

# CLACKAMAS C800 RADIO GROUP

## BOARD OF DIRECTORS MEETING AGENDA

April 19, 2017 / 10:30AM

Meeting to be held at: CCOM - EOC 2200 Kaen Rd Oregon City, OR

Call In 800-704-9804 / Access Code: 345832#

1. Call the Board of Directors meeting to Order - Chair Captain James Rhodes
2. Roll Call of Partners: (16/9)

|                        |                                      |                                  |
|------------------------|--------------------------------------|----------------------------------|
| a. City of Canby       | g. City of Sandy                     | m. Sandy Fire District           |
| b. City of Gladstone   | h. City of West Linn                 | n. Tualatin Valley Fire & Rescue |
| c. City of Lake Oswego | i. Canby Fire District               | o. Clackamas County Sheriff      |
| d. City of Milwaukie   | j. Clackamas County Fire District #1 | p. Clackamas County Health       |
| e. City of Molalla     | k. Estacada Fire District            |                                  |
| f. City of Oregon City | l. Molalla Fire District             |                                  |
3. \*Approval of Minutes of: March 15, 2017 Board Meeting
4. Public Comment
5. Communications
6. Financial Report - John Hartsock
7. \*Presentation, Public Hearing, and Acceptance of the FY 2017/2018 Proposed Budget
8. Committee Reports
  - a. Executive Committee - James Rhodes
  - b. Technical - John Hartsock
  - c. Citizen Accountability - John Hartsock
9. Old Business: (\* Action Item)
  - a. System Management: Ron Polluconi
  - b. Expansion of East County System - Molalla - Ron Polluconi / John Hartsock
  - c. System Upgrade/Replacement
    - i. Project procurement - John Hartsock
    - ii. Project Status - John Hartsock / Ken Seymour
10. New Business: (\* Action Item)
  - a. \*Approve Hoodland Fire Partnership
  - b. \*Approve amendment to Cushing contract
  - c. \* Approve amendment to Securasite contract
  - d. \* Accept Radio RFQ Results / Authorize Staff to Negotiate a Contract with Motorola Solutions Inc.

e. **Next Board Meeting May 10, 2017 10:30A @ CCOM - EOC**

11. Open Agenda

12. Adjournment

# CLACKAMAS C800 RADIO GROUP

## Board of Directors Meeting

### Meeting Minutes of the March 15, 2017 Board Meeting

Location: CCOM/EOC - 22200 Kaen Rd, Oregon City, OR

1. **C800 Board Meeting Called to Order:** The C800 Board of Directors meeting was called to order at 10:30 am by Chair Captain James Rhodes.
2. **The following were in attendance:**

|  |  |
|--|--|
| <p><b>City of Gladstone</b> / Fire - Chief Tom O'Connor / PD - Lt. Greg Fryett</p> <p><b>City of Lake Oswego</b> / Leslie Taylor / PD - Capt. Dale Jorgenson</p> <p><b>City of Milwaukie</b> / Chief Steve Bartol</p> <p><b>City of Molalla</b> / Chief Rod Lucich</p> <p><b>City of Sandy</b> / Chief Ernie Roberts (phone)</p> <p><b>City of West Linn</b> / PD - Capt. Neil Hennelly</p> <p><b>Canby Fire</b> / Chief Jim Davis</p> <p><b>Clackamas Fire</b> / Chief Fred Charlton / Deputy Chief Ryan Hari / Amanda Neelands</p> <p><b>Estacada Fire</b> / Chief Bob Morrissey (phone)</p> <p><b>Molalla Fire</b> / Chief Jim Davis (Proxy)</p> <p><b>TVF&amp;R</b> / Chief Mark Havener</p> | <p><b>CCSO</b> / Capt. James Rhodes</p> <p><b>Clackamas County Health</b> / Philip Mason</p> <p><b>Clackamas County</b> / Laurel Butman / Brian Nava</p> <p><b>Hoodland Fire</b> / Chief John Ingrao / SFF Joe Schwab</p> <p><b>MAJCS</b> / Mike Fletcher</p> <p><b>CCOM</b> / Bob Cozzie / Cheryl Bledsoe / Mark Spross / Gerry Wiess</p> <p><b>Day Wireless</b> / Jamie Sanderson / Randal Kruger / Bill Frey</p> <p><b>WCCCA / C800</b> / Ken Seymour / John Hartsock / Ron Polluconi</p> |
|--|--|
3. **Approval of Minutes – February 8, 2017 Board Meeting:** Jim Davis made a motion to approve the minutes as submitted and second was made by Fred Charlton. A unanimous vote was cast to approve the minutes.
4. **Public Comment:** None
5. **Communications:** None
6. **Financial Report – John Hartsock:** Financial report is included in the packet for the month of February. Chief Charlton queried why the interest project was so low seeing how the Bond funds are now in the bank. John advised that the County and C800 are working on the issue of interest earnings and more will be outlined at a future meeting.
7. **\*Presentation and Acceptance of the FY 2017/2018 Proposed Budget – John Hartsock**
  - a. The formal approval of the budget will take place at next month's meeting
  - b. Changes in this FY budget
    - i. Site rental is up 27% due to added sites for radio system upgrade
    - ii. Insurance is up slightly and is provided through Special Districts Assoc
    - iii. Radio maintenance is up due to aging infrastructure.
    - iv. WCCCA cost is up about 28% because they are adding another technician and they reevaluated overhead costs
    - v. Cost per radio is up 10% due to the above cost increases
  - c. Please email/call any questions or comments before next month's meeting

## **8. Committee Reports:**

- a. Executive Committee – Fred Charlton -
  - i. Did not meet.
- b. Technical – John Hartsock
  - i. Did not meet.
- c. Citizen Accountability Committee – John Hartsock
  - i. Will meet next week at Canby's police facility.

## **9. Old Business:**

- a. System Management – Ron Polluconi
- b. Linhart – Outage / Fail Soft / Site Trunking Issue
  - i. Had a human induced failure into the system, it looked as if someone had accidentally shot a hole through one of the lines.
  - ii. The new C800 system will have multiple points so there will no longer be an issue of single point failures.
  - iii. Site access, fuel, and general maintenance are all in good shape. No issues.
- c. Expansion of East County System – Molalla – Ron Polluconi / John Hartsock
  - i. Sawtell: All installation is completed except microwave. To complete the microwave link we are waiting on the mounting frame for Goat Mountain, which is anticipated next week and then the site will come on.
- d. System Upgrade/Replacement – Ron Polluconi
  - i. Microwave Upgrade Status
    - 1. Final acceptance testing is done. There were some issues on the Washington County side during upgrades and acceptance testing on the west side of the county. Just waiting on the final sign off.
  - ii. Project Procurement - John Hartsock
    - 1. We have received the RFQ responses from Harris and Motorola. The team is going to do the review April 4 and 5. We will have a recommendation by the April meeting.
    - 2. We are finishing up the generator invitation to bids which will go out next week.
    - 3. The first site we will build will be Sandy followed by Canby.
  - iii. Project Status – John Hartsock
    - 1. Carver and Lake Oswego are the only two outstanding sites awaiting selection.
    - 2. We selected Saber for our towers and GFRC for our shelters. We also received FAA approval for the site in Wilsonville.
    - 3. Project Status hasn't changed since our last meeting, the dates are still the same.
    - 4. See handout for project budget and quarterly audit.
    - 5. Structural analysis continues through March.

iv. Fred Meyer Update – Fred Charlton

1. There was no radio communication in the new Happy Valley Fred Meyer. The fire marshal's office had the developer install a BDA which will remedy the problem.

**10. New Business:**

- a. \*Award Communications Tower Contract
  - i. A motion was made by Neil Hennelly and seconded by Steve Bartol to award a construction purchase order in the amount of \$517,967 to Saber Industries. A unanimous vote was cast in favor.
- b. \*Award Communications Shelter Contract
  - i. A motion was made by Rod Lucich and seconded by Neil Hennelly to award a construction purchase order in the amount of \$1.1 million dollars to GFRC for 12 communication shelters. A unanimous vote was cast in favor.
- c. \*Authorize Damascus Communication Site Lease
  - i. A motion was made by Steve Bartol and seconded by Neil Hennelly to approve the Damascus Communication Site Lease. A unanimous vote was cast in favor.
- d. Subscriber Radio Cost Recovery
  - i. A handout was provided to outline the history and policy for Bond payment for subscriber radios and to show the allocation per agency.
  - ii. Reimbursement for radios purchased this year (2015/2016) will be available in this fiscal year.
- e. ISSI for State Radio Project
  - i. ODOT and State Police have carried multiple portables so that they could communicate with WCCCA and C800. To resolve this issue the State will be paying for an ISSI connection to the WCCCA/C800 system to link the State Radio Project to the WCCCA/C800 system.
  - ii. The State Radio Project has to be done and paid for by the end of this fiscal year.
- f. **Next Board Meeting – April 19, 2017 10:30am at CCOM/EOC**

**11. Open Agenda:** None

**11. Adjournment:** Meeting was adjourned at 11:23 am by Chair Captain James Rhodes

# Clackamas 800 Radio Group

## Profit & Loss Budget vs. Actual

### July 2016 through March 2017

|  | Jul '16 - Mar 17    | Budget                | \$ Over Budget        | % of Budget   |
|--|---------------------|-----------------------|-----------------------|---------------|
| <b>Ordinary Income/Expense</b>                         |                     |                       |                       |               |
| Income   |                     |                       |                       |               |
| 401-00 · Beginning Fund Balance                        | 0.00                | 0.00                  | 0.00                  | 0.0%          |
| 405-00 · Members Contracts                             | 58,040.00           | 59,640.00             | -1,600.00             | 97.3%         |
| 410-00 · Partners Fees                                 | 847,710.00          | 889,980.00            | -42,270.00            | 95.3%         |
| 415-00 · Mobile Data Devices                           | 0.00                | 0.00                  | 0.00                  | 0.0%          |
| 420-00 · Partners Debt Service Zone Cont               | 95,624.00           | 93,689.00             | 1,935.00              | 102.1%        |
| 421-00 · Partner Debt Service Microwave                | 52,388.00           | 52,388.00             | 0.00                  | 100.0%        |
| 431-00 · Interest Income                               | 11.15               | 100.00                | -88.85                | 11.2%         |
| 435-00 · Lease Revenue                                 | 17,362.84           | 44,368.00             | -27,005.16            | 39.1%         |
| 440-00 · Miscellaneous Income                          | 0.00                | 1,000.00              | -1,000.00             | 0.0%          |
| 450-00 · Intergovernmental-Clackamas Co                | 798,716.34          |                       |                       |               |
| <b>Total Income</b>                                    | <b>1,869,852.33</b> | <b>1,141,165.00</b>   | <b>728,687.33</b>     | <b>163.9%</b> |
| <b>Gross Profit</b>                                    | <b>1,869,852.33</b> | <b>1,141,165.00</b>   | <b>728,687.33</b>     | <b>163.9%</b> |
| Expense  |                     |                       |                       |               |
| 605-00 · Site Rental                                   | 85,425.52           | 181,494.00            | -96,068.48            | 47.1%         |
| 610-00 · Fuel/Generators                               | 0.00                | 2,500.00              | -2,500.00             | 0.0%          |
| 615-00 · HVAC Maintenance                              | 7,646.00            | 10,500.00             | -2,854.00             | 72.8%         |
| 620-00 · Landscape Maintenance                         | 3,810.00            | 8,000.00              | -4,190.00             | 47.6%         |
| 621-00 · Office Supplies                               | 1,899.50            | 3,500.00              | -1,600.50             | 54.3%         |
| 625-00 · Generator Maintenance                         | 8,879.10            | 12,000.00             | -3,120.90             | 74.0%         |
| 630-00 · UPS Maintenance                               | 0.00                | 5,000.00              | -5,000.00             | 0.0%          |
| 635-00 · Battery Maintenance                           | 0.00                | 10,000.00             | -10,000.00            | 0.0%          |
| 645-00 · Insurance                                     | 23,273.29           | 27,000.00             | -3,726.71             | 86.2%         |
| 650-00 · Utilities                                     | 38,997.46           | 81,600.00             | -42,602.54            | 47.8%         |
| 655-00 · Consultant Services                           | 19,924.76           | 26,000.00             | -6,075.24             | 76.6%         |
| 657-00 · Regional Radio Expense                        | 0.00                | 1,500.00              | -1,500.00             | 0.0%          |
| 660-00 · WCCCA System Fees                             | 425,339.25          | 565,777.00            | -140,437.75           | 75.2%         |
| 665-00 · Radio Maintenance Fees                        | 26,430.62           | 80,000.00             | -53,569.38            | 33.0%         |
| 667-00 · Radio Replacement Project                     | 0.00                | 0.00                  | 0.00                  | 0.0%          |
| 670-00 · Legal Services                                | 2,000.00            | 10,000.00             | -8,000.00             | 20.0%         |
| 675-00 · Financial Services                            | 4,671.70            | 10,000.00             | -5,328.30             | 46.7%         |
| 680-00 · Audit Fees                                    | 6,175.00            | 8,000.00              | -1,825.00             | 77.2%         |
| 683-00 · Capital Reserve                               | 0.00                | 100,000.00            | -100,000.00           | 0.0%          |
| 685-00 · Miscellaneous Expenses                        | 7,074.60            | 3,500.00              | 3,574.60              | 202.1%        |
| 686-00 · Meeting Expenses                              | 301.38              | 5,000.00              | -4,698.62             | 6.0%          |
| 703-00 · Capital Outlay                                |                     |                       |                       |               |
| 703-01 · Buildings & Land Improvement                  |                     |                       |                       |               |
| 703-011 · Land Improvement                             | 193,344.92          |                       |                       |               |
| 703-012 · Building                                     | 1,400.00            |                       |                       |               |
| 703-013 · Tower  | 12,550.53           |                       |                       |               |
| 703-014 · Generator                                    | 140.98              |                       |                       |               |
| <b>Total 703-01 · Buildings &amp; Land Improvement</b> | <b>207,436.43</b>   |                       |                       |               |
| 703-02 · Radio Backbone                                |                     |                       |                       |               |
| 703-021 · Simulcast / Master Site                      | 3,737.31            |                       |                       |               |
| 703-024 · Paging                                       | 25,009.72           |                       |                       |               |
| <b>Total 703-02 · Radio Backbone</b>                   | <b>28,747.03</b>    |                       |                       |               |
| 703-03 · Equipment                                     |                     |                       |                       |               |
| 703-031 · Security System                              | 1,079.96            |                       |                       |               |
| 703-032 · DC Power                                     | 63,816.00           |                       |                       |               |
| <b>Total 703-03 · Equipment</b>                        | <b>64,895.96</b>    |                       |                       |               |
| 703-04 · Capital Outlay Service                        | 63,190.88           |                       |                       |               |
| 703-00 · Capital Outlay - Other                        | 304,436.10          | 15,037,000.00         | -14,732,563.90        | 2.0%          |
| <b>Total 703-00 · Capital Outlay</b>                   | <b>668,706.40</b>   | <b>15,037,000.00</b>  | <b>-14,368,293.60</b> | <b>4.4%</b>   |
| 795-00 · Debt Service                                  | 105,604.94          | 568,489.00            | -462,884.06           | 18.6%         |
| 800-00 · Operating Contingency                         | 0.00                | 45,000.00             | -45,000.00            | 0.0%          |
| <b>Total Expense</b>                                   | <b>1,436,159.52</b> | <b>16,801,860.00</b>  | <b>-15,365,700.48</b> | <b>8.5%</b>   |
| <b>Net Ordinary Income</b>                             | <b>433,692.81</b>   | <b>-15,660,695.00</b> | <b>16,094,387.81</b>  | <b>-2.8%</b>  |
| <b>Net Income</b>                                      | <b>433,692.81</b>   | <b>-15,660,695.00</b> | <b>16,094,387.81</b>  | <b>-2.8%</b>  |

These financial statements omit substantially all disclosures required by accounting principles generally accepted in the United States of America. These financial statements have not been subjected to an audit, review, or compilation engagement, and therefore no assurance is provided on them.

8:41 AM

04/07/17

Accrual Basis

# Clackamas 800 Radio Group Profit & Loss Detail

March 2017

| Type   | Date       | Num       | Name                           | Memo                              | Class               | Amount    | Balance   |
|--|------------|-----------|--------------------------------|-----------------------------------|---------------------|-----------|-----------|
| <b>Ordinary Income/Expense</b>                   |            |           |                                |                                   |                     |           |           |
| <b>Income</b>                                    |            |           |                                |                                   |                     |           |           |
| <b>410-00 · Partners Fees</b>                    |            |           |                                |                                   |                     |           |           |
| Invoice  | 03/31/2017 | 15-132... | City of Gladstone - Fire       | Correction of number of radio...  |                     | 1,200.00  | 1,200.00  |
| Invoice  | 03/31/2017 | 16-175... | Clackamas County FD #1         | Correct to actual; CM was for ... |                     | 27,000.00 | 28,200.00 |
| Total 410-00 · Partners Fees                     |            |           |                                |                                   |                     | 28,200.00 | 28,200.00 |
| <b>431-00 · Interest Income</b>                  |            |           |                                |                                   |                     |           |           |
| Deposit  | 03/31/2017 |           |                                | Interest                          |                     | 0.89      | 0.89      |
| Total 431-00 · Interest Income                   |            |           |                                |                                   |                     | 0.89      | 0.89      |
| <b>435-00 · Lease Revenue</b>                    |            |           |                                |                                   |                     |           |           |
| Deposit  | 03/24/2017 |           | FBI                            | Deposit                           |                     | 130.00    | 130.00    |
| Deposit  | 03/24/2017 |           | FBI                            | Deposit                           |                     | 130.00    | 260.00    |
| Total 435-00 · Lease Revenue                     |            |           |                                |                                   |                     | 260.00    | 260.00    |
| Total Income                                     |            |           |                                |                                   |                     | 28,460.89 | 28,460.89 |
| Gross Profit                                     |            |           |                                |                                   |                     | 28,460.89 | 28,460.89 |
| <b>Expense</b>                                   |            |           |                                |                                   |                     |           |           |
| <b>605-00 · Site Rental</b>                      |            |           |                                |                                   |                     |           |           |
| Bill   | 03/30/2017 | BF060...  | US Forest Service c/o Citibank |                                   | 15 Timberline       | 9,409.32  | 9,409.32  |
| Credit   | 03/30/2017 |           | US Forest Servicea             | Wrong vendor used in error        | 15 Timberline       | -9,409.32 | 0.00      |
| Total 605-00 · Site Rental                       |            |           |                                |                                   |                     | 0.00      | 0.00      |
| <b>645-00 · Insurance</b>                        |            |           |                                |                                   |                     |           |           |
| Deposit  | 03/08/2017 | 048126    | SDAO                           | Refund - Longevity Credits        |                     | -1,328.00 | -1,328.00 |
| Total 645-00 · Insurance                         |            |           |                                |                                   |                     | -1,328.00 | -1,328.00 |
| <b>650-00 · Utilities</b>                        |            |           |                                |                                   |                     |           |           |
| Check  | 03/02/2017 | EFT       | PGE                            |                                   |                     | 180.28    | 180.28    |
| Check  | 03/02/2017 | EFT       | PGE                            |                                   |                     | 326.60    | 506.88    |
| Check  | 03/07/2017 | EFT       | PGE                            |                                   |                     | 475.74    | 982.62    |
| Check  | 03/09/2017 | EFT       | PGE                            |                                   |                     | 378.76    | 1,361.38  |
| Check  | 03/09/2017 | EFT       | PGE                            |                                   |                     | 395.77    | 1,757.15  |
| Check  | 03/16/2017 | EFT       | PGE                            |                                   |                     | 344.41    | 2,101.56  |
| Check  | 03/17/2017 | EFT       | PGE                            |                                   |                     | 494.82    | 2,596.38  |
| Check  | 03/17/2017 | EFT       | PGE                            |                                   |                     | 512.09    | 3,108.47  |
| Check  | 03/23/2017 | EFT       | PGE                            |                                   |                     | 541.18    | 3,649.65  |
| Check  | 03/31/2017 | EFT       | PGE                            |                                   |                     | 214.01    | 3,863.66  |
| Check  | 03/31/2017 | EFT       | PGE                            |                                   |                     | 357.40    | 4,221.06  |
| Total 650-00 · Utilities                         |            |           |                                |                                   |                     | 4,221.06  | 4,221.06  |
| <b>655-00 · Consultant Services</b>              |            |           |                                |                                   |                     |           |           |
| Bill   | 03/31/2017 |           | Hartssock Project Mgmt.        |                                   |                     | 2,687.65  | 2,687.65  |
| Total 655-00 · Consultant Services               |            |           |                                |                                   |                     | 2,687.65  | 2,687.65  |
| <b>675-00 · Financial Services</b>               |            |           |                                |                                   |                     |           |           |
| Check  | 03/30/2017 | EFT       | Clackamas County Bank          | Stop payment fee                  |                     | 26.00     | 26.00     |
| Check  | 03/31/2017 |           |                                | Service Charge                    |                     | 14.95     | 40.95     |
| Total 675-00 · Financial Services                |            |           |                                |                                   |                     | 40.95     | 40.95     |
| <b>703-00 · Capital Outlay</b>                   |            |           |                                |                                   |                     |           |           |
| <b>703-01 · Buildings &amp; Land Improvement</b> |            |           |                                |                                   |                     |           |           |
| <b>703-011 · Land Improvement</b>                |            |           |                                |                                   |                     |           |           |
| Bill   | 03/03/2017 | 16148     | Black Mountain Consulting      |                                   | 04 Wilsonville T... | 4,400.00  | 4,400.00  |
| Bill   | 03/03/2017 | 16149     | Black Mountain Consulting      |                                   | 04 Wilsonville T... | 1,750.00  | 6,150.00  |
| Bill   | 03/06/2017 | 5         | 3dB Communications LLC         |                                   | 30 Admin            | 11,000.00 | 17,150.00 |
| Bill   | 03/09/2017 | 7045      | Securasite LLC                 |                                   | 16 Canby            | 468.75    | 17,618.75 |
| Bill   | 03/09/2017 | 7047      | Securasite LLC                 |                                   | 20 Angel Falls      | 81.25     | 17,700.00 |
| Bill   | 03/09/2017 | 7049      | Securasite LLC                 |                                   | 01 Carver           | 456.25    | 18,156.25 |
| Bill   | 03/09/2017 | 7048      | Securasite LLC                 |                                   | 12 Crutcher Ben...  | 1,000.00  | 19,156.25 |
| Bill   | 03/09/2017 | 7041      | Securasite LLC                 |                                   | 03 Damascus         | 31.26     | 19,187.51 |
| Bill   | 03/09/2017 | 7042      | Securasite LLC                 |                                   | 03 Damascus         | 1,125.00  | 20,312.51 |
| Bill   | 03/09/2017 | 7046      | Securasite LLC                 |                                   | 18 Highland Butte   | 293.75    | 20,606.26 |
| Bill   | 03/09/2017 | 7044      | Securasite LLC                 |                                   | 09 Sandy            | 100.00    | 20,706.26 |
| Bill   | 03/09/2017 | 7043      | Securasite LLC                 |                                   | 04 Wilsonville T... | 212.50    | 20,918.76 |
| Bill   | 03/12/2017 | 9003343   | Cushing Civil Engineers        |                                   | 20 Angel Falls      | 501.00    | 21,419.76 |
| Bill   | 03/12/2017 | 9003341   | Cushing Civil Engineers        |                                   | 16 Canby            | 300.00    | 21,719.76 |
| Bill   | 03/12/2017 | 9003338   | Cushing Civil Engineers        |                                   | 12 Crutcher Ben...  | 278.50    | 21,998.26 |
| Bill   | 03/12/2017 | 9003340   | Cushing Civil Engineers        |                                   | 14 Lenhart          | 2,200.00  | 24,198.26 |
| Bill   | 03/12/2017 | 9003344   | Cushing Civil Engineers        |                                   | 21 Oak Grove B...   | 579.00    | 24,777.26 |
| Bill   | 03/12/2017 | 9003347   | Cushing Civil Engineers        |                                   | 09 Sandy            | 2,232.00  | 27,009.26 |
| Bill   | 03/12/2017 | 9003342   | Cushing Civil Engineers        |                                   | 02 Skyland          | 630.00    | 27,639.26 |
| Bill   | 03/12/2017 | 9003339   | Cushing Civil Engineers        |                                   | 13 Tom Dick an...   | 387.00    | 28,026.26 |
| Bill   | 03/12/2017 | 9000345   | Cushing Civil Engineers        |                                   | 22 Whale Head       | 807.00    | 28,833.26 |
| Bill   | 03/12/2017 | 9003346   | Cushing Civil Engineers        |                                   | 04 Wilsonville T... | 3,793.00  | 32,626.26 |
| Total 703-011 · Land Improvement                 |            |           |                                |                                   |                     | 32,626.26 | 32,626.26 |
| <b>703-014 · Generator</b>                       |            |           |                                |                                   |                     |           |           |
| Bill   | 03/21/2017 | 15898...  | Pamplin Media Group            |                                   | 30 Admin            | 70.49     | 70.49     |
| Bill   | 03/24/2017 | 15901...  | Pamplin Media Group            |                                   | 30 Admin            | 70.49     | 140.98    |
| Total 703-014 · Generator                        |            |           |                                |                                   |                     | 140.98    | 140.98    |
| Total 703-01 · Buildings & Land Improvement      |            |           |                                |                                   |                     | 32,767.24 | 32,767.24 |

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8:41 AM

04/07/17

Accrual Basis

# Clackamas 800 Radio Group Profit & Loss Detail

March 2017

| Type                           | Date             | Num      | Name  | Memo | Class             | Amount            | Balance           |
|--------------------------------|------------------|----------|-------|------|-------------------|-------------------|-------------------|
| <b>703-02 · Radio Backbone</b> |                  |          |       |      |                   |                   |                   |
| Bill                           | 703-024 · Paging |          |       |      |                   |                   |                   |
|                                | 03/24/2017       | 20170... | WCCCA |      | 21 Oak Grove B... | 24,841.72         | 24,841.72         |
| Total 703-024 · Paging         |                  |          |       |      |                   | 24,841.72         | 24,841.72         |
| Total 703-02 · Radio Backbone  |                  |          |       |      |                   | 24,841.72         | 24,841.72         |
| Total 703-00 · Capital Outlay  |                  |          |       |      |                   | 57,608.96         | 57,608.96         |
| Total Expense                  |                  |          |       |      |                   | 63,230.62         | 63,230.62         |
| Net Ordinary Income            |                  |          |       |      |                   | -34,769.73        | -34,769.73        |
| <b>Net Income</b>              |                  |          |       |      |                   | <b>-34,769.73</b> | <b>-34,769.73</b> |

These financial statements omit substantially all disclosures required by accounting principles generally accepted in the United States of America. These financial statements have not been subjected to an audit, review, or compilation engagement, and therefore no assurance is provided on them.



8:41 AM

## Clackamas 800 Radio Group

## Trial Balance

04/07/17

Accrual Basis

As of March 31, 2017

|  | Mar 31, 17           |                      |
|--|----------------------|----------------------|
|  | Debit                | Credit               |
| 115-00 · Cash/Checking Account   | 75,163.94            |                      |
| 11000 · Accounts Receivable  | 38,085.00            |                      |
| 120-00 · Member Fees Receivable  | 0.00                 |                      |
| 12000 · Undeposited Funds  | 0.00                 |                      |
| 150-00 · Prepaid Expenses  | 0.00                 |                      |
| 160-00 · Buildings and Towers  | 10,522,952.20        |                      |
| 165-00 · Radio Backbone  | 2,520,898.80         |                      |
| 166-00 · Equipment   | 704,983.00           |                      |
| 167-00 · Work In Progress  | 0.00                 |                      |
| 175-00 · Accumulated Depreciation  |                      | 7,086,855.79         |
| 201-00 · Accounts Payable  |                      | 63,464.03            |
| 201-02 · Other Accounts Payable  | 0.00                 |                      |
| 210-00 · Reimb due Clackamas County  | 0.00                 |                      |
| 438-00 · Microwave Loan  | 0.00                 |                      |
| 300-00 · Fund Balance  | 0.00                 |                      |
| 310-00 · Investment in Fixed Assets  |                      | 6,661,978.21         |
| 320-00 · Retained Earnings, Prior  | 383,907.90           |                      |
| 405-00 · Members Contracts   |                      | 58,040.00            |
| 410-00 · Partners Fees   |                      | 847,710.00           |
| 415-00 · Mobile Data Devices   | 0.00                 |                      |
| 420-00 · Partners Debt Service Zone Cont   |                      | 95,624.00            |
| 421-00 · Partner Debt Service Microwave  |                      | 52,388.00            |
| 431-00 · Interest Income   |                      | 11.15                |
| 435-00 · Lease Revenue   |                      | 17,362.84            |
| 450-00 · Intergovernmental-Clackamas Co  |                      | 798,716.34           |
| 605-00 · Site Rental   | 85,425.52            |                      |
| 615-00 · HVAC Maintenance  | 7,646.00             |                      |
| 620-00 · Landscape Maintenance   | 3,810.00             |                      |
| 621-00 · Office Supplies   | 1,899.50             |                      |
| 625-00 · Generator Maintenance   | 8,879.10             |                      |
| 645-00 · Insurance   | 23,273.29            |                      |
| 650-00 · Utilities   | 38,997.46            |                      |
| 655-00 · Consultant Services   | 19,924.76            |                      |
| 660-00 · WCCCA System Fees   | 425,339.25           |                      |
| 665-00 · Radio Maintenance Fees  | 26,430.62            |                      |
| 670-00 · Legal Services  | 2,000.00             |                      |
| 675-00 · Financial Services  | 4,671.70             |                      |
| 680-00 · Audit Fees  | 6,175.00             |                      |
| 685-00 · Miscellaneous Expenses  | 7,074.60             |                      |
| 686-00 · Meeting Expenses  | 301.38               |                      |
| 703-00 · Capital Outlay  | 304,436.10           |                      |
| 703-00 · Capital Outlay:703-01 · Buildings & Land Improvement:703-011 · Land Improvement | 193,344.92           |                      |
| 703-00 · Capital Outlay:703-01 · Buildings & Land Improvement:703-012 · Building         | 1,400.00             |                      |
| 703-00 · Capital Outlay:703-01 · Buildings & Land Improvement:703-013 · Tower            | 12,550.53            |                      |
| 703-00 · Capital Outlay:703-01 · Buildings & Land Improvement:703-014 · Generator        | 140.98               |                      |
| 703-00 · Capital Outlay:703-02 · Radio Backbone:703-021 · Simulcast / Master Site        | 3,737.31             |                      |
| 703-00 · Capital Outlay:703-02 · Radio Backbone:703-024 · Paging                         | 25,009.72            |                      |
| 703-00 · Capital Outlay:703-03 · Equipment:703-031 · Security System                     | 1,079.96             |                      |
| 703-00 · Capital Outlay:703-03 · Equipment:703-032 · DC Power                            | 63,816.00            |                      |
| 703-00 · Capital Outlay:703-04 · Capital Outlay Service                                  | 63,190.88            |                      |
| 795-00 · Debt Service  | 105,604.94           |                      |
| <b>TOTAL</b>   | <b>15,682,150.36</b> | <b>15,682,150.36</b> |

These financial statements omit substantially all disclosures required by accounting principles generally accepted in the United States of America. These financial statements have not been subjected to an audit, review, or compilation engagement, and therefore no assurance is provided on them.

# Clackamas 800 Radio Group

## Balance Sheet

As of March 31, 2017

|                                       | Mar 31, 17          |
|---------------------------------------|---------------------|
| <b>ASSETS</b>                         |                     |
| Current Assets                        |                     |
| Checking/Savings                      |                     |
| 115-00 · Cash/Checking Account        | 75,163.94           |
| Total Checking/Savings                | 75,163.94           |
| Accounts Receivable                   |                     |
| 11000 · Accounts Receivable           | 38,085.00           |
| Total Accounts Receivable             | 38,085.00           |
| Total Current Assets                  | 113,248.94          |
| Fixed Assets                          |                     |
| 160-00 · Buildings and Towers         | 10,522,952.20       |
| 165-00 · Radio Backbone               | 2,520,898.80        |
| 166-00 · Equipment                    | 704,983.00          |
| 175-00 · Accumulated Depreciation     | -7,086,855.79       |
| Total Fixed Assets                    | 6,661,978.21        |
| <b>TOTAL ASSETS</b>                   | <b>6,775,227.15</b> |
| <b>LIABILITIES &amp; EQUITY</b>       |                     |
| Liabilities                           |                     |
| Current Liabilities                   |                     |
| Accounts Payable                      |                     |
| 201-00 · Accounts Payable             | 63,464.03           |
| Total Accounts Payable                | 63,464.03           |
| Total Current Liabilities             | 63,464.03           |
| Total Liabilities                     | 63,464.03           |
| Equity                                |                     |
| 310-00 · Investment in Fixed Assets   | 6,661,978.21        |
| 320-00 · Retained Earnings, Prior     | -383,907.90         |
| Net Income                            | 433,692.81          |
| Total Equity                          | 6,711,763.12        |
| <b>TOTAL LIABILITIES &amp; EQUITY</b> | <b>6,775,227.15</b> |

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8:43 AM  
04/07/17

**Clackamas 800 Radio Group**  
**A/R Aging Detail**  
**As of March 31, 2017**

| Type             | Date       | Num    | Name                             | Due Date   | Aging | Open Balance |
|------------------|------------|--------|----------------------------------|------------|-------|--------------|
| <b>Current</b>   |            |        |                                  |            |       |              |
| Total Current    |            |        |                                  |            |       |              |
| <b>1 - 30</b>    |            |        |                                  |            |       |              |
| Total 1 - 30     |            |        |                                  |            |       |              |
| <b>31 - 60</b>   |            |        |                                  |            |       |              |
| Payment          | 02/03/2017 | 86787  | West Linn                        |            |       | -2,940.00    |
| Total 31 - 60    |            |        |                                  |            |       |              |
| -2,940.00        |            |        |                                  |            |       |              |
| <b>61 - 90</b>   |            |        |                                  |            |       |              |
| Total 61 - 90    |            |        |                                  |            |       |              |
| <b>&gt; 90</b>   |            |        |                                  |            |       |              |
| Invoice          | 12/27/2016 | 16-201 | Clackamas County - Juvenile Dept | 12/27/2016 | 94    | 1,680.00     |
| Invoice          | 12/27/2016 | 16-203 | Clackamas River Water District   | 12/27/2016 | 94    | 6,720.00     |
| Invoice          | 12/27/2016 | 16-211 | West Linn                        | 12/27/2016 | 94    | 32,625.00    |
| Total > 90       |            |        |                                  |            |       |              |
| 41,025.00        |            |        |                                  |            |       |              |
| <b>TOTAL</b>     |            |        |                                  |            |       |              |
| <b>38,085.00</b> |            |        |                                  |            |       |              |

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11300 SE Fuller Rd  
Milwaukie, Oregon 97222  
(503) 780-4806

# **Clackamas 800 Radio Group**

**Fiscal Year 2017 / 2018**

**Proposed Budget**

April 19, 2016



11300 SE Fuller Rd  
Milwaukie, Oregon 97222  
(503) 780-4806

C800 Budget Calendar 2017  
January 11, 2016

|                       |  |
|-----------------------|--|
| February 8, 2017      | Appoint John Hartsock Budget Officer           |
| February 20, 2017     | Publish 1st Notice of Budget Committee Meeting |
| March 6, 2017         | Publish 2nd Notice of Budget Committee Meeting |
| <b>March 15, 2017</b> | <b>Budget Committee Meeting</b>                |
| April 10, 2017        | Publish Notice of Budget Hearing               |
| <b>April 19, 2017</b> | <b>Public Budget Hearing</b>                   |
| June 30, 2017         | Submit Budget Document to County Clerk         |



11300 SE Fuller Rd  
Milwaukie, Oregon 97222  
(503) 780-4806

## **2017/2018 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, Canby Fire District, Clackamas Fire District Number 1, Estacada 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 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 sixteenth 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 on behalf of C800 constructed the original 800MHz radio system. 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 SYSTEMS OPERATING  
AT MAXIMUM EFFICIENCY -- DELIVERING  
QUALITY SERVICE -- IN THE MOST COST  
EFFECTIVE MANNER."***

## **FUNCTION OF THE CLACKAMAS 800 RADIO GROUP**

CLACKAMAS 800 RADIO GROUP is performing the following functions:

- A. Implementation of the 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 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 2016/2017. Materials and Services have increased by 16.2%. Changes include: a) annual increases in radio site property leases in accordance with lease terms and additional sites (27.6 %); b) HVAC maintenance cost due to the age of the machines (15.4%) c) insurance cost (17.9%) d) utility costs (7.1%); e) WCCCA system fees have increased (28.1%) due to the addition of additional technician and a re-assessment of overhead cost; f) radio maintenance cost due to aging equipment (33.3%); g). estimated legal fees due to the bond measure (33.3%)

In Fiscal Year 2016/2017 Clackamas County, on behalf of C800, placed a general obligation bond measure for \$59million, and it was approved at the May 17, 2016 election. The is for the implementation of the radio system replacement project. Clackamas County placed this issue on the ballot as an ORS 190 C800 cannot place a bond on the ballot. The FY 16/17 budget was revised in December of 2017 to reflect this funding.

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 is due to system age, technology advancements, and the inability to support the current system into the future.

The per radio cost has increased from the FY 16/17 cost of \$420 per radio to \$435 per radio. In addition, there is a \$64.84 cost per radio for the zone controller upgrade that will expire in 2019/2020.

### **CHANGES IN FINANCIAL POLICY**

A financial policy has been prepared and 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. Last year we improved coverage in the Molalla and Estacada areas. As outlined above C800 is participating with WCCCA to plan and now start implementation for the upgrade to the Public Safety voice and data radio system across Clackamas and Washington County.



The City of Milwaukie joined C800 in FY 2016/ 2017. It is anticipated that the Colton Fire District, and Hoodland Fire District will join C800 in FY 2017/2018, and they are included in this budget.

Similar organizations in Lane County, Multnomah County, and Washington County have been effective, efficient organizations providing higher levels of service more cost effectively as a group than individually.

**CLACKAMAS 800 RADIO GROUP will provide:**

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

# Clackamas 800 Radio Group

April 19, 2017

## FY 2017 / 2018 Budget

### Revenue

| Account # | Account Description             | Actual<br>FY14/15 | Actual<br>FY 15/16 | Estimated Final<br>FY 16/17 | Proposed<br>FY17/18 | Approved by<br>Budget<br>Committee | Adopted by<br>Governing<br>Board |
|-----------|---------------------------------|-------------------|--------------------|-----------------------------|---------------------|------------------------------------|----------------------------------|
| 401-00    | Cash Resources                  | 512,670           | 473,340            | 21,238                      | 334,113             |                                    |                                  |
| 405-00    | Members Contracts               | 44,400            | in 410             | 58,040                      | 61,770              |                                    |                                  |
| 410-00    | Partners Fees                   | 849,600           | 864,200            | 847,710                     | 965,483             |                                    |                                  |
| 415-00    | Mobil Data Devices              | 3,740             | in 410             | 0                           | 0                   |                                    |                                  |
| 420-00    | Partners Debt Service Zone Con  | 93,689            | 93,689             | 95,624                      | 93,689              |                                    |                                  |
| 421-00    | Partners Debt Service Microwave | 0                 | 52,016             | 52,388                      | 0                   |                                    |                                  |
| 431-00    | Interest Income                 | 38                | 55                 | 0                           | 100                 |                                    |                                  |
|           | Bond Interest Income            | 0                 | 0                  | 300,000                     | 550,000             |                                    |                                  |
| 435-00    | Lease Income                    | 119,361           | 41,154             | 44,368                      | 45,000              |                                    |                                  |
| 440-00    | Miscellaneous Income            | 0                 | 0                  | 0                           | 1,000               |                                    |                                  |
|           | Microwave Loan Proceeds         | 0                 | 410,246            | 0                           | 0                   |                                    |                                  |
|           | Subscriber Radio Payments       | 0                 | 1,427,063          | 0                           | 0                   |                                    |                                  |
|           | Bond Proceeds - Taxable         | 0                 | 0                  | 0                           | 0                   |                                    |                                  |
|           | Bond Proceeds - Non Taxable     |                   |                    | 3,400,000                   | 39,200,000          |                                    |                                  |
|           | CC Title 3 Grant - Timber       | 116,664           | 0                  | 0                           | 0                   |                                    |                                  |
|           | Prepaid expense (WCCCA) 15/16   | 136,183           | 0                  | 0                           | 0                   |                                    |                                  |
|           | Prepaid expense (WCCCA) 14/15   | (120,027)         | 0                  | 0                           | 0                   |                                    |                                  |
|           | <b>Total Revenue</b>            | <b>1,756,318</b>  | <b>3,361,763</b>   | <b>4,819,368</b>            | <b>41,251,155</b>   | <b>0</b>                           | <b>0</b>                         |

### Expense

| Account #        | Account Description    | Actual<br>FY14/15 | Actual<br>FY 15/16 | Estimated Final<br>FY 16/17 | Proposed<br>FY17/18 | Approved by<br>Budget<br>Committee | Adopted by<br>Governing<br>Board |
|------------------|------------------------|-------------------|--------------------|-----------------------------|---------------------|------------------------------------|----------------------------------|
| <b>Personnel</b> | Salary                 | 0                 | 0                  | 0                           | 0                   | 0                                  | 0                                |
|                  | Benefits               | 0                 | 0                  | 0                           | 0                   | 0                                  | 0                                |
|                  | <b>Total Personnel</b> | <b>0</b>          | <b>0</b>           | <b>0</b>                    | <b>0</b>            | <b>0</b>                           | <b>0</b>                         |

# Clackamas 800 Radio Group

April 19, 2017

## FY 2017 / 2018 Budget

| Account #                     | Account Description                | Actual<br>FY14/15 | Actual<br>FY 15/16 | Estimated Final<br>FY 16/17 | Proposed<br>FY17/18 | Approved by<br>Budget<br>Committee | Adopted by<br>Governing<br>Board |
|-------------------------------|------------------------------------|-------------------|--------------------|-----------------------------|---------------------|------------------------------------|----------------------------------|
| <b>Materials and Services</b> |                                    |                   |                    |                             |                     |                                    |                                  |
| 605-00                        | Site Rental                        | 180,923           | 146,862            | 249,346                     | 211,702             |                                    |                                  |
| 610-00                        | Fuel / Generators                  | 1,500             | 0                  | 2,000                       | 1,500               |                                    |                                  |
| 615-00                        | HVAC Maintenance                   | 3,000             | 1,979              | 7,800                       | 9,000               |                                    |                                  |
| 620-00                        | Landscape Maintenance              | 11,000            | 3,650              | 4,500                       | 6,000               |                                    |                                  |
| 621-00                        | Office Supplies                    | 2,200             | 3,792              | 2,500                       | 3,000               |                                    |                                  |
| 625-00                        | Generator Maintenance              | 14,500            | 7,409              | 8,879                       | 9,000               |                                    |                                  |
| 630-00                        | UPS Maintenance                    | 1,500             | 1,500              | 0                           | 5,000               |                                    |                                  |
| 635-00                        | Battery Maintenance                | 2,000             | 32,424             | 0                           | 5,000               |                                    |                                  |
| 645-00                        | Insurance                          | 21,000            | 22,566             | 24,601                      | 29,000              |                                    |                                  |
| 650-00                        | Utilities                          | 50,000            | 61,967             | 70,000                      | 75,000              |                                    |                                  |
| 665-00                        | Consultant Services                | 16,000            | 21,377             | 26,000                      | 30,000              |                                    |                                  |
| 657-00                        | Regional Radio                     | 0                 | 0                  | 0                           | 1,500               |                                    |                                  |
| 660-00                        | WCCCA System Fees                  | 490,600           | 528,134            | 565,777                     | 679,394             |                                    |                                  |
| 665-00                        | Radio Maintenance Fees             | 69,000            | 79,245             | 34,000                      | 40,000              |                                    |                                  |
| 667-00                        | Radio Replacement Proj             | 35,000            | 89,307             | 0                           | 0                   |                                    |                                  |
| 670-00                        | Legal Services                     | 1,500             | 8,680              | 3,500                       | 6,000               |                                    |                                  |
| 675-00                        | Financial Services                 | 6,000             | 5,828              | 6,000                       | 8,000               |                                    |                                  |
| 680-00                        | Audit Fees                         | 6,400             | 6,490              | 6,175                       | 8,000               |                                    |                                  |
| 685-00                        | Miscellaneous Cost                 | 1,500             | 1,054              | 7,200                       | 3,500               |                                    |                                  |
| 686-00                        | Meeting Expense / Web              |                   |                    | 1,000                       | 2,500               |                                    |                                  |
|                               | <b>Total Material and Services</b> | <b>913,623</b>    | <b>1,022,264</b>   | <b>1,019,278</b>            | <b>1,133,096</b>    | <b>0</b>                           | <b>0</b>                         |
| Account #                     | Account Description                | Actual<br>FY14/15 | Actual<br>FY 15/16 | Estimated Final<br>FY 16/17 | Proposed<br>FY17/18 | Approved by<br>Budget<br>Committee | Adopted by<br>Governing<br>Board |
| 683-00                        | Capital Reserve                    | 30,000            | 0                  | 0                           | 100,000             |                                    |                                  |
| 703-00                        | Capital Outlay                     | 400,000           | 2,205,642          | 3,360,640                   | 39,200,000          |                                    |                                  |
| 795-00                        | Debt Service                       | 94,000            | 112,529            | 105,337                     | 94,000              |                                    |                                  |
| 800-00                        | Operating Contingency              | 0                 | 0                  | 0                           | 50,000              |                                    |                                  |
|                               | <b>Ending Fund Balance</b>         | <b>287,911</b>    | <b>21,328</b>      | <b>334,113</b>              | <b>674,059</b>      |                                    |                                  |
|                               | <b>TOTAL EXPENSE</b>               | <b>1,725,534</b>  | <b>3,361,763</b>   | <b>4,819,368</b>            | <b>41,251,155</b>   | <b>0</b>                           | <b>0</b>                         |

# CLACKAMAS COUNTY 800 MHz RADIO SYSTEM

## Cost Allocation FY 17/18

April 19, 2017

| PARTNER AGENCIES              | Attention  | TOTAL<br>VOICE<br>RADIOS<br>FY 17/18 | Annual<br>Operating<br>Cost per<br>voice radio<br>@ | MOBILE<br>Data<br>Radio | Zone<br>Controller<br>Debt Service<br>Payment<br>6 of 7 | Total Annual<br>Cost | FY 17/18<br>Increase |              | FY 16/17 Cost  |
|-------------------------------|--|--------------------------------------|---|-------------------------|---|----------------------|----------------------|--------------|----------------|
|                               |  |                                      | \$ 435.00   |                         |   |                      |                      |              |                |
| Clackamas County Health (AMR) | Larry McDaniels  | 25                                   | 10,875  | 0                       | 1,112   | 11,987               | (134)                | -1.1%        | 12,121         |
| Boring Fire Dist.             | DeAnn Henry  | 83                                   | 36,105  | 0                       | 3,691   | 39,796               | 13,015               | 48.6%        | 26,781         |
| Canby Fire                    | Jim Davis  | 66                                   | 28,710  | 0                       | 2,935   | 31,645               | 2,318                | 7.9%         | 29,327         |
| Canby Police                  | Bret Smith   | 60                                   | 26,100  | 0                       | 2,668   | 28,768               | (270)                | -0.9%        | 29,038         |
| Clackamas Sheriff             | Nancy Artmann  | 665                                  | 289,275   | 0                       | 29,570  | 318,845              | 14,733               | 4.8%         | 304,112        |
| Clackamas Fire Dist. #1       | DeAnn Henry  | 311                                  | 135,285   | 0                       | 13,829  | 149,114              | 24,328               | 19.5%        | 124,786        |
| Colton Fire                   |  | 34                                   | 3,698   | 0                       | 1,512   | 5,209                | 0                    | 100.0%       | 0              |
| Estacada Fire                 | Bob Morrissey  | 47                                   | 20,445  | 0                       | 2,090   | 22,535               | 779                  | 3.6%         | 21,756         |
| Gladstone Police              | Jim Pryde  | 36                                   | 15,660  | 0                       | 1,601   | 17,261               | 1,203                | 7.5%         | 16,058         |
| Gladstone Fire                | Mike Funk  | 50                                   | 21,750  | 0                       | 2,223   | 23,973               | 1,596                | 7.1%         | 22,377         |
| Hoodland Fire                 | John Ingrao  | 54                                   | 11,745  | 0                       | 2,401   | 14,146               | 0                    | 100.0%       |                |
| Lake Oswego Police            | Leslie Taylor  | 106                                  | 46,110  | 0                       | 4,713   | 50,823               | 2,918                | 6.1%         | 47,905         |
| Lake Oswego Fire              | Leslie Taylor  | 87                                   | 37,845  | 0                       | 3,869   | 41,714               | 1,143                | 2.8%         | 40,571         |
| Lake Oswego Public Works      | Leslie Taylor  | 76                                   | 33,060  | 0                       | 0   | 33,060               | 1,140                | 3.6%         | 31,920         |
| Milwaukie Police              |  | 92                                   | 40,020  | 0                       | 4,091   | 44,111               | 0                    | 100.0%       | 0              |
| Milwaukie Public Works        |  | 46                                   | 20,010  | 0                       | 0   | 20,010               | 0                    | 100.0%       | 0              |
| Molalla Police                | Rod Lucich   | 33                                   | 14,355  | 0                       | 1,467   | 15,822               | 428                  | 2.8%         | 15,394         |
| Molalla Fire                  | Vince Stafford   | 73                                   | 31,755  | 0                       | 3,246   | 35,001               | 5,054                | 16.9%        | 29,947         |
| Oregon City Police            | Jim Bend   | 91                                   | 39,585  | 0                       | 4,046   | 43,631               | 1,336                | 3.2%         | 42,295         |
| Sandy Fire                    | Phil Schneider   | 70                                   | 30,450  | 0                       | 3,113   | 33,563               | (5,924)              | -15.0%       | 39,487         |
| Sandy Police                  | Kim Yamashita  | 46                                   | 20,010  | 0                       | 2,045   | 22,055               | 1,665                | 8.2%         | 20,390         |
| West Linn Police              | Niel Hennley   | 65                                   | 28,275  | 0                       | 2,890   | 31,165               | 936                  | 3.1%         | 30,229         |
| West Linn Public Works        | Niel Hennley   | 43                                   | 18,705  | 0                       | 0   | 18,705               | (2,295)              | -10.9%       | 21,000         |
| TVF&R / West Linn Fire        | <a href="mailto:accountspayable@tvfr.com">accountspayable@tvfr.com</a> | 13                                   | 5,655   | 0                       | 578   | 6,233                | (542)                | -8.0%        | 6,775          |
| <b>TOTAL</b>                  |  | <b>2,272</b>                         | <b>965,483</b>                                      | <b>0</b>                | <b>93,689</b>   | <b>1,059,172</b>     | <b>146,903</b>       | <b>16.1%</b> | <b>912,269</b> |

# CLACKAMAS COUNTY 800 MHz RADIO SYSTEM

## Cost Allocation FY 17/18

April 19, 2017

| MEMBER AGENCIES           |                    | TOTAL<br>VOICE<br>RADIOS<br>FY 17/18 | Annual<br>Operating<br>Cost per<br>voice radio<br>@ | MOBILE<br>Data<br>Radio | Zone<br>Controller<br>Debt Service<br>Payment<br>6 of 7 | Total Annual<br>Cost | FY 17/18<br>Increase |             | FY 16/17 Cost |
|---------------------------|--------------------|--------------------------------------|---|-------------------------|---|----------------------|----------------------|-------------|---------------|
| Boring Water District     | Larry Alexander    | 2                                    | 870   | 0                       |   | 870                  | 30                   | 3.6%        | 840           |
| CC Community Corrections  | Cris Hoy           | 53                                   | 23,055  | 0                       |   | 23,055               | 795                  | 3.6%        | 22,260        |
| CC District Attorney      | Sarah Brown        | 3                                    | 1,305   | 0                       |   | 1,305                | 45                   | 3.6%        | 1,260         |
| CC Dog Services           |                    | 5                                    | 2,175   | 0                       |   | 2,175                | 2,100                |             | 0             |
| Clackamas Co Transp/Weigh | Joe Marek          | 19                                   | 8,265   | 0                       |   | 8,265                | 285                  | 3.6%        | 7,980         |
| Clackamas Co Code/Environ | Sandy Hamilton     | 4                                    | 1,740   | 0                       |   | 1,740                | 60                   | 3.6%        | 1,680         |
| CC Medical Examiner       | Cathy Phelps       | 4                                    | 1,740   | 0                       |   | 1,740                | 60                   | 3.6%        | 1,680         |
| CC Juvenile               | Ellen Crawford     | 4                                    | 1,740   | 0                       |   | 1,740                | 60                   | 3.6%        | 1,680         |
| CC Community College      | Bob Cochran        | 0                                    | -   | 0                       |   | 0                    | 0                    |             | 0             |
| City of Damascus          | Gene Green         | 0                                    | -   | 0                       |   | 0                    | 0                    |             | 0             |
| City of Happy Valley      | Steve Campbell     | 11                                   | 4,785   | 0                       |   | 4,785                | 165                  | 3.6%        | 4,620         |
| Clackamas River Water     | Lee Moore          | 16                                   | 6,960   | 0                       |   | 6,960                | 240                  | 3.6%        | 6,720         |
| Lake Oswego Lake Corp     | Christian Stauffer | 8                                    | 3,480   | 0                       |   | 3,480                | 120                  | 3.6%        | 3,360         |
| Sunrise Water Authority   | Kim Anderson       | 12                                   | 5,220   | 0                       |   | 5,220                | 180                  | 3.6%        | 5,040         |
| Willamette Shore Trolley  | John Nagy          | 1                                    | 435   | 0                       |   | 435                  | 15                   | 3.6%        | 420           |
| <b>TOTAL</b>              |                    | <b>142</b>                           | <b>61,770</b>                                       | <b>0</b>                |   | <b>61,770</b>        | <b>2,130</b>         | <b>3.6%</b> | <b>59,640</b> |

2,414

0

WCCCA

|       |  |     |   |   |  |   |
|-------|--|-----|---|---|--|---|
| CCOM  |  | 139 | 0 | 2 |  | 0 |
| LOCOM |  | 34  | 0 | 0 |  | 0 |

# CLACKAMAS COUNTY

## MHz RADIO SYSTEM

### NUMBER OF PUBLIC SAFETY RADIOS

800

April 19, 2017

| AGENCY                   | Radios       |                      | MDT'S        |          |
|--------------------------|--------------|----------------------|--------------|----------|
| Partners                 | USER         | WCCCA                | USER         | WCCCA    |
| Clackamas County / AMR   | 25           | 25                   | 0            | 0        |
| Boring Fire Dist.        | 83           | 83                   | 0            | 0        |
| Canby Fire               | 66           | 66                   | 0            | 0        |
| Canby Police             | 60           | 60                   | 0            | 0        |
| Clackamas Sheriff        | 665          | 665                  | 0            | 0        |
| Clackamas Fire Dist. #1  | 311          | 311                  | 0            | 0        |
| Colton Fire              | 34           | 34                   | 0            | 0        |
| Estacada Fire            | 47           | 47                   | 0            | 0        |
| Gladstone Police         | 36           | 36                   | 0            | 0        |
| Gladstone Fire           | 50           | 50                   | 0            | 0        |
| Hoodland Fire            | 54           | 29                   |              |          |
| Lake Oswego Police       | 106          | 106                  | 0            | 0        |
| Lake Oswego Fire         | 87           | 87                   | 0            | 0        |
| Lake Oswego Public Works | 76           | 76                   | 0            | 0        |
| Milwaukie Police         | 92           | 92                   | 0            | 0        |
| Milwaukie Public Works   | 46           | 46                   | 0            | 0        |
| Molalla Police           | 33           | 33                   | 0            | 0        |
| Molalla Fire             | 73           | 73                   | 0            | 0        |
| Oregon City Police       | 91           | 91                   | 0            | 0        |
| Sandy Fire               | 70           | 70                   | 0            | 0        |
| Sandy Police             | 46           | 46                   | 0            | 0        |
| West Linn Police         | 65           | 65                   | 0            | 0        |
| West Linn Public Works   | 43           | 43                   | 0            | 0        |
| West Linn Fire / TVF&R   | 13           | 13                   | 0            | 0        |
| <b>Total Partners</b>    | <b>2,272</b> | <b>2,247</b>         | <b>0</b>     | <b>0</b> |
| Members                  | USER         | WCCCA                | USER         | WCCCA    |
| Boring Water District    | 2            | 2                    | 0            | 0        |
| CC Comm Corrections      | 53           | 53                   | 0            | 0        |
| CC District Attorney     | 3            | 3                    | 0            | 0        |
| CC Dog Services          | 5            | 5                    | 0            | 0        |
| Clackamas County Transp  | 19           | 19                   | 0            | 0        |
| Clackamas Cnty Code/Envi | 4            | 4                    | 0            | 0        |
| CC Medical Examiner      | 4            | 4                    | 0            | 0        |
| CC Juvenile              | 4            | 4                    | 0            | 0        |
| CC Community College     | 0            | 0                    | 0            | 0        |
| City of Damascus         | 0            | 0                    | 0            | 0        |
| City of Happy Valley     | 11           | 11                   | 0            | 0        |
| Clackamas River Water    | 16           | 16                   | 0            | 0        |
| Lake Oswego Lake Corp    | 8            | 8                    |              | 0        |
| Sunrise Water Authority  | 12           | 12                   | 0            | 0        |
| Willamette Trolley       | 1            | 1                    | 0            | 0        |
| <b>Total Members</b>     | <b>142</b>   | <b>142</b>           | <b>0</b>     | <b>0</b> |
| <b>TOTAL BILLABLE</b>    | <b>2,414</b> | <b>2,389</b>         | <b>0</b>     | <b>0</b> |
| <b>C800 Total</b>        | <b>2,414</b> | <b>WCCCA Total</b>   | <b>2,389</b> |          |
| <b>Mutual Aid</b>        |              | <b>WCCCA Billing</b> |              |          |
| Aurora Fire              | 15           | 15                   | 0            |          |
| CC Emergency Mgmt        | 10           | 10                   | 0            |          |

CLACKAMAS COUNTY

800

MHz RADIO SYSTEM

NUMBER OF PUBLIC SAFETY RADIOS

|                   |       |       |   |       |
|-------------------|-------|-------|---|-------|
| Monitor Fire      | 10    | 10    | 0 |       |
| ODFW              | 0     | 7     | 0 |       |
| USFS              | 14    | 14    | 0 |       |
| Total Mutual Aid  | 49    | 56    | 0 |       |
|                   |       |       |   |       |
| GRAND TOTAL       | 2,463 | 2,445 | 0 |       |
|                   |       |       |   | 2,463 |
|                   |       |       |   |       |
| CCOM              | 139   | 145   | 2 |       |
| LOCOM             | 34    | 34    | 0 |       |
|                   |       |       |   |       |
| Total w/ Dispatch | 2,636 | 2,624 | 2 |       |
|                   |       |       |   | 2,638 |

# 800 MHz RADIO SYSTEM

## Radio Site Locations - Site Lease Cost

April 19, 2017

|       |                          |               |
|-------|--------------------------|---------------|
| 1     | Carver                   | 0.00          |
| 2     | Skyland                  | 11,124.00     |
| 3     | Damascus                 | 14,832.00     |
| 4     | Wilsonville              | 12,360.00     |
| 5     | Mt Scott                 | 0.00          |
| 6     | Mt View Water Tank       | 0.00          |
| 7     | Petes Mountain           | 16,150.42     |
| 8     | Polivka                  | 6,721.16      |
| 9     | Sandy                    | 12,360.00     |
| 10    | View Acres               | 71,277.54     |
| 11    | Brightwood               | 0.00          |
| 12    | Crutcher                 | 0.00          |
| 13    | Tom Dick & Harry         | 0.00          |
| 14    | Lindhart                 | 0.00          |
| 15    | Timberline               | 0.00          |
| 16    | Canby                    | 12,360.00     |
| 17    | Day Hill                 | 16,390.91     |
| 18    | Highland                 | 0.00          |
| 19    | Redland Rd               | 13,178.74     |
| 20    | Angel Falls              | 0.00          |
| 21    | Oak Grove                | 0.00          |
| 22    | Whalehead                | 0.00          |
| 23    | Goat Mountain            | 24,947.14     |
| 24    | Sawtell                  | 0.00          |
| 25    | LO#2                     | 0.00          |
| 26    | Lake Oswego / Canterbury | In WCCCA Cost |
| Total |                          | \$ 211,701.90 |

| OWNER | LOCATION     | Lease Cost | Lease Terms | 2017/18 Payment | Payment Due | Lease Renewal |
|-------|--------------|------------|-------------|-----------------|-------------|---------------|
|       | Site Address |            |             |                 |             |               |

|   |   |   |  |   |              |             |  |
|---|---|---|--|---|--------------|-------------|--|
| 1 |   | Carver  |  |   | \$ -         |             |  |
| 2 | Lindquist GC LLC<br>PO Box 42135<br>Portland, OR 97242<br>Stuart Lindquist  | Skyland<br>Parcel 21E15AC01400<br>97034                     | \$10,800 Per Year 3%<br>per year escalation /<br>Due Jan 1       | Signed 5/5/2016<br>10 years w/ 4 - 5<br>year options  | \$ 11,124.00 |             | 5/5/2026<br>5/5/2031<br>5/5/2036<br>5/5/2041 |
| 3 | Nicholas and McKenie<br>Chully 9330 SE Wooded<br>Hills Ct Damascus, Or<br>97089   | Damascus Tax Lot 13E28B-<br>01401                           | \$14,400 Per Year 3%<br>per year escalation /<br>Due Jan 1       | Signed<br>2/20/2017 10<br>years w/ 4 - 5<br>year options                                    | \$ 14,832.00 |             |  |
| 4 | City of Wilsonville 25799<br>SW Town Center Loop E<br>Wilsonville 97070   | Tax lot 502, Section 1,<br>T3S, R1W, W.M                    | \$12,000 Per Year 3%<br>per year escalation /<br>Due Jan 1       |   | \$ 12,360.00 |             |  |
| 5 | Oregon Department of<br>Transportation<br>455 Airport Road SE<br>Salem, OR 97301-5375<br>(503) 731-8427<br>Roland Arney | Mt. Scott<br>10999 Ridgeway Dr<br>Happy Valley              | Trading tower space<br>for land lease                            | Signed 2/1/02<br>25 years   | \$0.00       |             | 1/31/2027                                    |
| 6 | City of Oregon City<br>320 Warner Milne Rd<br>Oregon City, OR 97045<br>(503) 657-0891<br>Nancy Kraushaar                | Mt. View Water Tank<br>415 Mountain View St.<br>Oregon City | \$1.00 per year<br>System Partner                                | 10 Year Lease /<br>No date on lease<br>- assume Aug<br>26, 2003 w/ two<br>five year options | \$0.00       |             | 8/26/2013<br>8/26/2018<br>8/26/2023          |
| 7 | BBS Property Mgmt<br>Lewis Snader<br>918 Schaeffer Rd<br>West Linn, OR 97068<br>(503) 705-7994                          | Pete's Mountain<br>1775 Schaeffer Rd West<br>Linn           | \$12,000 per year / 2%<br>per year escalation -<br>Due January 1 | Signed 8/7/01 10<br>yrs w/ 2 5yr<br>options   | \$ 16,150.42 | Jan 1, 2017 | 7/6/2011<br>7/6/16<br>7/6/2021               |



|    |   |   |   |  |              |              |                                     |
|----|---|---|---|--|--------------|--------------|-------------------------------------|
| 8  | Boring Water Dist<br>PO Box 66<br>Boring, OR 97009<br>(503) 663-4594<br>Larry Alexander                                       | Polivka Hill Water Tank<br>26230 Wally Rd<br>Boring                         | \$4,800 per year 2%<br>per year escalation<br>Due January 1                           | Signed 8/7/01 10<br>years w/ 2 - 5yr<br>options                  | \$ 6,721.16  | Jan 1, 2017  | 7/30/2011<br>7/30/2016<br>7/30/2021 |
| 9  | Darren Mc Ara/Tami McAra<br>/Brenda Tinjurn/Robert Lux<br>3516 Kelso Rd Boring, OR<br>97009                                   | Sandy<br>38275 Marcy St Sandy, OR<br>97055                                  | \$12,000 Per Year 3%<br>per year escalation /<br>Due Jan 1                            | Signed<br>9/195/2016 10<br>years w/ 4 - 5<br>year options        | \$ 12,360.00 |              |                                     |
| 10 | Oak Lodge Water District<br>14496 SE River Road,<br>Milwaukie OR 97267<br>(503) 654-7765<br>Katherine Willis                  | View Acres<br>4410 SE View Acres<br>Milwaukie                               | \$3,000 per month / 5%<br>per year escalation -<br>Starts 5/1/05 due to<br>prepayment | Signed 5/24/02<br>15 years w/ 2 -<br>5yr options                 | \$ 71,277.54 | July 1, 2016 | 4/24/2017<br>4/24/2023<br>4/24/2028 |
| 11 | US Dept of Interior<br>Salem Dist Office<br>1717 Fabry Stree SE<br>Salem 97306  | Brightwood<br>WM T2S R6E S14 SW1/4<br>NE1/4 SE1/4 NE1/4                     | \$0   | Signed 5/1/06<br>20 years request<br>new lease in<br>2025        | \$0.00       |              | 4/1/2026                            |
| 12 | US Dept of Interior<br>Salem Dist Office<br>1717 Fabry Stree SE<br>Salem 97306  | Crutcher Bench  | \$0   |  | \$0.00       |              |                                     |
| 13 | US Dept of Agriculture<br>Forest Service Mt Hood<br>National Forest 16400<br>Champion Way<br>Sandy, OR 97055                  | Tom Dick & Harry  | \$0   |  | \$0.00       |              |                                     |
| 14 | State of Oregon<br>Department of Forestry<br>North Cascade District<br>22965 N Fork Road SE<br>Lyons, OR 97358<br>Gregg Cline | Lenhart Butte<br>Tax lot 400 SW1/4 of<br>NW1/4 of SW1/4 of S35<br>T2S R5 WM | \$0   | Signed<br>8/11/05<br>10 years w/ 5<br>year extensions            | \$ -         |              | 7/11/2015<br>7/11/2020<br>7/11/2025 |
| 15 | US Dept of Agriculture<br>Forest Service Mt Hood<br>National Forest 16400<br>Champion Way<br>Sandy, OR 97055                  | Timberline<br>WM S6, T 3S, R 9E   | \$0   | Signed<br>10/21/2013<br>29 years request<br>new lease in<br>2040 | \$ -         |              | 1/1/2042                            |
| 16 | Zimmer Family Limited<br>Trust 28485<br>S Sundowner Court<br>Canby, OR 97013  | Canby<br>Parcel # 00797828<br>Canby, OR 97013                               | \$12,000 Per Year 3%<br>per year escalation /<br>Due Jan 1                            | Signed<br>7/29/2016<br>10 years w/ 4 - 5<br>year options         | \$ 12,360.00 |              |                                     |
| 17 | Cascade Utilities Inc d/b/a<br>Reliance Connects PO<br>Box 189 Estacada,<br>OR 97023  | 23151 S. Day Hill Road<br>Estacada, OR 97023                                | \$15,000 per year w/ a<br>3% adjustment anually                                       | Signed<br>7/13/15<br>10Years w/ 4<br>5 year options              | \$16,390.91  | Jan 1, 2017  | 1/1/2025                            |
| 18 | US Dept of Interior<br>Salem Dist Office<br>1717 Fabry Stree SE<br>Salem 97306  | Highland Butte  | \$0   |  | \$0.00       |              |                                     |
| 19 | Ruth E Staats Trust<br>20062 S. Redland Rd<br>Oregon City, OR 97045<br>971 563-1983<br>3RVision@gmail.com David               | Redland Road<br>20062 S. Redland Rd<br>Oregon City                          | \$9,600 per year 2%<br>per year escalation<br>Due January 1                           | Signed 8/30/01<br>10 years w/ 2 -<br>5yr options                 | \$ 13,178.74 | Jan 1, 2017  | 7/30/2011<br>7/30/2016<br>7/30/2021 |

|    |  |  |  |  |               |               |                                     |
|----|--|--|--|--|---------------|---------------|-------------------------------------|
| 20 | US Dept of Agriculture<br>Forest Service Mt Hood<br>National Forest 16400<br>Champion Way<br>Sandy, OR 97055 | Angel Falls  | \$0  |  | \$0.00        |               |                                     |
| 21 | US Dept of Agriculture<br>Forest Service Mt Hood<br>National Forest 16400<br>Champion Way<br>Sandy, OR 97055 | Oak Grove Butte  | \$0  |  | \$0.00        |               |                                     |
| 22 | US Dept of Agriculture<br>Forest Service Mt Hood<br>National Forest 16400<br>Champion Way<br>Sandy, OR 97055 | Whale Head   | \$0  |  | \$0.00        |               |                                     |
| 23 | Weyerhaeuser Company<br>37904 Brewster Road<br>Lebanon, OR 97355 Attn:<br>Land Use Manager                   | Goat Mt.<br>T55 R2E Sect 7<br>Lots 3900 & 4000   | \$12,000 per year 5%<br>per year escalation<br>Due July 29 | Signed 10/23/02<br>10 years w/ 2 -<br>5yr options      | \$ 24,947.14  | July 29, 2016 | 9/22/2012<br>9/22/2017<br>9/22/2022 |
| 24 | Molalla Fire District<br>320 N Molalla Ave<br>Molalla, OR 97038<br>Vince Stafford                            | Sawtell<br>36715 S Sawtell RD<br>Molalla, OR 97038   | \$0  | Signed<br>6/6/16<br>5 years w/ 5- 5<br>year extensions | \$0.00        |               |                                     |
| 25 |  | Lake Oswego HS   |  |  | \$ -          |               |                                     |
| 26 | WCCCA PO<br>Box 6375<br>Beaverton, OR 97007<br>(503) 690-4911 ext 272<br>Dave Austin                         | WCCCA Site - Canterbury<br>Lane - Share<br>Lease/Maintenance Costs<br>10310 SW Canterbury Ln | Part of WCCCA IGA  |  | In Radio Cost |               | None                                |
| 30 | Clackamas County<br>901 Main St,<br>Oregon City, OR 97045<br>(503) 655-8581<br>County Administrator          | CCOM Prime Site<br>2200 Kaen Rd,<br>Oregon City  | \$0<br>County Owned<br>Property                            | No Lease   | \$0.00        |               | None                                |
| 31 | City of Lake Oswego<br>351 1st Street<br>Lake Oswego, OR 97037<br>(503) 635-0252<br>Leslie Taylor            | LOCOM Dispatch Site<br>351 1st Street<br>Lake Oswego   | \$0<br>City Owned Property                                 | No Lease   | \$0.00        |               | None                                |

**WCCCA FY 2016/17**

### 800 System Maintenance Cost

April 19, 2017

|     |      | Description  | Proposed<br>WCCCA<br>Budget 2017 | C800 Shared Cost |                  | WCCCA<br>Budget 2016 | C800 Shared Cost | Change  |          |
|-----|------|--|----------------------------------|------------------|------------------|----------------------|------------------|---------|----------|
|     |      |  |                                  | 35.7%            |                  | 27.2%                |                  |         |          |
|     |      | PERSONNEL: Radio Srvcs Budget, Adjusted<br>Personal Services: 9.59 FTE |                                  |                  |                  |                      |                  |         |          |
|     |      | Total Personnel  | 1,207,906                        | 431,748          |                  | 1,199,401            | 1,199,401        | 325,718 | 106,030  |
|     |      | Materials & Services   |                                  |                  |                  |                      |                  |         |          |
| 572 | 5300 | Office Supplies (delivery expenses)                                    | 2,200                            | 786              |                  | 1,200                | 1,200            | 326     | 460      |
| 572 | 5301 | Radio Supplies - Shop  | 13,000                           | -                | WCCCA            | 11,712               | 11,712           | 3,181   | (3,181)  |
| 572 | 5303 | Uniforms   | 3,625                            | 1,296            |                  | 3,275                | 3,275            | 889     | 406      |
| 572 | 5323 | Food   | 250                              | 89               |                  | 250                  | 250              | 68      | 21       |
| 572 | 5330 | Non Capital Furn & Equip   | 3,700                            | 1,323            | Share Related    | 15,200               | 11,400           | 3,096   | (1,773)  |
| 572 | 5340 | Software Upgrades  | 2,500                            | 894              | Share Related    | 12,150               | 12,150           | 3,300   | (2,406)  |
| 572 | 5350 | Fuel (Vehicles)  | 10,000                           | 3,574            |                  | 11,000               | 11,000           | 2,987   | 587      |
| 572 | 5360 | Radio Supplies - Infrastructure (÷13 Tower Sites)                      | 50,000                           | 1,923            | Canterbury       | 52,000               | -                | -       | 1,923    |
| 572 | 5363 | M & R Vehicles   | 11,500                           | 4,111            |                  | 12,000               | 12,000           | 3,259   | 852      |
| 572 | 5368 | M & R Computer Equipment   | 108,000                          | 4,154            | Canterbury       | 104,000              | 103,200          | 28,026  | (23,872) |
| 572 | 5413 | Contract / Professional Services                                       | 4,500                            | -                |                  | 26,000               | -                | -       | -        |
| 572 | 5431 | Admin. Telephone   | 4,800                            | 1,716            |                  | 4,600                | 4,600            | 1,249   | 466      |
| 572 | 5461 | Training   | 5,600                            | 2,002            |                  | 3,800                | 2,000            | 543     | 1,459    |
| 572 | 5462 | Travel and Per Diem  | 5,510                            | 1,969            |                  | 5,310                | 1,500            | 407     | 1,562    |
| 572 | 5500 | Dues & Subscriptions   | 500                              | 179              |                  | 500                  | 500              | 136     | 43       |
| 600 | 5300 | Office Supplies (delivery expenses)                                    | 324                              | 116              |                  | 250                  | 250              | 68      | 48       |
| 600 | 5330 | Non Capital Furn & Equip   | 9,350                            | 3,342            | Share Related    | 4,750                | 4,750            | 1,290   | 2,052    |
| 600 | 5350 | Fuel (Sites) (Diesel < ÷ 9 Propane sites for Canterbury)               | 28,051                           | 1,079            | Canterbury       | 26,000               | -                | -       | 1,079    |
| 600 | 5361 | M & R Facility/Sites   | 65,800                           | -                | Canterbury       | 114,500              | 28,000           | 7,604   | (7,604)  |
| 600 | 5362 | M & R Tower Sites Facilities   | 37,469                           | 1,441            | Canterbury       | 11,600               | -                | -       | 1,441    |
| 600 | 5365 | M & R Computer Equipment   | -                                | -                | WCCCA            | -                    | -                | -       | -        |
| 600 | 5413 | Contract / Professional Services                                       | 83,300                           | -                | WCCCA            | 87,100               | -                | -       | -        |
| 600 | 5416 | Building Maintenance   | 49,675                           | -                | WCCCA            | 58,296               | -                | -       | -        |
| 600 | 5432 | Heat/Energy  | 4,531                            | 174              | Canterbury       | 6,000                | -                | -       | 174      |
| 600 | 5433 | Electricity (actual for Cantebury from PGE billing)                    | 125,417                          | 4,824            | Canterbury       | 109,221              | -                | -       | 4,824    |
| 600 | 5434 | Water Sewer  | 15,964                           | -                | WCCCA            | 11,100               | -                | -       | -        |
| 600 | 5436 | Garbage  | 2,436                            | -                | WCCCA            | 2,100                | -                | -       | -        |
| 600 | 5445 | Rent for Site Leases   | 146,566                          | 1                | Canterbury       | 51,000               | -                | -       | -        |
|     |      | Sub-Total Materials and Services                                       | 794,568                          | 34,992           |                  | 744,914              | 207,787          | 56,428  | (21,436) |
|     |      | Insurance  |                                  |                  | Total Canterbury | 78,750               | 13,175           | 13,175  |          |
|     |      | Total Material and Services  |                                  |                  | 13,596           | 823,664              | 220,962          | 69,603  | (42,874) |
|     |      |  |                                  |                  |                  |                      |                  |         |          |

|     |   |  |                  |                |               |  |                  |                   |                |
|-----|---|--|------------------|----------------|---------------|--|------------------|-------------------|----------------|
| 600 | <b>Capital Outlay</b>                                 |  | -                |                |               |  |                  |                   |                |
| 572 | Battery Replace Canterbury - Bond                     |  | 5,000            | 1,787          |               |  |                  |                   |                |
| 572 | APX-8000 radio for Techs (NTS)                        |  | -                |                |               |  |                  |                   |                |
| 572 | R8000 Service Monitor - Bond                          |  | 36,000           | 12,868         |               |  |                  |                   |                |
|     | 4WD vehicle new tech                                  |  | 41,000           | 14,655         |               |  | 262,130          | 82,600            | 22,431         |
|     | Total Capital Outlay                                  |  |                  |                |               |  | 2,285,195        | 1,502,964         |                |
|     |   |  |                  |                |               |  |                  | 150,296           | 150,296        |
|     | <b>WCCCA Overhead Allocation</b>                      |  | 553,943          | 197,999        |               |  |                  |                   |                |
|     |   |  |                  |                |               |  |                  |                   |                |
|     | <b>Totals</b>   |  | <b>2,597,417</b> |                |               |  | <b>2,285,195</b> | <b>1,653,260</b>  | <b>554,874</b> |
|     |   |  |                  |                |               |  |                  | <b>Canterbury</b> | <b>10,898</b>  |
|     |   |  |                  |                |               |  |                  | <b>565,777</b>    | 158,896        |
|     | <b>Number of Radios / Total Cost / Cost per Radio</b> |  | <b>2,269</b>     | <b>679,394</b> | <b>299.42</b> |  | <b>2,195</b>     | <b>565,777</b>    | <b>257.76</b>  |
|     |   |  |                  |                |               |  |                  |                   | <b>(18.31)</b> |

Use \$300.00

| <b>RADIO COUNTS</b>             |              | <b>@ 2/21/17 JH 3/10/17</b> |        |
|---------------------------------|--------------|-----------------------------|--------|
| <b>WCCCA</b>                    | <b>3,992</b> |                             | 62.9%  |
| <b>C800</b>                     | <b>2,269</b> |                             | 35.7%  |
| <b>Newberg</b>                  | <b>87</b>    |                             | 1.4%   |
| <b>Total System Radio Count</b> | <b>6,348</b> |                             | 100.0% |



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

## **Board of Directors Action Request**

**To:** C800 Board of Directors  
**From:** John Hartsock, Manager  
**Date:** April 19, 2017  
**Re:** Approval of Hoodland Fire as a C800 Partner

**REQUEST:** It is hereby requested that the C800 Board of Directors approve the Hoodland Fire District as a Partner of the Clackamas 800 Radio Group.

**ISSUE:** Hoodland Fire District desires to join C800 as a partner and meets the qualifications as outlined in the Inter-Governmental Agreement that governs C800. The Hoodland Board of Directors has approved the Inter-Governmental Agreement at their March 14, 2017 meeting.

**FINANCE:** The District will pay C800's annual fee as determined as part of the budget process.

**LEGAL:** The C800 ORS190 Agreement as executed by all Partners was utilized.

**RECOMMENDATION:** It is recommended that the C800 Board of Directors approve the Hoodland Fire District as a Partner of the Clackamas 800 Radio Group.



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## Board of Directors Action Request

**To:** C800 Board of Directors  
**From:** John Hartsock, Manager  
**Date:** April 19, 2017  
**Re:** Amendment to Don Cushing and Assoc Contract – Existing Sites

**REQUEST:** It is hereby requested that the C800 Board of Directors authorize an amendment to the Don Cushing and Associates contract in the amount of \$221,175 for engineering services at the existing sites.

**DESCRIPTION:** As a part of the communications upgrade project WCCCA on behalf of WCCCA and C800 issued a Request for Proposals for engineering services for the development of the new sites and upgrades to the existing sites. Don Cushing and Associates was the firm chosen on a qualifications basis in accordance with WCCCA and C800 purchasing rules.

In August of 2016 the Board authorized a contract with Don Cushing and Associates for preliminary planning and tower mapping of the ten existing C800 sites in the amount of \$42,500. Cushing has now developed a full scope of work to prepare the required documents to allow C800 to bid the upgrade work. The additional fee for this engineering work is \$221,175.

Our project manager Ken Seymour, Ron Polluconi and myself have thoroughly reviewed the scope of work and proposed fee's and find them reasonable and appropriate.

**FINANCE:** The funds are budgeted in system upgrade project.

**LEGAL:** A C800 amendment agreement as approved by legal counsel will be utilized.

**RECOMMENDATION:** It is recommended that the C800 Board of Directors authorize an amendment to the Don Cushing and Associates contract in the amount of \$221,175 for engineering services at the existing sites.



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## Board of Directors Action Request

**To:** C800 Board of Directors  
**From:** John Hartsock, Manager  
**Date:** April 19, 2017  
**Re:** Amendment to Securasite Contract – Existing Sites

**REQUEST:** It is hereby requested that the C800 Board of Directors authorize an amendment to the Securasite Contract in the amount of \$50,500 for site coordination services at the existing sites.

**DESCRIPTION:** As a part of the communications upgrade project C800 on behalf of WCCCA and C800 issued a Request for Proposals for site acquisition and land use coordination services for the development of the new sites. Securasite was the firm chosen on a qualifications basis in accordance with WCCCA and C800 purchasing rules.

In October of 2015 the Board authorized a contract with Securasite for site acquisition and land use coordination services in the amount of \$268,500. The original scope did not include assistance with the land use issues affiliated with the existing sites. It has been determined that we will require this expertise on these sites. The additional fee for this work is \$50,500.

Our project manager Ken Seymour, Ron Polluconi and myself have thoroughly reviewed the scope of work and proposed fee's and find them reasonable and appropriate.

**FINANCE:** The funds are budgeted in system upgrade project.

**LEGAL:** A C800 amendment agreement as approved by legal counsel will be utilized.

**RECOMMENDATION:** It is recommended that the C800 Board of Directors authorize an amendment to the Securasite Contract in the amount of \$50,500 for site coordination services at the existing sites.



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## Board of Directors Action Request

**To:** C800 Board of Directors  
**From:** John Hartsock, Manager  
**Date:** April 19, 2017  
**Re:** P25 Communication Equipment Request For Qualifications (RFQ) Results

**REQUEST:** It is hereby requested that the C800 Board of Directors authorize staff to enter negotiations with Motorola Solutions for the furnishing and installing of the P25 based land mobile communications equipment portion of the communications upgrade project.

**DESCRIPTION:** As a part of the communications upgrade project WCCCA on behalf of WCCCA and C800 issued a Request for Qualifications in accordance with WCCCA and C800 purchasing rules to determine the qualified firms to provide the P25 based land mobile communications equipment.

The process is a two-phase qualification based procurement. The first phase was the issuance of an RFQ on January 24, 2017 to determine vendors that are qualified to furnish and install the communications equipment. (copy attached) Two responses were received on February 15, 2017 one from Harris Corporation and one from Motorola Solutions.

A team of reviewers was assembled from City of Portland, CRESA, WCCCA, C800, City of Salem, and the State of Oregon to review and score the responses. The team met on April 4 to score and evaluate the proposals. Motorola scored 357.17 points and Harris scored 158.5 points out of a possible 365 points. The score had to exceed 300 points for a vendor to move on in the process.

The vendors were advised on April 11, 2017 (see attached) as to the results of the RFQ process. They have 7 days (April 18, 2017) to protest the results.

In accordance with the purchasing rules if only one vendor meets the qualifications then WCCCA/C800 may commence negotiations with that vendor.

**FINANCE:** The funds are budgeted in system upgrade project.

**LEGAL:** The two step process for a qualifications based procurement was approved by Counsel.

**RECOMMENDATION:** It is recommended that that the C800 Board of Directors authorize staff to enter negotiations with Motorola Solutions for the furnishing and installing of the P25 based land mobile communications equipment portion of the communications upgrade project.



# **Two-Phase Qualification-Based Procurement Request for Qualifications P25 Based Land Mobile Communications Equipment WCCCA/C800**

## **1. Introduction.**

- 1.1. The Washington County Consolidated Communications Agency (“WCCCA”) and the Clackamas 800 Radio Group (“C800”) are jointly seeking to qualify potential suppliers to provide goods and services for an upgrade of the current Land Mobile Voice and Data Communications system. This is a joint cooperative procurement pursuant to ORS 279A.210. WCCCA is the administering contracting agency.
- 1.2. WCCCA provides all public safety communications for Washington County, Oregon. C800 owns and operates a public safety communications system for the benefit of Clackamas County public safety providers.
- 1.3. From 2011 through 2012, WCCCA/C800 performed a necessary upgrade to the existing 2002 Motorola Zone Controller and all related equipment to a Motorola 7.13 ASTRO25 Master Site. This was due to equipment obsolescence and lack of available replacement parts to repair and maintain that equipment.

The upgrade consisted of a full replacement of the Master Site and upgrades to each of the dispatch agencies utilizing the system: WCCCA, Clackamas County (“CCOM”), City of Lake Oswego (“LOCOM”), the City of Newberg. It also integrated Motorola SmartX Site repeater site interfaces and Motorola Gold Elite Gateway (“MGEG”) interfaces to allow for a flexible upgrade process from the existing 1993 Analog 3600 Baud trunking system to a 2013 Motorola ASTRO P25 trunking system.

The upgrade project included an Inter Sub System Interface (“ISSI”) with links intended to connect to three existing or planned Motorola Astro Systems in the greater Portland Metro area: The City of Portland, Clark Regional Emergency Services Agency (Clark County, WA or “CRESA”), and the City of Salem. The project also included a Motorola Astro trunked P25 LMR repeater subsystem supporting Clackamas County.

WCCCA and C800 made subsequent upgrades in 2015 when a second Motorola Astro trunked P25 LMR repeater subsystem supporting portions of Washington County was procured, the existing Clackamas County Astro trunked P25 LMR repeater channel capacity was increased, and a Key Management Facility to interconnect with the City of Portland was implemented.

Due to the aging condition of the remaining, not upgraded, communications infrastructure WCCCA/C800 are seeking to qualify a supplier to upgrade the remaining elements of the overall two county-wide “System.” WCCCA/C800 also seek to preserve and enhance system functionality, interoperability and the overall operational capabilities for the first responder community. The overarching goal is to create a “System of Systems” for Public Safety dispatch agencies to serve the greater metro area public safety community, whose service members frequently travel into and out of adjoining county systems as well as interoperate with each other on joint or mutual aid responses/operations.

## **2. Procurement Authority.**

2.1. WCCCA issues this RFQ pursuant to Section 15-110 of WCCCA’s procurement rules. C800 has consistent rules at Section F2 of its procurement rules. WCCCA/C800 have considered the following criteria in choosing to procure the goods and services they seek in accordance with those sections:

2.1.1. *Limited Vendor Pool.* There are a limited number of vendors that can provide the goods and services WCCCA/C800 desires. Unlike a traditional procurement for certain types of goods (e.g. office supplies, vehicles, computers, etc.) and services (janitorial services, professional services, etc.), there are very few vendors in the marketplace that can supply the communications equipment and services WCCCA/C800 seeks through this procurement.

2.1.2. *Technical Complexity.* The more technically complex the goods and services WCCCA/C800 seeks, the more appropriate it is for WCCCA/C800 to utilize the procurement process detailed in Section 15-110 of the WCCCA rules and F2 of the C800 rules. In this instance, the goods and services WCCCA/C800 seeks are very specialized and highly complex. They will be utilized to create a “system of systems” that will permit seamless interoperability for first responders under WCCCA/C800’s jurisdiction when they are operating inside and outside of their “home” system (WCCCA/C800’s boundaries). It is critical to WCCCA/C800 that all of the functionality its users will have while in their “home” system will remain when those users are within a “foreign” system (e.g. Portland, Clark County and Salem).

2.1.3. *Interoperability and Preservation of Existing Assets.* As described in the RFQ, WCCCA/C800 requires the goods and services it seeks through this procurement to be fully interoperable with neighboring communications systems. In addition, based upon WCCCA/C800’s investment in its zone controller in 2012, it is critical that this piece of

infrastructure – which cost approximately 2.2 million dollars – remains robust, fully functional and fully compatible with the system upgrades sought through this procurement. In the absence of that full compatibility, WCCCA/C800 would be forced to replace the zone controller at a significant expense. That cost would be in addition to the expense of the goods and services they seek through this RFQ.

3. **WCCCA/C800's Objectives.** For the benefit of respondents, WCCCA/C800 have two primary objectives relative to this RFQ:

3.1. *To the maximum extent possible preserve:*

- 3.1.1. A consistent field user experience within “home” and “foreign” systems (the "home" system is defined as the Proposed LMR voice and data system upgrade to be provided to WCCCA/C800 and the "foreign" system is any one of the three Motorola systems referenced above and potentially other Motorola Astro Systems in the future);
- 3.1.2. The features and capabilities provided by a system of system design leveraging existing or soon to be implemented Motorola Astro systems within the greater Portland Metropolitan areas;
- 3.1.3. The investments WCCCA/C800 have made to date in their system:
  - 3.1.3.1. Approximately 3.0 million dollars of public funds in upgrades.
  - 3.1.3.2. Intellectual capital in training and the development of technical staff.
  - 3.1.3.3. Intellectual capital in training and development of dispatch personnel at four regional dispatch centers.
  - 3.1.3.4. Investment in test equipment and spare parts/assemblies.
  - 3.1.3.5. The full use of features and capabilities of over 1000 Motorola APX series radios purchased and implemented by public agencies within Washington, Clackamas, and Yamhill counties over the past several years.
- 3.1.4. The ability to exchange subscriber data and services such as encryption keys seamlessly between our regional public safety partners without subscriber intervention regardless of what system within the region they may be operating on (Home or Foreign).
- 3.1.5. Newly purchased P25 portable, mobile and control stations that are fully compatible with the existing SMARTX/Analog system as well as the resulting P25 digital LMR system after the upgrade has been completed.
- 3.1.6. The ability for technical staff to prepare and distribute radios into the field well in advance of the cut over to the new digital infrastructure resulting in a near seamless transition from the current system(s) to the upgraded system(s).
- 3.1.7. Leveraging all available technologies, to maximize operational capability for Public Safety Personnel with the Portland Metropolitan area and move WCCCA/C800 further towards the adoption of the SAFECOM continuum (a DHS supported communications program to improve interoperability under the U.S. Department of Homeland Security).  
<https://www.dhs.gov/safecom>

- 3.2. *To the maximum extent possible enhance WCCCA/C800 system's operational capabilities by:*
- 3.2.1. Increasing the system performance related coverage to compensate for operational and performance differences in the transition from Analog to Digital P25 technologies.
  - 3.2.2. Ensuring all P25 compliant subscribers and fixed station equipment, at a minimum, have been tested and found compliant to the most recent P25 CAP (Compliance Assessment Program) as defined by the Department of Homeland Security's Office for Interoperability and Compatibility. Testing must have been performed by DHS-recognized laboratories to conduct performance, conformance and interoperability tests on respondents proposed products.
    - 3.2.2.1. NOTE: subscriber and fixed station P25 equipment shall be required to have a fully documented Summary Test Report (STR) and Declaration of Compliance (SDOC) documents based on a Detailed Test Report (DTR) from a DHS-recognized laboratory(s) that has performed the testing.
  - 3.2.3. Provide additional performance related coverage into areas of the three-county area by increasing the number of communications sites in areas that, to date, have been lacking adequate coverage.
  - 3.2.4. Within Clackamas County and the City of Newberg, substantially improve "In-Building" performance related coverage within the urban growth and city boundaries.
  - 3.2.5. Providing seamless roaming between simulcast cells, trunked repeater sites, and conventional resources leveraging both Home and interconnected adjacent Motorola Astro systems.
  - 3.2.6. Increasing system talk path capacities to address current and future demand for voice and data communications over the next 20 years.
  - 3.2.7. Implementing Geo-Redundant Master sites, and Prime sites for core area simulcast cells.
  - 3.2.8. Interconnecting to the State of Oregon's system for interoperable voice communications between State and WCCCA/C800 City and County agencies.
  - 3.2.9. Expanding the use of WCCCA/C800 data services to Regional Partners systems to provide features such as OTAP (Over the Air Programming), near real time management and updates/changes to encryption keys, Location Services, messaging, etc. within the greater Portland Metropolitan and Salem areas.

#### 4. **Instructions to Responders.**

- 4.1. Inquiries, questions, clarifications or a solicitation protest must be submitted to Ron Polluconi at [rpolluconi@wccca.com](mailto:rpolluconi@wccca.com) no later than **February 4, 2017 at 3pm**. Responses to the RFQ will be due on **February 15, 2017 by 3pm** at WCCCA's office (17911 NW Evergreen Pkwy, Beaverton, Oregon 97006). Respondents must submit at least one hard copy and one digital copy in a PDF format of the response in a sealed envelope entitled "Response to Request for Qualifications P25 Based Land Mobile Communications Equipment." Respondents must identify a single point of contact in their responses. Late responses will not be accepted. WCCCA/C800 may reject any response not in compliance with all prescribed requirements.

- 4.2. All inquiries must be directly related to a specific requirement and must be submitted in writing to WCCCA/C800 and shall be directed to Ron Polluconi at [rpolluconi@wccca.com](mailto:rpolluconi@wccca.com). It is the responsibility of respondents to ensure staff has received inquiries or questions.
- 4.3. Staff will judge the applicability of the question or inquiry to the specific requirement and if found applicable shall accept and respond to all Responders, in the form of an addendum to the solicitation to ensure an even and fair flow of information with regards to this process. Any addenda to this RFQ will be distributed only to those vendors requesting the RFQ or to those persons who have requested in writing to Mr. Polluconi to receive addenda.
- 4.4. In accordance with Section 15-110 of WCCCA and section F2 of C800's procurement rules, this procurement will involve two phases. This RFQ is the first phase. WCCCA/C800 will only issue an RFP in a second phase if it determines through this RFQ process that more than one vendor is qualified to provide WCCCA/C800 the goods and services they seek. Otherwise, WCCCA/C800 will proceed in the second phase to negotiate a contract with the qualified vendor.
- 4.5. Any responder WCCCA/C800 deems not qualified may protest that determination in accordance with Section 30-135.9 of WCCCA's rules – Protests of Multi-Step Solicitations.
- 4.6. Responders must review the qualifications that WCCCA/C800 requires a successful responder to possess and answer the various questions posed in the Key Requirements Matrix below.
- 4.7. Responders must submit a completed Key Requirement Matrix with their response.
- 4.8. Responders must submit a completed Responder Certification form with their response. That form follows the Key Requirements Matrix below.
- 4.9. Responders may submit with their response additional information directly related to a requirement in the Key Requirement Matrix in order to demonstrate compliance with a requirement
- 4.10. WCCCA will not publicly open responses to the request, but will permit public inspection of the responses after the first phase of the solicitation is complete; provided that WCCCA/C800 may withhold from disclosure those portions of the response that the respondent designates as trade secrets or as confidential proprietary data in accordance with applicable law.

**5. Qualifications.**

- 5.1. A qualified vendor must be able to demonstrate, and WCCCA/C800 to independently verify at its discretion, the following key technical, functional and operational requirements in order to provide WCCCA/C800 users with seamless, fully optimized, voice and data communications anywhere within the greater Portland metropolitan area. This is referred to as a System of Systems approach.
- 5.2. The foundation is the existing, interconnected Motorola Astro system with the City of Portland, and the two new Motorola Astro systems being implemented by CRESA and the City of Salem, all of which are intended to be interconnected to the WCCCA/C800 system. This, then, establishes a basis for operational features and full interoperable functionality within the region.
- 5.3. All responses must reflect respondent's current software, products, features and offerings that are available for shipment and immediate use as of the date of this RFQ and may not reference future product/development possibilities, efforts, or plans.
  - 5.3.1. Responses shall include and identify software/hardware/technologies that have been developed by or licensed by others than the respondent.
- 5.4. All operational function(s), feature(s), or capability(s) shall be validated and supported by the respondent's provided/submitted testing documentation. Or, in the case of a proprietary implementation, they may be validated in field installations and confirmed by WCCCA/C800 or its authorized agents. Respondent must provide any reference or customer contact information if requested by WCCCA/C800.
- 5.5. If any operational function(s), feature(s), or capability(s) are provided by multiple vendors, respondent must provide Project 25 Compliance Assessment Program (CAP) testing/compliance documentation from a verified laboratory as approved by Project 25 Compliance Assessment Program administrated by the Department of Homeland Security's Office for Interoperability and Compatibility for those vendors.
- 5.6. If a respondent references interoperable capabilities, functions and features between the proposed upgrade to the WCCCA/C800 system and the adjacent Motorola Astro Systems, the respondent shall reference only those capabilities/solutions that are currently offered and supported by the respondent and are specific to the equipment and related interfaces that interconnect and interoperate with the adjacent Motorola Astro systems.
- 5.7. The respondent shall identify any and all external dependencies that are not currently under license or manufacture. Such dependencies will be scored as not fully compliant to the applicable requirement.

- 5.7.1. External Dependencies is defined as a service or product that is not developed, owned, licensed, and/or otherwise controlled by respondent.
  - 5.7.2. Such dependencies shall be fully disclosed in the “comments/additional information” section or as a referenced attachment for each requirement in the Key Requirement Matrix.
- 5.8. All responses must encompass regional functionality when operating between the proposed WCCCA/C800 system upgrade and the three adjacent systems referenced above (CRESA, City of Portland, and City of Salem).
- 5.9. Key Requirement Matrix.
- 5.9.1. Respondents shall complete the following Key Requirements Matrix in its entirety to have their response considered acceptable. These are the criteria WCCCA/C800 will use to evaluate a respondent’s qualifications, along with any independent inquiries WCCCA/C800 deem necessary to determine compliance with the RFQ. WCCCA/C800 may engage in oral or written discussions with respondents to this RFQ.
  - 5.9.2. Scoring for compliance is solely within the authority of WCCCA/C800 staff and scoring will be based on a respondent’s submission and the criteria in this RFQ. WCCCA/C800 will only consider a respondent to be qualified if it obtains a score of 300 points or higher based upon the Key Requirements Matrix criteria below.

| Home System(s) = Respondents System<br>Foreign System(s) = Existing or currently under construction Motorola Astro Systems or State of Oregon's Harris system<br><br>Key requirements are used for proposer qualification and do not represent the total of all requirements for the design and implementation of the overall system, the subscriber units, or local, regional, or Statewide connectivity/interoperability |  | 160 Maximum Possible Points - This section |                |               |                                  |   |   |   |   |
|--|--|--|----------------|---------------|----------------------------------|---|---|---|---|
|  |  | Respondent Applicability                   |                |               | Respondent                       | Respondent Applicable Software/ Hardware/ System Revision | WCCCA/C800 Requested Supporting Materials (if applicable) | Respondent Provided Supporting Material(s) Reference Location | Respondent Additional Clarification/Justification/Explanation/ Comments |
|  |  | Fully Comply                               | Partial Comply | Do Not Comply | Date of Compliance if applicable |   |   |   |   |
|  |  | 5 points                                   | 2 points       | 0 points      |                                  |   |   |   |   |
| Item   | Home and/or Foreign System Operational Requirements  |  |                |               |                                  |   |   |   |   |
| 1  | Respondents home system shall have implemented the Project 25 Over The Air Interface to allow Integrated Voice and Data communications between the Home system infrastructure and subscriber units from multiple Project 25 radio vendors  |  |                |               |                                  |   |   |   |   |
| 2  | Respondents home system shall have implemented the Project 25 Inter RF Subsystem Interface (ISSI) and shall have ISSI-based voice capabilities between the Home and Foreign System(s)  |  |                |               |                                  |   |   |   |   |
| 3  | Respondents home system shall support the ability to rekey (i e change encryption keys) for Home-based subscriber units via the Project 25 Integrated Voice and Data channel when they are affiliated on the Home system   |  |                |               |                                  |   |   |   |   |
| 4  | Respondents home system shall support the ability to rekey (i e change encryption keys) for Home-based subscriber units via the Project 25 Integrated Voice and Data channel when they are affiliated on the Foreign system(s) via an interconnection between the Home and Foreign Systems                 |  |                |               |                                  |   |   |   |   |
| 5  | Respondents Key Management Facility in the Home system shall be able to rekey Home System-based radios on either the Home or Foreign System(s) via an interconnection between the Home and Foreign Systems (not manually using KVL or similar manual methods)  |  |                |               |                                  |   |   |   |   |
| 6  | Respondents home system shall not require a Foreign System(s) to communicate with a Home system subscriber in order to rekey regardless of the system (Home or Foreign) that the radio is currently affiliated with  |  |                |               |                                  |   |   |   |   |
| 7  | Respondents home system shall be able to remotely reprogram (a k a change operational parameters) for Home-based subscriber units via a Project 25 Integrated Voice and Data channel when they are affiliated to the Home system   |  |                |               |                                  |   |   |   |   |
| 8  | Respondents home system shall be able to remotely reprogram (a k a change operational parameters) for Home-based subscriber units via a Project 25 Integrated Voice and Data channel when they are affiliated to the Foreign system(s)   |  |                |               |                                  |   |   |   |   |
| 9  | Respondents home system shall have implemented the Project 25 Over The Air Interface to allow the Integrated Voice and Data channel in data mode to provide GPS location information (i e coordinates) to the Home system processing system from Home Subscriber radios when affiliated to the Home System |  |                |               |                                  |   |   |   |   |
| 10   | Respondents home system shall be capable of receiving the same GPS location information (i e in the same format for identical processing) from Home subscribers when they are affiliated to the Foreign system(s)  |  |                |               |                                  |   |   |   |   |
| 11   | Respondents home system shall have implemented the Project 25 Over The Air Interface to allow the Integrated Voice and Data channel in data mode to provide P25-based Text Messages to the Home system messaging platform from Home Subscriber radios when affiliated to the Home System                   |  |                |               |                                  |   |   |   |   |
| 12   | Respondents home system shall send Text Messaging messages in the same format for Home subscribers when they are affiliated to the Foreign system(s)   |  |                |               |                                  |   |   |   |   |



| <b>Home System(s) = Respondents System</b><br><b>Foreign System(s) = Existing or currently under construction Motorola Astro Systems or State of Oregon's Harris system</b><br><br><b>Key requirements are used for proposer qualification and do not represent the total of all requirements for the design and implementation of the overall system, the subscriber units, or local, regional, or Statewide connectivity/interoperability</b> |  | <b>Respondent Applicability</b><br><br>Fully Comply   Partial Comply   Do Not Comply |          |          | <b>Respondent</b><br><br>Date of Compliance if applicable | <b>Respondent</b><br>Applicable Software/ Hardware/ System Revision | <b>WCCCA/C800</b><br>Requested Supporting Materials (if applicable) | <b>Respondent</b><br>Provided Supporting Material(s) Reference Location | <b>Respondent</b><br>Additional Clarification/Justification/Explanation/ Comments |
|---|--|--|----------|----------|---|---|---|---|---|
| Item  | Home and/or Foreign System Operational Requirements  | 5 points   | 2 points | 0 points |   |   |   |   |   |
| 13  | Respondents home system shall have implemented the Project 25 Inter RF Subsystem Interface (ISSI) and support Unit Registration; Inter System SUs (subscriber units) and Unit Registration; Inter WACN SUs and any other applicable definition that encompasses the feature commonly referred to as "Automatic Roaming", a k a the ability for a Home and/or Foreign subscriber radio to automatically affiliate and operate between ISSI-based connected systems without user intervention of any kind as defined by the P25 standard |  |          |          |   |   |   |   |   |
| 14  | Respondents home system shall have implemented the Project 25 Inter RF Subsystem Interface (ISSI) and support Broadcast Call, Announcement Group Call, and Emergency Group Call between the Home and Foreign system(s) as defined by the P25 ISSI standard   |  |          |          |   |   |   |   |   |
| 15  | Respondents home system shall have implemented the Project 25 Inter RF Subsystem Interface (ISSI) and support Emergency Alarm, Emergency Alarm Cancellation, and Group Emergency Cancellation features (as defined by the P25 ISSI standard) between the Home and Foreign System(s)  |  |          |          |   |   |   |   |   |
| 16  | Respondents home system shall have implemented the Project 25 Inter RF Subsystem Interface (ISSI) and support Confirmed and Unconfirmed Group Voice Services between the Home and Foreign system(s) as defined by the P25 ISSI standard  |  |          |          |   |   |   |   |   |
| 17  | Respondents home system shall have implemented the Project 25 Inter RF Subsystem Interface (ISSI) and support both AES and DES-OFB encrypted calls and/or services between the Home and Foreign system(s)  |  |          |          |   |   |   |   |   |
| 18  | Respondents home system shall have implemented the Project 25 Inter RF Subsystem Interface (ISSI) and support both FDMA and TDMA calls and/or services between the Home and Foreign system(s)  |  |          |          |   |   |   |   |   |
| 19  | Respondents home system shall have implemented the Project 25 Inter RF Subsystem Interface (ISSI) and support Secure Unit Registration; Inter System SUs (subscriber units) and Secure Unit Registration; Inter WACN SUs and any other applicable definition that encompasses the feature commonly referred to as "Radio Authentication" as defined by the P25 standard  |  |          |          |   |   |   |   |   |
| 20  | Respondents home system shall have implemented the Project 25 Inter RF Subsystem Interface (ISSI) and support Console Priority, Console Takeover of subscriber audio, Call Interrupt, Console Take Over by Another Console, Console Display of Transmission Source Type, TX Source Type Identification subscriber or console, Console Knowledge of when it is Receiving Duplicate Audio, Console Voice Source Type Identifiers defined by the P25 standard   |  |          |          |   |   |   |   |   |
| 21  | Respondents home system shall send/receive subscriber alias information with a Foreign system to support aliases for Home-based subscriber units when the Home-based subscribers are affiliated on and using Foreign system(s)   |  |          |          |   |   |   |   |   |
| 22  | Respondents home system shall send/receive subscriber alias information from a Foreign system so that aliases for Foreign-based subscriber units are used when Foreign subscribers are affiliated on and using the Home system   |  |          |          |   |   |   |   |   |
| 23  | Respondents home system shall broadcast to affiliated subscriber units pre-configured adjacent control channel frequencies for the adjacent Foreign system(s)  |  |          |          |   |   |   |   |   |

| Home System(s) = Respondents System<br>Foreign System(s) = Existing or currently under construction Motorola Astro Systems or State of Oregon's Harris system<br><br>Key requirements are used for proposer qualification and do not represent the total of all requirements for the design and implementation of the overall system, the subscriber units, or local, regional, or Statewide connectivity/interoperability |   | Respondent Applicability |                |               | Respondent                       | Respondent Applicable Software/Hardware/System Revision | WCCCA/C800 Requested Supporting Materials (if applicable) | Respondent Provided Supporting Material(s) Reference Location | Respondent Additional Clarification/Justification/Explanation/Comments |
|--|---|--------------------------|----------------|---------------|----------------------------------|---|---|---|--|
| Item   | Home and/or Foreign System Operational Requirements   | Fully Comply             | Partial Comply | Do Not Comply | Date of Compliance if applicable |   |   |   |  |
|  |   | 5 points                 | 2 points       | 0 points      |                                  |   |   |   |  |
| 24   | Respondents home system shall provide full voice, data and control functionality through geographic redundancy at the main system controller level and at the simulcast "prime" site level  |                          |                |               |                                  |   |   |   |  |
| 25   | Respondents home system shall provide outbound text messaging (i.e. text messages sent to subscriber units) that utilize a specified talkgroup via a P25 Integrated Voice and Data channel in voice mode and that is sent to all units within that talkgroup simultaneously                   |                          |                |               |                                  |   |   |   |  |
| 26   | Respondents home system shall provide a dynamic transcoding scheme so that different vocoders (supporting different call types such as FDMA and TDMA) are efficiently utilizing RF channel resources between RF sites, simulcast cells, and ISSI-connected RF systems/subsystems              |                          |                |               |                                  |   |   |   |  |
| 27   | Respondents home system shall provide connectivity/functionality so that selected audio can be shared/connected to different technology platforms (e.g. Smart Phones) via the Internet, private Wi-Fi, and/or cellular networks with the audio remaining encrypted (as required) at all times |                          |                |               |                                  |   |   |   |  |
| 28   | Respondents home system shall provide a mechanism for the Home system to dynamically change the talkgroup on a Home system subscriber based on the physical location of the radio(s) when affiliated to the Home system   |                          |                |               |                                  |   |   |   |  |
| 29   | Respondents home system shall support a "mixed-mode" conventional simulcast technology (mixed-mode is defined as a single RF channel providing analog or P25 digital conventional services dynamically based on the call type originated)   |                          |                |               |                                  |   |   |   |  |
| 30   | Respondents home system shall support a mechanism to divide/separate conventional users on the same conventional RF channel through a talkgroup definition that is managed by a trunked controller(s)   |                          |                |               |                                  |   |   |   |  |
| 31   | Respondents home system shall support simultaneous, fleet-wide subscriber core software (a.k.a. firmware or operating software, but not configuration/programming) downloads through the P25 Integrated Voice and Data channel when the subscriber is affiliated to the Home system           |                          |                |               |                                  |   |   |   |  |
| 32   | Respondents home system shall support subscriber feature changes (a.k.a. feature activation/deactivation, flash code) through the P25 Integrated Voice and Data channel when the subscriber is affiliated to the Home system  |                          |                |               |                                  |   |   |   |  |

| Home System(s) = Respondents System<br>Foreign System(s) = Existing or currently under construction Motorola Astro Systems or State of Oregon's Harris system<br><br>Key requirements are used for proposer qualification and do not represent the total of all requirements for the design and implementation of the overall system, the subscriber units, or local, regional, or Statewide connectivity/interoperability |   | 165 Maximum Possible Points - This section |                |               |                                  |   |   |   |  |
|--|---|--|----------------|---------------|----------------------------------|---|---|---|--|
|  |   | Respondent Applicability                   |                |               | Respondent                       | Respondent Applicable Software/Hardware/System Revision | WCCCA/C800 Requested Supporting Materials (if applicable) | Respondent Provided Supporting Material(s) Reference Location | Respondent Additional Clarification/Justification/Explanation/Comments |
|  |   | Fully Comply                               | Partial Comply | Do Not Comply | Date of Compliance if applicable |   |   |   |  |
| Item   | Respondent Subscriber (a k a mobiles, portables, control stations, etc.) Requirements   | 5 points                                   | 2 points       | 0 points      |                                  |   |   |   |  |
| 1  | Respondents subscribers shall have implemented the Project 25 Over The Air Interface to allow consistent Integrated Voice and Data services when affiliated to either the Home or Foreign system(s)                       |  |                |               |                                  |   |   |   |  |
| 2  | Respondents subscribers shall have implemented the P25 Data over trunking SNDCP protocol to provide consistent services on both the Home and Foreign System(s)  |  |                |               |                                  |   |   |   |  |
| 3  | Respondents subscribers shall have the ability to provide GPS Location services (i e automated GPS Coordinate transmission) on both the Home and Foreign system(s) in order to provide the data to the Home system        |  |                |               |                                  |   |   |   |  |
| 4  | Respondents subscribers shall have the ability to provide Text Messaging services to the Home system when affiliated to either the Home or Foreign system(s)  |  |                |               |                                  |   |   |   |  |
| 5  | Respondents subscribers shall have the ability to be rekeyed when affiliated to either the Home or Foreign system(s) via the Home system Key Management Facility and a P25 Integrated Voice and Data channel in data mode |  |                |               |                                  |   |   |   |  |
| 6  | Respondents subscribers shall have the ability to be reprogrammed (i e change operational parameters) when affiliated to either the Home or Foreign system(s) via a P25 Integrated Voice and Data channel in data mode    |  |                |               |                                  |   |   |   |  |
| 7  | Respondents subscribers shall have the ability to encrypt both voice and data communication on both the Home and Foreign System(s)  |  |                |               |                                  |   |   |   |  |
| 8  | Respondents subscribers shall have the ability to provide increased automated GPS reporting rates in a scheduled manner where that schedule is dynamically controlled by the system(s) trunking controller                |  |                |               |                                  |   |   |   |  |
| 9  | Respondents subscribers shall have the ability to select (a k a prefer) RF sites so that roaming and the resulting RF channel utilization may be managed/controlled   |  |                |               |                                  |   |   |   |  |
| 10   | Respondents subscribers shall have the ability to automatically roam between RF bands (e g VHF, UHF, 700 MHz, 800 MHz) seamlessly between RF sites  |  |                |               |                                  |   |   |   |  |

| Home System(s) = Respondents System<br>Foreign System(s) = Existing or currently under construction Motorola Astro Systems or State of Oregon's Harris system   |   | Respondent Applicability |                |               | Respondent                       | Respondent Applicable Software/Hardware/System Revision | WCCCA/C800 Requested Supporting Materials (if applicable) | Respondent Provided Supporting Material(s) Reference Location | Respondent Additional Clarification/Justification/Explanation/Comments |
|---|---|--------------------------|----------------|---------------|----------------------------------|---|---|---|--|
| Key requirements are used for proposer qualification and do not represent the total of all requirements for the design and implementation of the overall system, the subscriber units, or local, regional, or Statewide connectivity/interoperability |   | Fully Comply             | Partial Comply | Do Not Comply | Date of Compliance if applicable |   |   |   |  |
| Respondent Subscriber (a k a mobiles, portables, control stations, etc.)  |   |                          |                |               |                                  |   |   |   |  |
| Item  | Requirements  | 5 points                 | 2 points       | 0 points      |                                  |   |   |   |  |
| 11  | Respondents subscribers shall provide a consistent user experience when on the Home or Foreign system, this includes audible tones, messages, and or operational functions, features, capabilities  |                          |                |               |                                  |   |   |   |  |
| 12  | Respondents subscribers shall support a dynamic IP assignment scheme to allow the IP address of the subscriber unit to be dynamically changed by the System Manager and/or Home system infrastructure   |                          |                |               |                                  |   |   |   |  |
| 13  | Respondents subscribers shall support an over the air programming process that is timely and does not require a complete reprogramming/download of the radio configuration for any change on both the Home and Foreign System(s)  |                          |                |               |                                  |   |   |   |  |
| 14  | Respondents subscribers shall support an over the air programming process that is resilient and will pause for a voice/data call and then resume upon completion of the voice/data call on both the Home and Foreign System(s)  |                          |                |               |                                  |   |   |   |  |
| 15  | Respondents subscribers shall support adaptive technology to provide noise suppression and optimize intelligibility of voice communications   |                          |                |               |                                  |   |   |   |  |
| 16  | Respondents subscribers shall support multi-band operation (VHF, UHF, 700/800 MHz) in a single radio utilizing a single antenna without external filters or duplexers   |                          |                |               |                                  |   |   |   |  |
| 17  | Respondents subscribers shall support programming, software updates, and other programming changes via Wi-Fi connectivity   |                          |                |               |                                  |   |   |   |  |
| 18  | Respondents portable radios must have tempered glass or a transparent material of equal strength and durability on all displays   |                          |                |               |                                  |   |   |   |  |
| 19  | Respondents subscribers must comply with FIPS 140-2 L3 Hardware Encryption on all models  |                          |                |               |                                  |   |   |   |  |
| 20  | Responders subscriber radios shall support encryption capable Bluetooth communications for wireless accessories   |                          |                |               |                                  |   |   |   |  |
| 21  | Respondents subscriber radios shall support Wi-Fi utilizing industry standard encryption methods  |                          |                |               |                                  |   |   |   |  |
| 22  | Respondents subscribers shall be designed to work with an integrated Fleet Management tool that shall at a minimum, develop, manage, and track templates, code plugs, firmware, radio identification and subscriber identification and allow individual and batch radio programming and automatically update the Fleet database via the Home RF communications System or via a separate IP based network for connectivity |                          |                |               |                                  |   |   |   |  |
| 23  | Respondents portable Fire Radios shall meet or exceeds MIL-STD 512 X/I, IP68 (2 meters for 2 hours), ANSI/TIA 4950-A, ANSI/ISA 12.12.01-2015  |                          |                |               |                                  |   |   |   |  |
| 24  | Respondents mobile radios shall have a defined and operational interface to interconnect with a third party LTE modem for data connectivity to support messaging, rekeying and vehicle location services, etc.  |                          |                |               |                                  |   |   |   |  |

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|--|--|--------------------------|----------------|---------------|----------------------------------|--|--|--|---|
|  |  | Respondent Applicability |                |               | Respondent                       | Respondent                                   | WCCCA/C800                                     | Respondent   | Respondent  |
|  |  | Fully Comply             | Partial Comply | Do Not Comply | Date of Compliance if applicable | Applicable Software/Hardware/System Revision | Requested Supporting Materials (if applicable) | Provided Supporting Material(s) Reference Location | Additional Clarification/Justification/Explanation/Comments |
| Respondent Subscriber (a k a mobiles, portables, control stations, etc.)   |  |                          |                |               |                                  |  |  |  |   |
| Item   | Requirements   | 5 points                 | 2 points       | 0 points      |                                  |  |  |  |   |
| 25   | Respondents subscribers shall receive outbound text messaging (i e text messages sent to subscriber units) that utilize a talkgroup via a P25 Integrated Voice and Data channel in voice mode  |                          |                |               |                                  |  |  |  |   |
| 26   | Respondents subscribers shall support user defined configuration that provides voice over data as a priority and hold off data transmissions until the voice message has been completed and then data shall resume rather than be restarted                    |                          |                |               |                                  |  |  |  |   |
| 27   | Respondents subscribers shall have the ability to receive subscriber alias downloads (i e updates) via the P25 Integrated Voice and Data channel in voice mode when the subscriber is affiliated to the Home system  |                          |                |               |                                  |  |  |  |   |
| 28   | Respondents subscribers shall have the ability to receive core software (a k a firmware or operating software, not configuration/programming) downloads through the P25 Integrated Voice and Data channel when the subscriber is affiliated to the Home system |                          |                |               |                                  |  |  |  |   |
| 29   | Respondents subscribers shall have the ability to receive subscriber feature changes (a k a feature activation/deactivation, flash code) through the P25 Integrated Voice and Data channel when the subscriber is affiliated to the Home system                |                          |                |               |                                  |  |  |  |   |
| 30   | Subscribers shall have the ability to send GPS/Location information within a P25 Integrated Voice and Data channel in voice mode for processing by the Home system during a voice transmission   |                          |                |               |                                  |  |  |  |   |
| 31   | Respondents subscribers shall have the ability to send GPS/location information upon the activation of an emergency call on both the Home and Foreign system with the GPS/location information to be sent to the Home system                                   |                          |                |               |                                  |  |  |  |   |
| 32   | Respondents subscribers shall support automatic talkgroup regrouping/changing from the Home system   |                          |                |               |                                  |  |  |  |   |
| 33   | Respondents subscribers shall support both the Project 25 Over The Air Interface and the Motorola SmartZone Air Interface  |                          |                |               |                                  |  |  |  |   |

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|--|--|---|----------------|---------------|----------------------------------|--|--|--|---|
|  |  | Respondent Applicability                  |                |               | Respondent                       | Respondent                                   | WCCCA/C800                                     | Respondent   | Respondent  |
|  |  | Fully Comply                              | Partial Comply | Do Not Comply | Date of Compliance if applicable | Applicable Software/Hardware/System Revision | Requested Supporting Materials (if applicable) | Provided Supporting Material(s) Reference Location | Additional Clarification/Justification/Explanation/Comments |
|  |  | 10 points                                 | 5 points       | 0 points      |                                  |  |  |  |   |
| Item   | Respondent Requirements - Business Experience - Reference Systems  |   |                |               |                                  |  |  |  |   |
| 1  | Respondents shall provide a minimum of 5 domestic customer references for installed and operating systems consisting of physical RF sites that exceed 40 in total quantity   |   |                |               |                                  |  |  |  |   |
| 2  | Respondents shall provide a minimum of 5 customer references for installed and operating systems where an ISSI is utilized with Motorola ASTRO systems and "automatic roaming" has been activated and tested   |   |                |               |                                  |  |  |  |   |
| 3  | Respondents shall provide the number of customer-accepted and operational P25 TDMA (Phase II) systems currently utilizing Diversity reception in North America. Systems manufactured and installed by others shall not be considered as by respondent. |   |                |               |                                  |  |  |  |   |
| 4  | Respondents shall provide the number of customer-accepted and operational P25 FDMA (Phase I) systems currently utilizing Diversity reception in North America. Systems manufactured and installed by others shall not be considered as by respondent.  |   |                |               |                                  |  |  |  |   |



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## Washington County Consolidated Communications Agency

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**Re: Results of Qualifications-Based Procurement for P25 Based Land Mobile Communications Equipment**

**Date:** April 11, 2017

Mr. Rob Nelson

Strategic Projects  
Harris Corporation System Segment  
221 Jefferson Ridge Parkway  
Lynchburg, VA USA 24501  
Telephone - 1-858-342-8714  
Email – [Robert.nelson@harris.com](mailto:Robert.nelson@harris.com)

Thank you for responding to the request for qualifications ("RFQ") WCCCA and C800 issued relative to the above-described project. Phase 1 of the RFQ is now complete. As described in the RFQ and in WCCCA and C800's procurement rules, we will only proceed to Phase 2 (issuing a request for proposals to qualified firms) if we determine that two or more firms were qualified in accordance with the criteria in the RFQ.

As stated in the RFQ, a respondent must score a total of at least 300 points in order to be considered qualified. Based on the respondents' submissions and the criteria in the RFQ, our evaluation team arrived at the following results:

1. Motorola Solutions: 357.17 total points
2. Harris Corporation: 158.50 total points

Because only one firm (Motorola) is qualified in accordance with the RFQ's criteria, WCCCA and C800 will not issue an RFP and will proceed to negotiating a contract with Motorola.

An unqualified firm may protest WCCCA/C800's decision in accordance with WCCCA Rules of Procurement Section 30-135.9 within seven (7) days of the date of this notice.





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**Washington County Consolidated Communications Agency**

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WCCCA and C800 Group very much appreciate your participating in this process.

Sincerely,

A handwritten signature in red ink, appearing to read "Ron Po", followed by a horizontal line.

Technical Services Supervisor  
Washington County Consolidated Communications Agency  
Supporting WCCCA and C800 Communications Systems  
KJ7IY – Region 2 ORRC Director  
Desk – 503-690-4911 x266  
Mobile – 503-502-8506

SENT VIA FEDEX OVERNIGHT DELIVERY  
AND BY EMAIL TO: [Robert.nelson@harris.com](mailto:Robert.nelson@harris.com)





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## Washington County Consolidated Communications Agency

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**Re: Results of Qualifications-Based Procurement for P25 Based Land Mobile Communications Equipment**

**Date:** April 11, 2017

Mr. Larsen Grabenkort

Area Sales Manager  
4800 SW Meadows Road  
Suite 300  
Lake Oswego, Oregon 97035-5277  
Telephone - 971-227-2856  
Email – [larsen@motorolasolutions.com](mailto:larsen@motorolasolutions.com)

Thank you for responding to the request for qualifications ("RFQ") WCCCA and C800 issued relative to the above-described project. Phase 1 of the RFQ is now complete. As described in the RFQ and in WCCCA and C800's procurement rules, we will only proceed to Phase 2 (issuing a request for proposals to qualified firms) if we determine that two or more firms were qualified in accordance with the criteria in the RFQ.

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**Washington County Consolidated Communications Agency**

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WCCCA and C800 Group very much appreciate your participating in this process.

Sincerely,

A handwritten signature in red ink, appearing to read "Ron Larsen", with a long horizontal flourish extending to the right.

Technical Services Supervisor  
Washington County Consolidated Communications Agency  
Supporting WCCCA and C800 Communications Systems  
KJ7IY – Region 2 ORRC Director  
Desk – 503-690-4911 x266  
Mobile – 503-502-8506

SENT VIA FEDEX OVERNIGHT DELIVERY  
AND BY EMAIL TO: [larsen@motorolasolutions.com](mailto:larsen@motorolasolutions.com)