

CLACKAMAS C800 RADIO GROUP

BOARD OF DIRECTORS SPECIAL MEETING AGENDA

REVISED

June 10, 2015 / 10:30AM

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

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

1. Call the Board of Directors Meeting to Order - Chair Leslie Taylor
2. Roll Call of Partners:

a. City of Canby	g. City of West Linn	m. Sandy Fire District
b. City of Gladstone	h. Boring Fire District	n. Tualatin Valley Fire & Rescue
c. City of Lake Oswego	i. Canby Fire District	o. Clackamas County Sheriff
d. City of Molalla	j. Clackamas County Fire District #1	p. Clackamas County Health
e. City of Oregon City	k. Estacada Fire District	
f. City of Sandy	l. Molalla Fire District	
3. *Approval of Minutes of: April 22, 2015 Board Meeting
4. Public Comment
5. Communications
6. Financial Report- John Hartsock
7. Committee Reports
 - a. Technical - John Hartsock
8. Old Business: (* Action Item)
 - a. System Upgrade/Replacement - John Hartsock
 - i. * City of Milwaukie Police Joining C800 - Leslie Taylor
 - ii. Bond Process Schedule - John Hartsock
 - iii. Review Focus Group Research - Maggie McQueston / Ben Patinkin
 - iv. *Review and finalize scope of project - John Hartsock
 - v. Subscriber radio bulk purchase program - John Hartsock
9. New Business: (* Action Item)
 - a. *Approve purchase of SmartX controllers for Estacada / Sawtell sites - John Hartsock
 - b. **Next Board Meeting - July 8, 2015, 2015 10:30A @ CCOM**
10. Open Agenda
11. Adjournment

CLACKAMAS 800 RADIO GROUP

BOARD MEETING

Meeting Minutes of the January 21, 2015 Board Meeting

Meeting held at: CCOM Oregon City, OR

1. The C800 Board Meeting was called to order at 10:30am by Leslie Taylor
2. The following were in attendance:
 - City of Canby / Chief Bret Smith
 - City of Gladstone / Chief Stan Monte / Sgt. Lee Jundt
 - City of Lake Oswego / Leslie Taylor / Ops Chief Larry Goff
 - City of Molalla / Chief Rod Lucich
 - City of Oregon City / Chief Jim Band
 - Boring Fire Dist / Deputy Chief Ryan Hari
 - Canby Fire District / Chief Jim Davis
 - CCFD#1 / Deputy Chief Ryan Hari
 - Estacada Fire / Chief Bob Morrissey
 - Sandy Fire / Chief Phil Schneider
 - Clackamas Co Sheriff / Undersheriff Matt Ellington / Capt. James Rhodes
 - CCOM / Bob Cozzie / Cheryl Bledsoe / Mark Spross / Gerry Wiese
 - Day Wireless / Jamie Sanderson
 - WCCCA / Mike Fletcher / Ron Polluconi
 - Day Wireless / Jami Sanderson
 - John Hartsock - Staff
3. Approval of Minutes of: January 21, 2015 Board Meeting / March 18, 2015 Budget Committee Meeting / Board Work Session. A motion was made to approve the minutes as submitted by Jim Band and seconded by Ryan Hari and a unanimous vote was cast in favor.
4. Public Comment - None
5. Communications - None
6. Financial Report- John Hartsock reviewed the January 2015 / February 2015 financial reports in the packet and he handed out the March 2015 financial report (copy attached). John advised that there were no unusual matters to disclose and we were tracking on the Budget as amended at the March 18, 2015 Board Meeting.
7. Committee Reports
 - a. Technical - John Hartsock advised that the committee met on March 17, 2015 and discussed the back-up system at Lake Oswego / Timberline Coverage / Goat site issues / Estacada - Sawtell radio additions / system replacement planning. Due to schedule conflicts the Technical Committee meeting are being moved to the 4th Wednesday of the month 9:30a at CCOM.

8. Old Business:

- a. System Management: Ron Polluconi provided an update on system maintenance issues including the antenna upgrades to deal with PIM (passive intermodulation) issues. He noted that they are seeing better than expected improved performance with the new antenna's.

Ron advised that all preventative maintenance work is on schedule.

Further he outlined that planning work was underway on the two microwave upgrade projects now that the grant dollars were approved.

It was noted that due to a technician error at Mt Scott the back-up batteries were damaged beyond use. Temporary batteries were installed and a new batteries have been ordered for replacement. This cost will be borne by WCCCA.

- b. Radio Equipment Assignment -Mark Spross advised that there are complications with Oregon Emergency Management allowing the County to transfer ownership of grant funded radios to C800. It was determined not to pursue this issue any further as those radios can be surplused once the new system is installed. John advised that the lease assignments are 50% complete.
- c. Expansion of East County System - Estacada/Molalla - Ron Polluconi advised that we are working with Day Wireless to secure use of the Day Hill site in Estacada. Further that he has been able to incorporate the required microwave equipment as part of the overall microwave upgrade project. Ron noted that the timing looks like August for Day Hill and fall for Sawtell, due to the workload for the microwave upgrade.
- d. Regional Radio System Partnership - John Hartsock advised that no meetings are currently planned for the Board. The advisory committee did meet with a number of other trunked system users from around the state and the State Radio Project personnel to discuss how we implement the interoperability features through the ISSI (Inter Subsystem Interface) switch. Currently WCCCA/C800 has a link on this switch to the City of Portland system.
- e. System Upgrade / Replacement Options - John Hartsock reminded the Board Members to have discussions with their City Managers and/or Boards on the project to achieve Leslie's goal of all agencies in support by the end of May 2015. John will check in with the Board Members to assist in this effort. The talking points document has been forwarded to all partners.

Leslie and John had a positive meeting with West Linn PD and the City's CFO Richard Seals. Richard suggested looking at a longer time period for the bond repayment say 12 or 15 years vs. 10 as we have been looking at to lower the rate per \$1,000 of assessed valuation. Richard feels we need to be at 10¢ or less per \$1,000. John will obtain these revised numbers and they will be tested as a part of the research work.

Proposals have been received by two data research firms and two campaign advisors. The executive committee will review and provide direction. (Note: subsequent to the meeting the executive committee has recommended the

research firm of Patinkin Research Strategies and the campaign advisor of Mark Wiener. A kick off meeting has been set for May 4 to define a scope of work, strategy, and schedule.)

It was suggested that we work with the County at their next regular city manager meeting to review progress and answer questions on the project. Further it was suggested to assemble the CFO's of the partners to receive their input on the project. John will coordinate these efforts.

Two grant proposals were submitted for the 2015 Homeland Security Grant cycle. One was for the cell phone application option prepared by Leslie Taylor and Ron Polluconi and the other was for subscriber radios prepared by Dustin Morrow. Cheryl Bledsoe attended the RPDO grant approval meetings and reported that there was a fair amount of confusion on the issues but that she was able to provide some clarity. She noted that the Emergency Managers need to have a better understanding of the radio project and its needs. Unfortunately neither proposal received a funding recommendation however both will be included in the submission to the Feds to allow for future re-funding grant opportunities.

9. New Business:

- a. Leslie Taylor opened the public hearing on the FY2015/2016 budget and having no one wanting to testify she closed the hearing.
- b. John Hartsock presented the FY2015/2016 Budget as recommended by the Budget Committee with minor modifications. There was a question concerning the reduced approved amount of the grant for the microwave system upgrade. John advised that the proposed borrowing was adjusted to reflect this change. A motion was made by Bob Morrissey and seconded by Ryan Hari to approve the budget as submitted and a unanimous vote was cast in favor.
- c. John Hartsock presented a Board Action Request to purchase Cisco router and related switch replacement equipment for the microwave system upgrade and site security camera system in the amount of \$40,000. A copy of the Action Request is attached. A motion was made by Stan Monte to authorize the purchase and seconded by Ryan Hari. A unanimous vote was cast in favor.
- d. John Hartsock presented the audit engagement letter from Pauly, Rogers and Co. to perform the FY2014/2015 C800 fiscal audit per our contract (copy attached). There was consensus to approve the engagement letter.

John advised that this audit is the final one outlined in the contract with Pauly, Rogers and that CFD#1 plans on issuing an RFP for audit services in the fall of 2015 and including C800 as they did previously. There was consensus to follow this procurement strategy.

10. Executive Session - None

11. Open Agenda - None

12. Next Meeting - July 18, 2015 10:30A @ CCOM. Leslie noted that if there were issues or updates with the radio replacement project a special meeting may be called.

13. Meeting Adjourned

14. On May 19, 2015 the Board was provided an electronic Board Action Request recommending that the C800 Board of Directors authorize retaining Patinkin Research Strategies, LLC and Mark Wiener for public opinion research in the amount not to exceed of \$50,000. The Board approved the action, electronically, 14 yes, 1 no, and 1 abstained.

This action was conducted electronically due to the fact that the next regularly scheduled Board Meeting was not scheduled until July 8, 2015. The Board Executive Committee had reviewed proposals subsequent to the April 22, 2015 Board Meeting and felt it important to begin the research work as soon as possible. This research work will provide public input to the Board to assist them in finalizing the radio system replacement project.

Clackamas 800 Radio Group
Profit & Loss Budget vs. Actual
July 2014 through April 2015

	Jul '14 - Apr 15	Apr 15	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense					
Income					
405-00 · Members Contracts	44,400.00	0.00	45,200.00	-800.00	98.23%
410-00 · Partners Fees	849,600.00	-2400.00	838,400.00	11,200.00	101.34%
415-00 · Mobile Data Devices	3,740.00	0.00	3,740.00	0.00	100.0%
420-00 · Partners Debt Service	93,689.00	0.00	93,689.00	0.00	100.0%
431-00 · Interest Income	30.34	2.21	100.00	-69.66	30.34%
435-00 · Lease Revenue	114,831.67	4190.48	114,071.00	760.67	100.67%
437-00 · CC Title 3 Grant - Timber	116,663.67	0.00	116,664.00	-0.33	100.0%
440-00 · Miscellaneous Income	0.00	0.00	1,000.00	-1,000.00	0.0%
Total Income	1,222,954.68	1,792.69	1,212,864.00	10,090.68	100.83%
Expense					
605-00 · Site Rental	117,093.44	0.00	180,923.00	-63,829.56	64.72%
610-00 · Fuel/Generators	212.01	0.00	2,500.00	-2,287.99	8.48%
615-00 · HVAC Maintenance	700.00	0.00	4,500.00	-3,800.00	15.56%
620-00 · Landscape Maintenance	9,325.00	0.00	12,000.00	-2,675.00	77.71%
621-00 · Office Supplies	2,304.09	191.55	2,500.00	-195.91	92.16%
625-00 · Generator Maintenance	13,346.25	0.00	16,000.00	-2,653.75	83.41%
630-00 · UPS Maintenance	1,500.00	0.00	3,500.00	-2,000.00	42.86%
635-00 · Battery Maintenance	0.00	0.00	5,500.00	-5,500.00	0.0%
645-00 · Insurance	20,270.31	0.00	22,000.00	-1,729.69	92.14%
650-00 · Utilities	48,091.01	3907.06	50,000.00	-1,908.99	96.18%
655-00 · Consultant Services	10,000.00	1000.00	16,000.00	-6,000.00	62.5%
657-00 · Regional Radio Expense	0.00	0.00	1,500.00	-1,500.00	0.0%
660-00 · WCCCA System Fees	360,081.00	0.00	490,600.00	-130,519.00	73.4%
665-00 · Radio Maintenance Fees	55,442.77	1756.12	69,000.00	-13,557.23	80.35%
667-00 · Radio Replacement Project	25,601.03	0.00	50,000.00	-24,398.97	51.2%
670-00 · Legal Services	840.00	80.00	2,500.00	-1,660.00	33.6%
675-00 · Financial Services	2,569.85	0.00	6,000.00	-3,430.15	42.83%
680-00 · Audit Fees	6,325.00	0.00	7,000.00	-675.00	90.36%
683-00 · Capital Reserve	7,797.94	7797.94	100,000.00	-92,202.06	7.8%
685-00 · Miscellaneous Expenses	1,721.27	0.00	3,000.00	-1,278.73	57.38%
703-00 · Capital Outlay	410,790.04	0.00	425,000.00	-14,209.96	96.66%
795-00 · Debt Service	93,688.22	0.00	94,000.00	-311.78	99.67%
Total Expense	1,187,699.23	14,732.67	1,564,023.00	-376,323.77	75.94%
Net Ordinary Income	35,255.45				
Net Income	35,255.45				

05/13/15

Clackamas 800 Radio Group

Monthly Detail

April 2015

Date	Name	Memo	Amount
410-00 · Partners Fees			
04/20/2015	City of Gladstone - Fire		-2,400.00
Total 410-00 · Partners Fees			-2,400.00
431-00 · Interest Income			
04/30/2015		Interest	2.21
Total 431-00 · Interest Income			2.21
435-00 · Lease Revenue			
04/03/2015	ODOT	Deposit	3,930.48
04/24/2015		FBI	260.00
Total 435-00 · Lease Revenue			4,190.48
621-00 · Office Supplies			
04/30/2015	Hartsock Project Mgmt.	Accuconference Jan/Feb	-22.93
04/30/2015	Hartsock Project Mgmt.	FedEx/Kinko Meeting Handout	-117.59
04/30/2015	Hartsock Project Mgmt.	FedEx/Kinco supplies	-5.97
04/30/2015	Hartsock Project Mgmt.	Fed/Ed/Kinki Radio Project Handout	-45.06
Total 621-00 · Office Supplies			-191.55
650-00 · Utilities			
04/01/2015	Verizon Wireless	Brightwood: April 2015	-380.03
04/02/2015	PGE	Acct# 0010 86641-40878 9	-427.68
04/07/2015	PGE	Acct #000465089-41838 8	-459.73
04/07/2015	PGE	Acct. #0007 67970 42013 8	-457.94
04/16/2015	PGE	Acct. #0006 96652-40786-7	-350.66
04/17/2015	PGE	Acct# 0010 86641-834105 7	-493.29
04/17/2015	PGE	Acct#0010 86641-938893 3	-451.13
04/17/2015	PGE	Acct. #0010 56224-766859 9	-356.53
04/23/2015	PGE	Acct# 0009-61656-42016 1	-530.07
Total 650-00 · Utilities			-3,907.06
655-00 · Consultant Services			
04/30/2015	Hartsock Project Mgmt.	March 2015	-1,000.00
Total 655-00 · Consultant Services			-1,000.00
665-00 · Radio Maintenance Fees			
04/23/2015	WCCCA	Hard Drive/Power Supply	-121.00
04/23/2015	WCCCA	Programming	-130.00
04/30/2015	Day Wireless Systems	Annual Lighting Inspection	-1,505.12
Total 665-00 · Radio Maintenance Fees			-1,756.12
670-00 · Legal Services			
04/30/2015	Eakins, Eileen	Legal Services	-80.00
Total 670-00 · Legal Services			-80.00
683-00 · Capital Reserve			
04/15/2015	RCF Systems Consulting	Replace Vicon DVR Units	-7,797.94
Total 683-00 · Capital Reserve			-7,797.94
TOTAL			-12,939.98

5:55 PM
05/13/15
Accrual Basis

Clackamas 800 Radio Group

Trial Balance

As of April 30, 2015

	Apr 30, 15	
	Debit	Credit
115-00 · Cash/Checking Account	486,261.84	
11000 · Accounts Receivable	59,228.00	
120-00 · Member Fees Receivable	0.00	
12000 · Undeposited Funds	27,080.00	
150-00 · Prepaid Expenses	120,027.00	
160-00 · Buildings and Towers	9,376,461.20	
165-00 · Radio Backbone	2,520,898.80	
166-00 · Equipment	382,723.00	
167-00 · Work In Progress	732,371.00	
175-00 · Accumulated Depreciation		4,736,157.79
201-00 · Accounts Payable		8,487.67
210-00 · Reimb due Clackamas County	0.00	
300-00 · Fund Balance	0.00	
310-00 · Investment in Fixed Assets		8,276,296.21
320-00 · Retained Earnings, Prior		648,853.72
405-00 · Members Contracts		44,400.00
410-00 · Partners Fees		849,600.00
415-00 · Mobile Data Devices		3,740.00
420-00 · Partners Debt Service		93,689.00
431-00 · Interest Income		30.34
435-00 · Lease Revenue		114,831.67
437-00 · CC Title 3 Grant - Timber		116,663.67
605-00 · Site Rental	117,093.44	
610-00 · Fuel/Generators	212.01	
615-00 · HVAC Maintenance	700.00	
620-00 · Landscape Maintenance	9,325.00	
621-00 · Office Supplies	2,304.09	
625-00 · Generator Maintenance	13,346.25	
630-00 · UPS Maintenance	1,500.00	
645-00 · Insurance	20,270.31	
650-00 · Utilities	48,091.01	
655-00 · Consultant Services	10,000.00	
660-00 · WCCCA System Fees	360,081.00	
665-00 · Radio Maintenance Fees	55,442.77	
667-00 · Radio Replacement Project	25,601.03	
670-00 · Legal Services	840.00	
675-00 · Financial Services	2,569.85	
680-00 · Audit Fees	6,325.00	
683-00 · Capital Reserve	7,797.94	
685-00 · Miscellaneous Expenses	1,721.27	
703-00 · Capital Outlay	410,790.04	
795-00 · Debt Service	93,688.22	
TOTAL	14,892,750.07	14,892,750.07

5:56 PM

05/13/15

Clackamas 800 Radio Group
A/R Aging Detail
As of May 13, 2015

Type	Date	Num	Name	Due Date	Aging	Open Balance
Current						
Total Current						
1 - 30						
Total 1 - 30						
31 - 60						
Total 31 - 60						
61 - 90						
Total 61 - 90						
> 90						
Invoice	09/16/2013	23	Clackamas County - Code Compliance	09/16/2013	604	1,520.00
Invoice	11/11/2014	14-001	American Medical Response	11/11/2014	183	26,021.00
Total > 90						27,541.00
TOTAL						27,541.00

Clackamas 800 Radio Group

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

Board of Directors Action Request

To: C800 Board of Directors
From: John Hartsock, Manager
Date: June 10, 2015
Re: Approval to Purchase SmartX Boxes for Estacada and Sawtell Radio Sites.

REQUEST: It is hereby requested that the C800 Board of Directors authorize purchasing 2 Motorola Smart X boxes to facilitate the Estacada and Sawtell radio sites in the amount of \$51,678.50.

ISSUE: As a part of the ongoing system upgrades it has been determined that radio coverage needs to be enhanced in Estacada and Molalla to resolve operational issues in those areas for various agencies. WCCCA staff has obtained virtually all of the required radio equipment (10 base station radios and related accessories) for little or no cost from various sources.

One item that we cannot obtain on the used market is the SmartX box from Motorola that connects the sites to the Zone Controller or Master Site at WCCCA. One box is required for each site.

Attached is the proposal from Motorola for these two boxes. The pricing provided is based on an open WSCA contract which was competitively procured.

FINANCE: The cost of purchasing this equipment is contained in the Capital Improvement Fund.

LEGAL: The standard C800 purchase order will be utilized.

RECOMMENDATION: It is recommended that the C800 Board of Directors authorize purchasing 2 Motorola Smart X boxes to facilitate the Estacada and Sawtell radio sites in the amount of \$51,678.50.



MOTOROLA SOLUTIONS

Motorola Solutions, Inc.
1303 E. Algonquin Rd.
Schaumburg, IL 60196
USA

Tel. +1 847 576 5000
Fax +1 847 538 6020

14 May 2015

Mr John Hartsock
Clackamas 800 Radio Group (C800)
11300 SE Fuller Rd
Milwaukie, OR 97222

Subject: SmartX Site-Adds

Dear Mr Hartsock

Motorola Solutions, Inc. ("Motorola") is pleased to have the opportunity to provide Clackamas 800 Radio Group with quality communications equipment and services. The Motorola project team has taken great care to propose a solution that will meet your needs and provide unsurpassed value. To best meet the functional and operational specifications of this solicitation, Motorola's solution includes a combination of hardware, software, and services. Specifically, this solution is to add 2 Smart X Sites and provides:

- 2 SmartX converters and 2 GGM800 Site Routers
- Services to add 2 sites to the existing WCCCA/C800 Radio Network

This proposal and the pricing are based on the terms and conditions of the WSCA Contract No. 02702 (the "WSCA Contract"). You may accept Motorola's proposal by issuing a purchase order that (i) refers to and incorporates by reference this proposal, and (ii) identifies the order as a WSCA Contract No. 02702 transaction.

This proposal consists of this cover letter together with its Exhibits. This proposal shall remain valid for a period of 60 days from the date of this cover letter. Motorola would be pleased to address any concerns C800 may have regarding the proposal. Any questions can be directed to your Motorola Account Executive, Andrew Chyterbok at 360-409-3223.

We thank you for the opportunity to furnish Clackamas 800 Radio Group with "best in class" solutions and we hope to strengthen our relationship by implementing this project. Our goal is to provide you with the best products and services available in the communications industry.

Sincerely,

Motorola Solutions, Inc.

Larsen Grabenkort
Motorola Solutions Area Sales Manager

SOLUTION OVERVIEW

1.1 OVERVIEW

Motorola is pleased to propose the following solution to C800. This proposal provides two (2) 3600 SmartX site converters and two (2) GGM8000 Site Routers to support the addition of two (2) new SmartX Intellirepeater sites (IR) to the WCCCA/C800 7.13 system. This equipment allows C800 and WCCCA (Washington County Consolidated Communications Agency) to provide additional analog trunked coverage in the Estacada and Molalla service areas.

The two (2) new 3600 SmartX IR sites will be connected directly into the ASTRO 25 IP core network through the deployment of the SmartX converters located at the Washington County master site. It is based on the Voice Processor Module hardware platform, and enables the continued use of subscriber radios and sites with a 3600 control channel.

The following equipment is included in this proposal:

- Quantity 2 SmartX 3600 Site Licenses
- Quantity 2 SmartX Site Converters
- Quantity 2 SmartX Voice Processing Modules
- Quantity 2 GGM8000 Site Routers (48VDC)

The remaining equipment required for the two new IR sites will be provided by C800/WCCCA.

Once the sites have been configured and optimized by C800/WCCCA, Motorola will add the two sites to the Master Site using TNCT and perform a SmartX site Acceptance Test (ATP) in the “Lab” at the radio shop. Motorola’s responsibility demarcation is at the connection of the SmartX converter. C800/WCCCA is responsible for the connection out of the SmartX converter to the IR site. No remote site equipment setup, optimization or troubleshooting is included in this proposal.

1.2 DESIGN BASIS

Motorola has made several assumptions in preparing this quote, which are noted below. Should any of these assumptions be deemed unacceptable by C800, Motorola reserves the right to amend the scope, schedule, and cost of the proposal.

- The C800/WCCCA provided Quantars must be at the “Z” release or later
- The Channel Banks will be provided by C800/WCCCA
- C800/WCCCA is providing the required 19” equipment rack space
- C800/WCCCA is providing the required AC and DC Power
- C800/WCCCA is providing the T-1 links for both sites (B8ZS, ESF)
- C800/WCCCA will verify that there are Ports available to add the new IR sites at the Master Site

1.3 DRAWINGS

Please see System Block Diagram and Master Site Equipment Interconnect Diagram on the following pages.

EQUIPMENT LIST

This section lists the equipment necessary for the proposed solution.

Dept	Site	Item	Qty	Nomenclature	Description
Mstr Site	Day Hill	1	1	SQM01SUM0239	MASTER SITE CONFIG UPGRADE
Mstr Site	Day Hill	1a	1	CA00996AK	NM/ZC LICENSE KEY 7.13
Mstr Site	Day Hill	1b	1	CA00997AK	UCS LICENSE KEY 7.13
Mstr Site	Day Hill	1c	1	CA01316AA	ADD: UNC ADDTL DEVICE LIC (QTY 10)
Mstr Site	Day Hill / Sawtel	1d	2	CA01404AA	SMARTX 3600 SITE LICENSE
RF Site	Day Hill	2	1	T7599	SMARTX SITE CONVERTER
RF Site	Day Hill	2a	1	CA00140AA	ADD: AC LINE CORD, NORTH AMERICAN
RF Site	Day Hill	2b	1	CA01401AA	ADD: SMARTX SITE CONVERTER SOFTWARE
RF Site	Day Hill	3	1	BLN1297	VPM POWER SUPPLY MOUNTING KIT
RF Site	Day Hill	4	1	CVN1230	SMARTX SOFTWARE
RF Site	Day Hill	5	1	SQM01SUM0205	GGM 8000 GATEWAY
RF Site	Day Hill	5a	1	CA01619AA	ADD: DC POWER
RF Site	Sawtel	6	1	T7599	SMARTX SITE CONVERTER
RF Site	Sawtel	6a	1	CA00140AA	ADD: AC LINE CORD, NORTH AMERICAN
RF Site	Sawtel	6b	1	CA01401AA	ADD: SMARTX SITE CONVERTER SOFTWARE
RF Site	Sawtel	7	1	BLN1297	VPM POWER SUPPLY MOUNTING KIT
RF Site	Sawtel	8	1	CVN1230	SMARTX SOFTWARE
RF Site	Sawtel	9	1	SQM01SUM0205	GGM 8000 GATEWAY
RF Site	Sawtel	9a	1	CA01619AA	ADD: DC POWER



STATEMENT OF WORK

This section delineates the general responsibilities between Motorola and C800 as agreed to by contract.

4.1 MOTOROLA RESPONSIBILITIES

Motorola's general responsibilities include the following:

- Conduct project kickoff /Design Review meeting with C800/WCCCA to review project description and finalize requirements.
- Schedule the ST services Motorola is providing in agreement with C800/WCCCA.
- Install and configure the new SmartX boxes and routers at the Master Site.
- Test the new SmartX boxes and routers with at least one (1) C800/WCCCA provided, functioning ASR site staged at the Master Site. It would be ideal to have both sites functional and available at the Master Site. Frequency licenses do not have to be in place for this testing.
- Provide updated System Block Diagram, updated Master Site Equipment Interconnect Diagram, and a new cable matrix.

4.2 C800 RESPONSIBILITIES

C800 will assume responsibility for the installation and performance of all other equipment and work necessary for completion of this project that is not provided by Motorola. C800's general responsibilities include the following:

- Provide a dedicated delivery point, such as a warehouse, for receipt, inventory, and storage of SmartX boxes and routers prior to implementation at the Master Site.
- Ensure communications site meet space, grounding, power, HVAC, and connectivity requirements for the installation of all equipment.
- Provide at least one (ideally both) functioning IR site, staged at the Master Site prior to the start of the Smart-X box field staging.
- Support the implementation and testing process of the new SmartX boxes and routers with the C800-provided IR site(s).
- Implement the additional IR sites at their new physical remote sites, and provide connectivity back to the Master Site.
- Interface the sites to the new SmartX boxes (demarcation point is the T1 port on the back of the SmartX boxes).
- Obtain frequencies, as required.



4.3 ASSUMPTIONS

Motorola has made several assumptions in preparing this proposal, which are noted below. Motorola will need to verify all assumptions or seek alternate solutions in the case of invalid assumptions. Alternate solutions required may impact the work effort and/or schedule constituting a change order.

- The Master Site has adequate space, HVAC, electrical power in the proper phase and voltage, and site grounding to support the requirements of the new SmartX boxes and routers.
- Approved FCC licensing provided by the Customer.
- Any required system interconnections not specifically outlined here will be provided by the Customer. These may include dedicated phone circuits, microwave links or other types of connectivity.
- No coverage guarantee is included in this proposal.
- Motorola is not responsible for interference caused or received by the Motorola provided equipment except for interference that is directly caused by the Motorola provided transmitter(s) to the Motorola provided receiver(s). Should the Customer's system experience interference, Motorola can be contracted to investigate the source and recommend solutions to mitigate the issue.
- No training is required.
- Work is performed during normal business hours, non-holidays, Monday – Friday, 8am – 5pm.

4.4 PROJECT SCHEDULE

Motorola's SmartX and router additions schedule will take approximately 3 months, including the following:

1. Contract Execution
2. Kick-off / Design Review Meeting
3. Equipment Order Processing & Manufacturing
4. Ship Equipment to C800 or WCCCA
5. Stage at least one (ideally both) C800-provided, functional IR site at the Master Site (C800 responsibility)
6. Install and Configure Motorola-provided Equipment
7. Configure Master Site
8. Test Motorola-provided Equipment
9. Provide Cable Matrix and final System Block Diagram and Master Site Equipment Interconnect Diagram
10. Final Acceptance

4.5 WARRANTY

The new SmartX equipment supplied by Motorola under this proposal will have a one year product warranty from the manufacturer. Maintenance Services for the Master Site will also be extended to this equipment (Technical Support and Infrastructure Repair).



PRICING

5.1 PRICING SUMMARY

Motorola is pleased to provide the following equipment and services to C800:

Description	Sale Price
SmartX Site-Adds for Day Hill and Sawtel Fire Station	
Equipment	\$32,812.50
Services	\$18,866.00
Total:	\$51,678.50

5.2 PAYMENT TERMS

Except for a payment that is due on the Effective Date, Customer will make payments to Motorola within thirty (30) days after the date of each invoice. Customer will make payments when due in the form of a check, cashier's check, or wire transfer drawn on a U.S. financial institution and in accordance with the following milestones:

1. 50% of the Contract Price upon delivery of equipment
2. 50% of the Contract Price upon Final Acceptance

Overdue invoices will bear simple interest at the rate of ten percent (10%) per annum, unless such rate exceeds the maximum allowed by law, in which case it will be reduced to the maximum allowable rate. Motorola reserves the right to make partial shipments of equipment and to request payment upon shipment of such equipment. In addition, Motorola reserves the right to invoice for installations or civil work completed on a site-by-site basis, when applicable.

