



STATE OF MISSISSIPPI
WIRELESS COMMUNICATION COMMISSION

November 5, 2020

Randall Tucker, Sheriff
Madison County Sheriff's Office
2941 US-51
Canton, MS 39046

Re: Procurement request to purchase 117 APX6000 portable radios, 90 APX4500 mobile radios, programming and installation for \$778,257.25

Sheriff Tucker:

The Mississippi Wireless Communication Commission, at its November 5, 2020 meeting, voted to approve Madison County's Sheriff's Office procurement request as recommended by the Procurement Review Committee. The Commission's approval includes 117 APX6000 portable radios, 90 APX4500 mobile radios, programming and installation. The total amount approved was \$778,257.25

Please retain this letter for your files as your authorization to proceed with the purchase as outlined in your procurement request following all applicable public purchasing laws.

If you have any questions, please contact the Mississippi Wireless Communication Procurement Review Committee.

Sincerely,

Donald W. Loper

Donald Loper, Chairman
MSWCC Procurement Review Committee

WCC Action: Approved Date: 11/5/2020

Wireless Communications Request
 % Ms. Karana Carroll,
 MS Wireless Communication Commission
 412 East Woodrow Wilson Ave, Mail Stop 6601
 Jackson, Mississippi 39216
 Phone: 601-359-5123; Fax: 601-359-5362
kcarroll@wcc.ms.gov



Mississippi Wireless Communication Commission

Procurement Request

Rec'd 8.5.2020

Project Title: Madison County SO MSWIN Subscribers		KC		
Contact Information				
Governing Authority: Madison County Sheriff's Office Address: 2941 US-51, Canton, MS 39046		Contact Person: Scott McDonald Phone: Fax: Email Address		
Project Summary				
Project Type: New System <input type="checkbox"/> Upgrade/Enhancement to Existing System <input type="checkbox"/> System Expansion: <input checked="" type="checkbox"/> Maintenance <input type="checkbox"/>				
Narrative Description of Current System and Proposed Project including a time line for implementation (Attach additional sheets if needed.) Current system is VHF, we are requesting approval of the purchase of MSWIN capable radios to join the MSWIN system; timeline would begin immediately upon WCC approval				
Discuss Funding (Total project budget; source of funds, i.e., Homeland Security, local revenue, grants, other state or federal funding) Budgeted funds				
Acquisition Details (Attach additional sheets as needed)				
Items Requested:				
Item	Quantity	Description	Manufacturer	Purchase Cost
Portable Radios	117	Motorola APX 6000	Motorola	\$ 450,539.75
Mobile Radios	90	Motorola APX 4500	Motorola	\$ 304,344.50
Services		Programming & Install	Motorola	\$ 23,373
				\$
				\$
TOTAL				\$ 778,257.25
Acquisition Method: Competitive bid by requesting entity: _____ 2-Way Radio EPL: _____ Quotes: _____ Existing Contract by requesting entity: _____ MSWIN Motorola 3429: <input checked="" type="checkbox"/> Other: _____ If "other," specify method				
Critical Factor(s): What is driving this acquisition at this time? Desire to join MSWIN and utilize the new Canton tower				

Ramona Tucker Sheriff
 Name (Presiding Officer) / Title

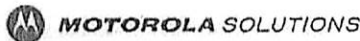
R. Carroll 8/10/2020
 Signature Date

- Please Attach:**
- > Official Board Order or Certified Copy of Minutes authorizing this project
 - > For radio acquisitions, answers to *General Analysis Questions: Government Radio Acquisitions*
 - > All Vendor price quotes

**Mississippi Statewide Wireless Information Network (MSWIN)
General Analysis Questions: Government Radio Acquisitions**

(Note: Requestor should coordinate with ITS, the WCC, and/or the incumbent vendor, as required, to thoroughly and accurately answer each of the questions listed)

1. What is needed/being requested? Portable and Mobile radios to join MSWIN
2. What is the impact of the proposed project on the state MSWIN system? Additional users in the Madison County area
3. What is the potential impact of the state MSWIN system on the local project(s)? The ability to use P25 radios and interoperate with surrounding agencies
4. How can shared facilities (equipment and infrastructure) be leveraged to benefit one or both projects? The MSWIN towers in and around Madison County will be used
5. How does the proposed technology mesh with the state's technical implementation? Full integration with the State's implementation using P25 Phase II radios
6. Describe where the differing technologies fit on the technology roadmap. Is there a defined migration path from the older to the more recent technology solution? The older radios will be handed in (portables) or replaced in the vehicles (mobiles)
7. Are the equipment purchase prices consistent with or better than the state contract prices and discounts? Yes, the purchase price is at or below MSWIN 3429 contract pricing
8. What level of interoperability with MSWIN and other local systems will this implementation achieve? The highest level of interoperability, due to the use of P25 Phase II compliant radios



Karl Arndt
Account Executive
karl.arndt@motorolasolutions.com

Prepared for:	Scott McDonald	Date:	8/6/2020
Company:	Madison SO	Quote#:	MCSOB620r2
Contact:			MSWIN 3429 Contract Pricing

Qty	Model	Description	Unit List	Ext List	Unit MSWIN 3429	MSWIN3429 Total
117	H98UCF9PWGBN	APX 6000 700/800 Model 2.5 Portable	\$3,026.00	\$354,042.00	\$3,271.00	\$382,707.00
117	H3B	ADD: SMARTZONE Operation	\$1,200.00	\$140,400.00		
117	Q361	ADD: P25 9600 BAUD TRUNKING	\$300.00	\$35,100.00		
117	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$515.00	\$60,255.00		
117	QA00580	ADD: TDMA OPERATION	\$450.00	\$52,650.00		
117	G996	ADD: PROGRAMMING OVER P25	\$100.00	\$11,700.00		
117	H43	ENH: RADIO TRACE/REMOTE MONITOR	\$75.00	\$8,775.00		
117	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$5.00	\$585.00		
117	Q58	ADD: 3Y ESSENTIAL SERVICE	\$115.00	\$13,455.00		
117	PMMN4069A	IMPRES RSM, 3.5MM AUDIO JACK	\$133.00	\$15,561.00		
117	Q629	ENH: AES ENCRYPTION	\$475.00	\$55,575.00	\$403.75	\$47,238.75
117	H869	ENH: MULTIKEY	\$330.00	\$38,610.00	\$280.50	\$32,818.50
117	NNTN8860A	CHARGER, SINGLE UNIT, IMPRES 2	\$165.00	\$19,305.00	\$140.25	\$16,409.25
117	DISC	PROMOTIONAL DISCOUNT			(\$250.00)	(\$29,250.00)
25	NAR6595A	ANT 1/4 WAVE 7/800 STUBBY	\$29.00	\$725.00	\$24.65	\$616.25
76	M22URS9PW1BN	APX 4500 7/800MHz	\$1,714.00	\$130,264.00	\$2,929.00	\$222,604.00
76	G66	ADD: DASH MOUNT 02 WVM	\$125.00	\$9,500.00		
76	G414	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00		
76	GA00804	ADD: APX 02 CONTROL HEAD	\$492.00	\$37,392.00		
76	G174	ADD: ANT 3DB LOW-PROFILE 762-870	\$43.00	\$3,268.00		
76	QA02756	ADD: 3600 OR 9600 TRUNKING BAUD SINGLE SYSTEM	\$1,570.00	\$119,320.00		
76	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$7,600.00		
76	G170	ENH: TRUNKED RADIO TRACE/REMOTE	\$75.00	\$5,700.00		
76	GA00580	ADD: TDMA OPERATION	\$450.00	\$34,200.00		
76	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00		
76	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$5.00	\$380.00		
76	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$5,472.00		
76	G142	ADD: NO SPEAKER SYSTEM	\$0.00	\$0.00		
76	G24	ADD: 3Y ESSENTIAL SERVICE	\$138.00	\$10,488.00		
76	G843	ADD: AES ENCRYPTION APX	\$475.00	\$36,100.00	\$403.75	\$30,685.00
76	W969	ADD: MULTIPLE KEY ENCRYPTION OPERATION	\$330.00	\$25,080.00	\$280.50	\$21,318.00
76	DISC	PROMOTIONAL DISCOUNT			(\$250.00)	(\$19,000.00)

14	M22URS9PW1BN	APX 4500 7/800MHz	\$1,714.00	\$23,986.00	\$9,047.00	\$42,658.00
14	G67	ADD: REMOTE MOUNT 02 WWM	\$297.00	\$4,158.00		
14	G444	ADD: APX CONTROL HEAD SOFTWARE	\$0.00	\$0.00		
14	GA00804	ADD: APX 02 CONTROL HEAD	\$492.00	\$6,888.00		
14	G174	ADD: ANT 3DB LOW-PROFILE 762-870	\$43.00	\$602.00		
14	QA02756	ADD: 3600 OR 9600 TRUNKING BALD SINGLE SYSTEM	\$1,570.00	\$21,580.00		
14	G996	ENH: OVER THE AIR PROVISIONING	\$100.00	\$1,400.00		
14	G170	ENH: TRUNKED RADIO TRACE/REMOTE	\$75.00	\$1,050.00		
14	GA00580	ADD: TDMA OPERATION	\$450.00	\$6,300.00		
14	GAD1608AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	\$0.00	\$0.00		
14	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$5.00	\$70.00		
14	W22	ADD: STD PALM MICROPHONE APX	\$72.00	\$1,008.00		
14	G142	ADD: NO SPEAKER SYSTEM	\$0.00	\$0.00		
14	G24	ADD: 3V ESSENTIAL SERVICE	\$138.00	\$1,932.00		
14	G843	ADD: AES ENCRYPTION APX	\$475.00	\$6,650.00	\$403.75	\$5,652.50
14	W969	ADD: MULTIPLE KEY ENCRYPTION OPERATION	\$320.00	\$4,620.00	\$280.50	\$3,977.00
14	DISC	PROMOTIONAL DISCOUNT			(\$250.00)	(\$3,500.00)
207	SVC	Programming			\$39.00	\$8,073.00
90	SVC	Mobile Installation			\$170.00	\$15,300.00

Equip Total @ MSWIN3429 Pricing \$ 778,257.25