



CITY OF GROSSE POINTE WOODS DEPARTMENT OF PUBLIC SAFETY

Date: August 13, 2026

To: Susan Como, City Manager

From: John G. Kosanke, Director of Public Safety 

Subject: Radio Upgrade per Federal Mandate

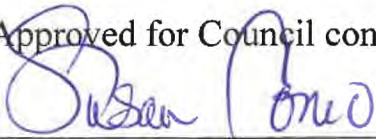
On May 01, 2025, the Michigan State Police informed all Michigan Criminal Justice Information Systems (CJIS) user agencies of a mandate requiring encryption of all CJI information.

The vendor we have used in the past for our radio maintenance needs was not willing to service our older APX6000 radio preps and wanted to replace them at a cost of \$105,221.44.

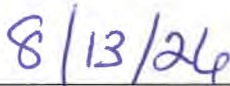
The Grosse Pointe and Harper Woods departments found another vendor who would encrypt our current prep radios at a discounted group price. The attached quote from Command Communications in Spring, Texas covers a firmware upgrade for 34 prep radios at a total cost of \$35,000.00. By accepting the quote of \$35,000.00 from Command Communications, the City would save \$70,221.44.

I am requesting Council approval to accept the quote from Command Communications in order for our department to be compliant with the required mandate. This is a budgeted expense in the 2026-2027 fiscal year budget in account 101-305-851.000 (Radio Maintenance).

Approved for Council consideration:



Susan Como, City Manager

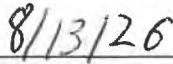
Date

Fund Certification:

Account numbers and amounts have been verified as presented



Steven Schmidt, Treasurer/Comptroller

Date

**416 Woodline Drive
Spring, TX 77386
281.363.3205-Phone**



DATE	Quote #
8/12/2026	q26-4730

City of Grosse Pointe Woods
20025 Mack Plaza,
Grosse Pointe Woods, MI 48236

P.O. NO.	PROJECT	

[illegible]

Michigan State Police

Land Mobile Radios and Encryption of Criminal Justice Information



This correspondence is being distributed to all Michigan Criminal Justice Information Systems (CJIS) user agencies to provide guidance on the dissemination of criminal justice information (CJI) over land mobile radio (LMR). This guidance should be reviewed in conjunction with the Michigan CJIS Administrative Rules and the current version of the FBI Criminal Justice Information Services Security Policy (CJISSECPOL).

Issue:

Dissemination of CJI (obtained from both Michigan and the Federal Bureau of Investigation [FBI]) over LMR must comply with the same requirements for wired communications: CJI must only be disseminated to authorized agencies, entities, or persons; and CJI must be encrypted with in accordance with the CJISSECPOL standards.

Background:

Michigan's public safety community (i.e., law enforcement, fire, and dispatch centers) routinely communicates using radio systems, consisting of both fixed and mobile units, run by local municipalities and the state's Michigan Public Safety Communications System (MPSCS). These radio systems employ channels and talk groups to separate the various communications by agency type or level of confidentiality of the information being communicated (to include CJI). Depending on the municipality/radio system, agencies not approved/authorized for access to CJI may have access to channels/talk groups used to communicate CJI, resulting in unlawful dissemination of CJI.

Beginning with CJISSECPOL v.5.0 (September 30, 2010), CJI transmitted outside the boundaries of a physically secure location was required to be encrypted to the Federal Information Processing Standard (FIPS) 140-2 certified standard, with a minimum bit length of 128. The only exceptions to this requirement were when CJI was transmitted over facsimile or by voice using a cellular device. Though there were few references to LMR in the CJISSECPOL, LMR was not included in either exception. Additionally, with the progression of LMR systems from analog to digital, the FIPS 140-2 certified standard, typically considered for data encryption, is applicable. Unfortunately, the lack of discussion, training, and/or auditing on the application of the CJISSECPOL encryption standard to LMRs left radio system users and administrators unaware and/or unclear of the CJISSECPOL encryption requirement.

Encryption of LMR transmissions is important for several safety and privacy reasons, including but not limited to:

- Prevents unauthorized dissemination of CJI.
- Protects public safety personnel by securing voice communications related to operational procedures.
- Protects law enforcement tactics and response/scene information during rapidly evolving events.
- Prevents the public broadcast/compromise of an individual's personal/health-related information which could be used for nefarious purposes.

During Michigan's 2023 FBI Criminal Justice Information Services Information Technology Security Audit, FBI audit staff assessed LMR compliance with the CJISSECPOL encryption standard and cited agencies for non-compliance. These findings solidified the need for further education and action to bring Michigan criminal justice agencies into compliance. Since that time, the FBI Criminal Justice Information Services Information Security Officer Section has been clear in numerous presentations and discussions that the encryption requirement applies to the dissemination of CJI over LMR.

This issue was presented to the Michigan CJIS Board in January 2024 for the Board's education on the issue and to partner with Michigan's public safety stakeholders to resolve the compliance matter. Discussion with Michigan's public safety stakeholders revealed that to an extent, the stakeholders were already aware of the requirements and were working toward a solution. The solutions identified will take multiple years and a significant amount of money (potentially in the tens of millions of dollars).

As of October 1, 2024, the CJISSECPOL encryption requirement for CJI in-transit outside the boundaries of a physically secure location is to employ cryptographic modules that are FIPS 140-3 certified, or FIPS validated algorithm of symmetric key encryption and decryption (FIPS197[AES]). In either case, a symmetric cipher key of at least 128-bit strength is required.

The Michigan State Police (MSP) and the CJIS Board understand that the implementation of CJISSECPOL required encryption on LMR systems will take time and will be expensive. Since the CJISSECPOL requirement is in effect and sanctionable (by the FBI), the MSP's CJIS audit staff will audit to the requirement for educational purposes and require a written corrective action plan be submitted for findings of non-compliance. However, the lack of CJISSECPOL required encryption will not lead to sanctions imposed by the MSP until October 1, 2026.

After October 1, 2026, the MSP's CJIS audit staff will audit to the requirement and require a written corrective action plan be submitted for findings of non-compliance. Corrective action plans that do not achieve compliance within 30 days of the audit will initiate the MSP CJIS sanctions process, which is a cooperative and progressive process for agencies to report their progress towards compliance.

The following chart lists some of the cryptographic algorithms currently available for use on LMR systems:

Encryption	Description/Key Length	CJIS Compliant (Yes/No)
Advanced Digital Privacy (ADP)	40-bit encryption. Also referred to as ARC4.	No
Data Encryption Standard - Output Feedback (DES-OFB)	64-bit encryption.	No
Advanced Encryption Standard (AES)	128, 192, or 256-bit encryption.	Yes

Additional information on CJISSECPOL encryption standards can be found in controls SC-13, SC-28, and Appendix G. Additional information on FIPS 140-3 cryptographic module certification can be found at [Approval and Issuance of FIPS 140-3 | CSRC](#). Information on FIPS validated cryptographic modules can be found using the [Cryptographic Module Validation Program Search](#).

Compliance:

Michigan CJIS user agencies utilizing LMRs must take immediate action to comply with and adhere to the following:

- *Dissemination of CJI over LMR must be limited to channels and talk groups accessible only to agencies that have been approved/authorized to access Michigan CJIS and CJI in accordance with the Michigan CJIS Administrative Rules.*

Rule 28.5201 of the Michigan CJIS Administrative Rules lists the agencies that may be approved for access to Michigan CJIS and CJI and the requirements for approval to access Michigan CJIS and CJI. Agencies approved by the MSP for access to CJIS and CJI are assigned an Originating Agency Identifier (ORI) specific to their level of authorized access. Since FBI CJI is generally obtained via Michigan CJIS, the Michigan CJIS Administrative Rules also apply to FBI CJI.

- *Dissemination of CJI over LMR must be encrypted in accordance with the CJISSECPOL (SC-13).*

Questions related to this guidance should be directed to the MSP CJIS Information Security Officer (ISO) at MSP-CJIS-ISO@michigan.gov.



GROSSE POINTE WOODS DEPARTMENT OF PUBLIC SAFETY

APX6000 PORTABLE RADIO KITS X 16

05/30/2026

05/30/2026

GROSSE POINTE WOODS DEPARTMENT OF PUBLIC SAFETY
20025 MACK PLAZA DR
GROSSE POINTE WOODS, MI 48236

RE: Motorola Quote for APX6000 PORTABLE RADIO KITS X 16

Dear Brian Urban,

Motorola Solutions is pleased to present GROSSE POINTE WOODS DEPARTMENT OF PUBLIC SAFETY with this quote for quality communications equipment and services. The development of this quote provided us the opportunity to evaluate your requirements and propose a solution to best fulfill your communications needs.

This information is provided to assist you in your evaluation process. Our goal is to provide GROSSE POINTE WOODS DEPARTMENT OF PUBLIC SAFETY with the best products and services available in the communications industry. Please direct any questions to Ed Horvath at EdHorvath@callmc.com.

We thank you for the opportunity to provide you with premier communications and look forward to your review and feedback regarding this quote.

Sincerely,

Ed Horvath
Sr. Account Executive

Motorola Solutions Manufacturer's Representative



QUOTE-3661975
APX6000 PORTABLE RADIO KITS X
16

Billing Address:
Grosse Pointe Woods DPS
20025 MACK PLAZA DR
GROSSE POINTE WOODS,
MI 48236
US

Shipping Address:
Grosse Pointe Woods DPS
20025 MACK PLAZA DR
GROSSE POINTE
WOODS, MI 48236
US

Quote Date:05/30/2026
Expiration Date:07/29/2026
Quote Created By:
Ed Horvath
Sr. Account Executive
EdHorvath@callmc.com
3132183450

End Customer:
GROSSE POINTE WOODS DEPARTMENT
OF PUBLIC SAFETY
Brian Urban
burban@gpwmi.us
313-343-2422

Contract: 35115 - STATE OF MICHIGAN,
MA# 190000001544

Payment Terms:30 NET

Summary:

Any sales transaction resulting from Motorola's quote is based on and subject to the applicable Motorola Standard Terms and Conditions, notwithstanding terms and conditions on purchase orders or other Customer ordering documents. Motorola Standard Terms and Conditions are found at www.motorolasolutions.com/product-terms.

Line #	Item Number	Description	Qty	List Price	Disc %	Sale Price	Ext. Sale Price
	APX™ 6000 Series	APX6000					
1	H98UCF9PW6BN	PORTABLE RADIO APX6000 700/800 MODEL 2.5	16	\$3,924.00	30.0%	\$2,746.80	\$43,948.80
1a	H869BZ	SOFTWARE LICENSE ENH: MULTIKEY	16	\$388.00	30.0%	\$271.60	\$4,345.60
1b	HA00690AA	ADD: 7Y ESSENTIAL SERVICE HTP	16	\$386.00	0.0%	\$386.00	\$6,176.00
1c	Q361AR	ADD: P25 9600 BAUD TRUNKING	16	\$353.00	30.0%	\$247.10	\$3,953.60
1d	H38BT	ADD: SMARTZONE OPERATION	16	\$1,412.00	30.0%	\$988.40	\$15,814.40
1e	QA00580AC	ADD: TDMA OPERATION	16	\$530.00	30.0%	\$371.00	\$5,936.00
1f	Q15AK	ADD: AES/DES-XL/DES-OFB ENCRYPTION AND ADP	16	\$941.00	30.0%	\$658.70	\$10,539.20
1g	QA09113AB	ADD: BASELINE RELEASE SW	16	\$0.00	0.0%	\$0.00	\$0.00



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.
Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 - #: 36-1115800



QUOTE-3661975
APX6000 PORTABLE RADIO KITS X
16

Line #	Item Number	Description	Qty	List Price	Disc %	Sale Price	Ext. Sale Price
1h	Q806BM	ADD: ASTRO DIGITAL CAI OPERATION	16	\$607.00	30.0%	\$424.90	\$6,798.40
1i	H122BR	ALT: 1/4 WAVE 7/8 STUBBY (NAR6595)	16	\$28.00	30.0%	\$19.60	\$313.60
2	PMNN4485A	PORTABLE RADIO BATTERY IMPRES 2 LI-ION R IP68 2550T	16	\$185.49	25.0%	\$139.12	\$2,225.92
3	PMMN4062AL	PORTABLE RSM GCAI, IP54, NC, 3.5MM JACK, LARGE	16	\$136.02	25.0%	\$102.02	\$1,632.32
4	NNTN8860B	CHARGER, DESKTOP SINGLE UNIT IMPRES 2, FAST US/NA	16	\$199.56	25.0%	\$149.67	\$2,394.72
Product Services							
5	LSV00Q00202A	DEVICE PROGRAMMING Program 16 APX6000 radios using the MPSCS provided code plug	16	\$71.43	0.0%	\$71.43	\$1,142.88

Subtotal \$146,584.00

Total Discount Amount \$41,362.56

Grand Total \$105,221.44(USD)

Notes:

- Pricing contained herein does not include the one-time MPSCS activation fee of \$250.00 per radio. Total for this quote would be 4,000.00 invoiced by MPSCS directly to your department.
- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the "Underlying Agreement") that authorizes Customer to purchase equipment and/or services or license software (collectively "Products"). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.
Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800

Purchase Order Checklist NA OM

Marked as PO/ Contract/ Notice to Proceed on Company Letterhead
(PO will not be processed without this)

PO Number/ Contract Number

PO Date

Vendor = Motorola Solutions, Inc.

Payment (Billing) Terms/ State Contract Number

Bill-To Name on PO must be equal to the *Legal* Bill-To Name

Bill-To Address

Ship-To Address (If we are shipping to a MR location, it must be documented on PO)

Ultimate Address (If the Ship-To address is the MR location then the Ultimate Destination address must be documented on PO)

PO Amount must be equal to or greater than Order Total

Non-Editable Format (Word/ Excel templates cannot be accepted)

Tax Exemption Status

Signatures (As required)

NOTE: When an email order is submitted a confirmation is sent from Motorola AutoNotify referencing a **case number**.

Once checklist is complete, order still must go through **Order Validation/Credit Approval**