCA User Cost/Radio

\$ 461.11

Total allocated non-radio expense

807,638 for inclusion in the User Fee Model, Budget & User Alloc tab D36

RADIO PROJECT STATUS

Emergency Communication System Upgrade

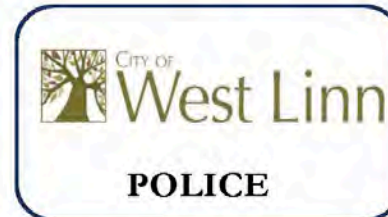
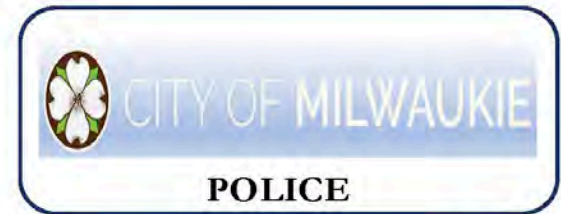
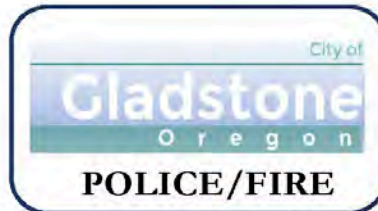
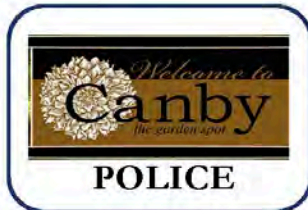
C800 Project Leader: John Hartsock

WCCCA Project Leader: Ron Polluconi

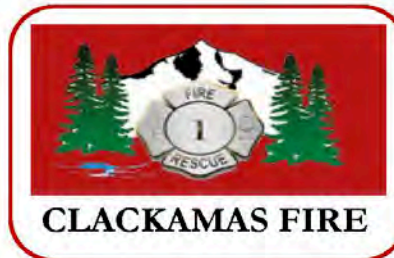
C800 Project Manager: Bjorn Morfin

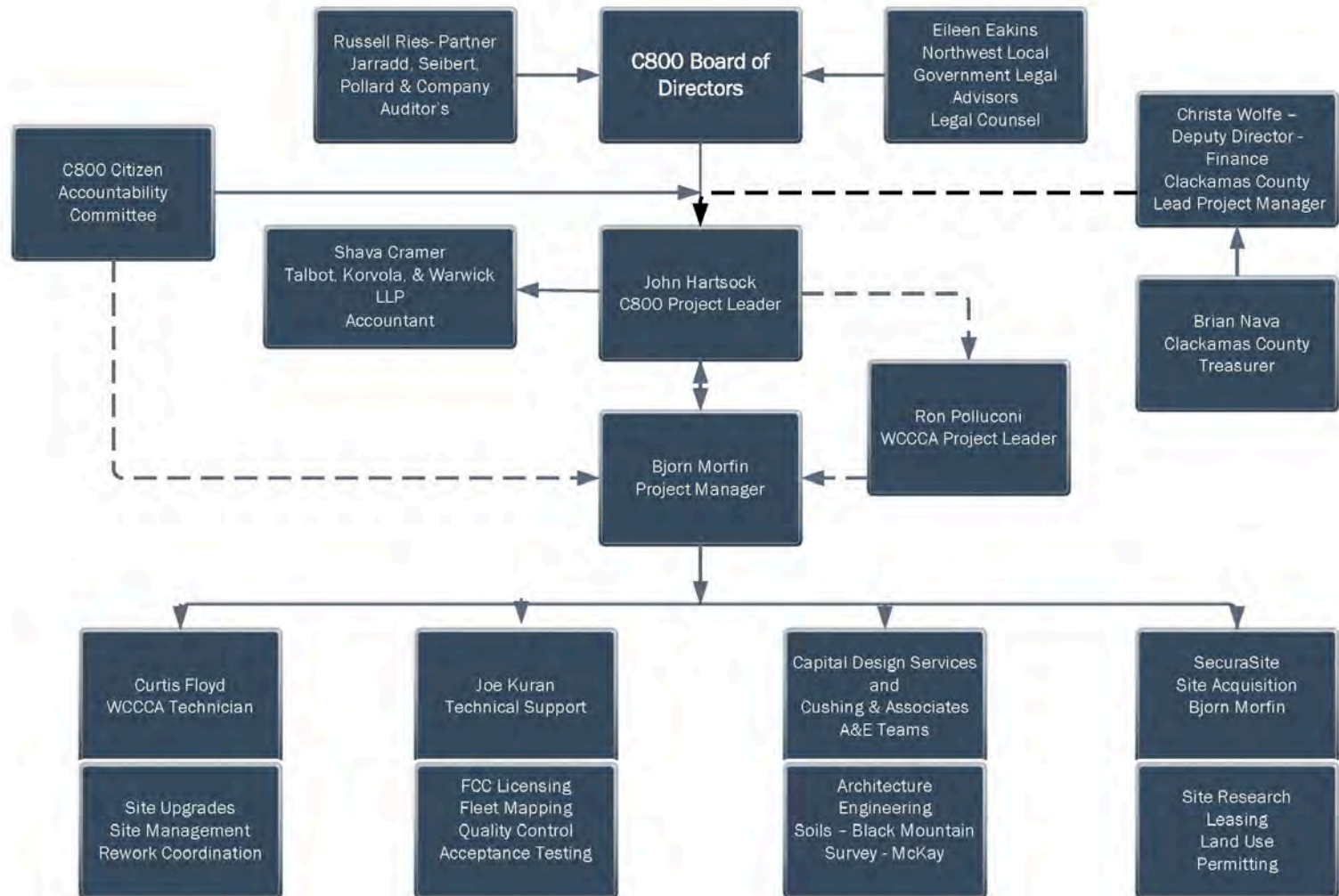
Date: April 21, 2021





THE EIGHTEEN PUBLIC SAFETY AGENCIES THAT MAKE UP CLACKAMAS 800 RADIO GROUP





Clackamas 800 Radio Group Radio Replacement Project

Project Status Existing Sites Summary

13 Existing Radio Sites Design / Construction

- **Brightwood / Day Hill / Lenhart / Mt. Scott / Mt. View / Pete's / Polivka / Redland Rd / Sawtell / View Acres / Goat Mtn :** Complete
- **Timberline:** new generator and 1,000-gal fuel tank to be scheduled
- **CCOM:** New Uninterruptable Power System for Master Site Equipment / revisions to fire suppression system / new cable tray work complete. Replacement of consoles complete. Installation of dispatch floor ground ring complete
- **LOCOM:** New consoles and move to new facility – complete



Project Status New Sites Summary

14 New Sites Acquisition / Design / Construction:

- **Barton / Canby / Crutcher Bench / Damascus / Highland Butte / Hoodland Fire / Sandy / Wilsonville** : Complete.
- **Tom Dick & Harry / Memaloose / Whale Head / Oak Grove (USFS):**
 - Memaloose** – Construction complete – possible fire damage / waiting for completion of utility power – anticipate June 2021 due to access / weather
 - Whalehead** – Construction complete – possible fire damage / waiting for completion of utility power – anticipate June 2021 due to access / weather
 - Oak Grove** – Construction 40% complete – turn over August 2021 due to access / weather.
 - TD&H** - Awaiting USFS final approval / Ski Bowl easement complete / anticipate construction start June 2021 complete August
- **Two Sites for Lake Oswego / West Linn area** - for in-building coverage - on hold for more research and public meeting



Project Schedule

- Existing Sites Upgrade complete - November 2020
- New Site Design & Construction Complete / Except for HWY 224 sites – anticipate July 2021 and Tom Dick & Harry anticipate August 2021 / Lake Oswego - TBD
- System Operational Date: June 2021
- System Complete: December 2021
- Lake Oswego in building coverage sites – To Be Determined



C800 Radio System Upgrade Budget ⁽¹⁾

Project:	C800 Radio System Upgrade		
Date Original:	10/1/2015	Date Updated:	April 1, 2021
Project Manager:	Bjorn Morfin		

Item	Budget	Original Encumbrance	Additional Encumbrance / Change Order	Estimate to Complete	Percent Complete	Estimated Total	(Over) Under Budget	Expended
Soft Cost								
Site Acquisition Consulting - Quest	60,000	25,000	45,000	(2,930)	100.00%	67,070	(7,070)	67,069.81
Site Acquisition Consulting / Permits - Securacite	320,000	321,250	293,654	0	90.95%	614,904	(294,904)	559,261.37
Site Planning A&E - Cushing/Capital/Cundiff/Forensic/KPFF/SD C/ToddHess	725,000	692,391	468,930	(230,000)	98.46%	931,321	(206,321)	917,006.70
Geotechnical / Environmental Consulting - Black Mtn	250,000	443,670	60,000	0	98.58%	503,670	(253,670)	496,515.22
Survey - McKay	75,000	129,835		0	90.99%	129,835	(54,835)	118,135.00
USFS Land Use Fees	15,000	10,000	40,000	5,000	89.94%	55,000	(40,000)	49,465.23
Land Use Fees	25,000	9,400	0	0	99.35%	9,400	15,600	9,339.00
Plan Check / Permit Cost	60,000	10,000	0	0	95.25%	10,000	50,000	9,525.20
Printing	2,500			500	0.00%	500	2,000	0.00
Bid Advertising	3,500	1,300	0	300	89.34%	1,600	1,900	1,429.43
Testing & Inspection (In Site Const)	40,000	2,700	0	0	97.18%	2,700	37,300	2,623.75
Project Management	300,000	384,000	325,000	0	94.00%	709,000	(409,000)	666,491.24
Legal Fees	30,000	21,000	0	5,000	80.92%	26,000	4,000	21,038.74
Licensing	20,000	69,000		5,000	93.10%	74,000	(54,000)	68,890.50
Miscellaneous	30,000	88,000	10,000	15,000	98.64%	113,000	(83,000)	111,465.38
Sub-Total Soft Cost	1,956,000	2,207,546	1,242,584	(202,130)	95.39%	3,248,000	(1,292,000)	3,098,257
Construction Cost								
Site Construction	8,895,000	12,596,753	4,400,000	1,000,000	94.40%	17,996,753	(9,101,753)	16,989,408.38
Buildings	1,350,000	2,018,663	16,000		100.00%	2,034,663	(684,663)	2,034,699.60
Towers	660,000	1,383,357	247,000		100.26%	1,630,357	(970,357)	1,634,593.31
Generator	500,000	513,196	150,000		99.57%	663,196	(163,196)	660,374.31
48VDC	1,065,000	1,443,767	0		89.58%	1,443,767	(378,767)	1,293,343.66
Lake Oswego Antenna	18,000	17,500	0	0	100.07%	17,500	500	17,511.75
Sub-Total Construction Cost	12,488,000	17,973,236	4,813,000	1,000,000	95.14%	23,786,236	(11,298,236)	22,629,931.01

C800 Radio System Upgrade Budget (2)

Project Financial Status

Project:	C800 Radio System Upgrade		
Date Original:	10/1/2015	Date Updated:	April 1, 2021
Project Manager:	Bjorn Morfin		

Item	Budget	Original Encumbrance	Additional Encumbrance / Change Order	Estimate to Complete	Percent Complete	Estimated Total	(Over) Under Budget	Expended
Equipment Costs								
Simulcast Equipment	20,726,000	19,993,440	672,036	2,000,000	88.00%	22,665,476	(1,939,476)	19,945,987.91
Paging	373,000	269,228	50,000	75,000	94.22%	394,228	(21,228)	371,429.64
Subscriber Radios	5,000,000	9,409,958	295,032	(5,000,000)	78.29%	4,704,990	295,010	3,683,748.20
Asset Management	119,000	203,197		25,000	0.00%	228,197	(109,197)	0.00
Post Warranty / System Refresh	5,800,000	5,812,058		0	100.00%	5,812,058	(12,058)	5,812,058.44
Test Equipment	100,000			100,000	0.00%	100,000	0	0.00
Microwave	3,368,000	2,671,467	600,000	75,000	92.43%	3,346,467	21,533	3,093,082.55
Security System	1,364,000	440,540		50,000	0.25%	490,540	873,460	1,244.64
Fire Station Alerting	0	1,697,407	43,000	0	99.87%	1,740,407	(1,740,407)	1,738,143.84
Subtotal Equipment Costs	36,850,000	40,497,295	1,660,068	(2,675,000)	87.75%	39,482,363	(2,632,363)	34,645,695
Bond Cost	300,000	290,372	33,200	0	104.08%	323,572	(23,572)	336,781
Subtotal Project Cost	51,594,000	60,968,448	7,748,852	(1,877,130)	90.83%	66,840,170	(15,246,170)	60,710,663
Additional Proceeds	6,528,981					(6,528,981)	6,528,981	
Adjusted Project Costs	58,122,981	60,968,448	7,748,852	(1,877,130)	90.83%	60,311,189	(8,717,189)	
Contingency	7,406,000						7,406,000	
Total Project Cost	65,528,981	60,968,448	7,748,852	(1,877,130)		60,311,189	(1,311,189)	60,710,663.39

Bond Proceeds	5,845,000	Taxable
	53,155,000	Non Taxable
	59,000,000	
Additional Proceeds	3,853,981	Subscriber Radio Payments
	2,675,000	PGE Payment
	6,528,981	
Total Proceeds	65,528,981	

Premium Bond Proceeds	7,165,794
Interest Income	1,032,112
Additional Funds	8,197,906
County oversight fees	(100,000)
Total Available	8,097,906
Draw Feb 18, 2021	(4,500,000)
Balance	3,597,906

Q2 - 2021 Quarterly Outlook

	C800
<ul style="list-style-type: none">• Procurement	<ul style="list-style-type: none">• Complete
<ul style="list-style-type: none">• Leases & Land Use Applications	<ul style="list-style-type: none">• Lake Oswego sites
<ul style="list-style-type: none">• Site Construction	<ul style="list-style-type: none">• Memaloose / Whalehead / Oak Grove Butte / Goat Mt / Tom Dick & Harry
<ul style="list-style-type: none">• Radio / Microwave	<ul style="list-style-type: none">• Continue radio infrastructure install• Continue microwave system install• Continue radio coverage testing• Finalize subscriber radio distribution and existing radio upgrades

Project Goal:

To create an efficient, dependable public safety radio communications system that works in all parts of Clackamas County!

