



police department

Brian Myers
Chief of Police
Ridgeland Police Department
115 W School St.
Ridgeland, MS 39157
601-853-7966
Brian.Myers@ridgelandms.org
5/14/2025

To:
Albert Jones
Emergency Management Director

Subject: Request for Funding – Microwave Link Upgrade Between Lake Cavalier and Richmond Grove Sites

I am writing to formally request funding in the amount of \$168,407.50 from the E911 fund for the critical upgrade of microwave antennas and modems linking the MSWIN Lake Cavalier site to the Richmond Grove site in Madison County.

This portion of the MSWIN radio system is essential for providing reliable radio coverage to the southern end of Madison County for all users of the Mississippi Wireless Information Network (MSWIN). The current microwave equipment serving this link has reached its end of life, making this upgrade vital to maintaining uninterrupted, mission-critical communications capabilities for our first responders and public safety personnel.

The requested funding will cover the replacement of outdated microwave antennas and associated modems, ensuring compliance with current technology standards and enhancing system reliability and performance. This project is essential to the continued support of emergency communications operations in our jurisdiction.

We appreciate your ongoing support of our efforts to maintain and improve the public safety communication infrastructure. Please let us know if any additional information or documentation is required to process this request.

Thank you for your consideration.

Sincerely,

Brian Myers
Chief of Police
Ridgeland Police Department

10/10/2023



**MOTOROLA
SOLUTIONS**

End User: Ridgeland, City of
115 W School St
Ridgeland, MS 39157
1000288317

Quote Submitted by:
Ryan Bozman
(615) 499-2725
ryan.bozman@motorolasolutions.com

Quote Description:
Microwave Backhaul Installation & MSWIN Integration from Ridgeland
PD to Lake Cavalier & Site 57

Quote is Valid for 90 Days from date listed above.
Pricing in accordance with MS State Contract 3425 Section G.
subsystem system integration services - Net 45

LINE ITEM	QTY	DESCRIPTION	PRICE	MS 3429 Price
1		Cielo Equipment, Labor, & Support - Ridgeland PD to Lake Cavalier	\$ 76,309.72	\$ 68,878.75
2		Tower Work - Ridgeland PD to Lake Cavalier	\$ 11,805.56	\$ 10,825.00
3		Jackson Communications On-Site Support & Labor - Ridgeland PD to Lake Cavalier	\$ 5,555.56	\$ 5,000.00
4		Cable Pairs & Equipment - Ridgeland PD to Lake Cavalier	\$ 2,250.00	\$ 2,125.00
5		Motorola Engineering, Support, & Integration - Ridgeland PD to Lake Cavalier	\$ 1,000.00	\$ 900.00
6		Cielo Equipment, Labor, & Support - Ridge and PD to Site 57	\$ 67,754.17	\$ 60,978.75
7		Tower Work - Ridgeland PD to Site 57	\$ 7,056.89	\$ 6,475.00
8		Jackson Communications On-Site Support & Labor - Ridge and PD to Site 57	\$ 5,555.56	\$ 5,000.00
9		Cable Pairs & Equipment - Ridge and PD to Site 57	\$ 1,150.00	\$ 1,025.00
10		Motorola Engineering, Support, & Integration - Ridge and PD to Site 57	\$ 2,000.00	\$ 1,800.00
SUBTOTAL				157,111.50
MS 3429 Discount				18,711.96
TOTAL				138,399.54

Customer Responsibilities

1	
2	
3	
4	

Quote Accepted By:

Date:



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MS Wireless Communication Commission

412 E Woodrow Wilson Avenue Mall Stop 66-01
Jackson, MS 39216

MSWIN Analysis Questions: Government Radio Acquisitions

(Note: Requestor should coordinate with ITA, 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?

Replacement Cielo Microwave modules

2. What is the impact of the local project on the MSWINS project?

No impact on MSWINS operations, outside of dependable/repairable equipment for our agency's radio operations.

3. What is the potential impact of the state MSWINS project on the local project(s)?

This connectivity will only improve the City's ability to operate more efficiently on the MSWIN system and allow for better interoperability with adjacent counties already utilizing this technology.

4. How can shared facilities (equipment and infrastructure) be leveraged to benefit one or both projects?

The integrated dispatch solution will allow the City of Ridgeland's local first responders to have better communications with all internal agencies as well as State and other local surrounding users on the MSWIN system.

5. How does the proposed technology mesh with the state's technical implementation?

The replacement equipment uses the same proven technology currently in use and compatible with future growth and functionality.

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 equipment utilizes the same technology currently in-use

7. Are the equipment purchase prices consistent with or better than the state contract prices and discounts?

Yes, the equipment quoted mirrors, or is below the State Contract prices.

8. What level of interoperability with the state and other local systems will this implementation achieve?

The replacement equipment will improve dependability for our agency, or any others that utilize our towers and the MSWINS system.

WCC Action: _____ Date: _____



MS Wireless Communication Commission

Wireless Communications Request
% Karana Carroll
412 East Woodrow Wilson Ave, Mail Stop 6601
Jackson, Mississippi 39216
Phone: 601-359-5333; Fax: 601-359-5362
kcarroll@wcc.ms.gov

Procurement Request

RECEIVED
OCT 23 2013
BY: *MD*

Project Title: Ridgeland Police Department Radio Microwave upgrade

Contact Information

Governing Authority: City of Ridgeland Police Dept

Address: 115W School St
Ridgeland, MS 39157

Department: Emergency Management

Contact Person: Craig Cotton

Phone: 601-856-2014

Fax: 601-607-3561

Email Address: ccraig.cotton@ridgelandms.org

Project Summary

Project Type: New System ☐ Upgrade/Enhancement to Existing System ☒ System Expansion ☐ Maintenance ☐

Narrative Description of Current System and Proposed Project including a time line for implementation (Attach additional sheets if needed.)
The City of Ridgeland is needing to replace and upgrade the Cielo Radio Microwave devices utilized by the two-way radio communication system of the City of Ridgeland Police Department. The current equipment is being retired from service and will no longer be supported by the manufacturer.

Discuss Funding (Total project budget; source of funds, i.e., Homeland Security, local revenue, grants, other state or federal funding)
Funding is from City's general budget and will be fully compensated by the Madison County Emergency Management Agency.

Acquisition Details (Attach additional sheets as needed)

Items Requested:	Quantity	Description	Manufacturer	Purchase Cost
See Attached		Installation of Radio Microwave units		\$ 168,407.50
				\$
				\$
				\$
				\$
				\$ 168,407.50

TOTAL

Acquisition Method: Competitive bid by requesting entity: ☐ 2-Way Radio EPL: ☐ Quotes: ☐

Existing Contract by requesting entity: ☐ MSWIN Motorola 3429: ☒ Other: ☐

If "other," specify method:

Critical Factor(s): What is driving this acquisition at this time? Replacement Parts for the Cielo Microwave Units are no longer manufactured. Circuit Boards and other components in short supply.

Brian Myers Chief of Police
Name (Presiding Officer) / Title

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

Revised: 06/22/2013

Requisition Number 00033440

Packet 16234-POLICE

New

Approval / Rejection

M P F D H * A

Item Distribution Misc. Approval Comments / Notes

Vendor Set 01-CITY OF RIDGELAND
 Vendor 03639 MOTOROLA SOLUTIONS INC
 Department POLICE
 Approved by BRIAN MYERS
 Ordered by CRAIG COTTEN
 Summary Desc MICROWAVE INSTL SITE 57

Status New
 P.O. Number 25-80238
 Ship to CH -RIDGELAND CITY HALL
 Issued 11/19/2024
 Est. Delivery 11/19/2024

P.O. Description MICROWAVE BACKHAUL INSTALLATION & MSWIN
 INTEGRATION FROM RIDGELAND PD TO LAKE CAVALIER
 SITE 57 THE MS 3429 PRICE

Internal Notes

OK Cancel

Edit dshavers