



500 West Big Beaver  
Troy, MI 48084  
troymi.gov

## CITY COUNCIL AGENDA ITEM

Date: August 15, 2022



To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager  
Rob Maleszyk, Chief Financial Officer  
Dee Ann Irby, Controller  
Frank Nastasi, Chief of Police  
Andy Satterfield, Police Captain  
Michael Giorgi, Police Lieutenant  
Sam Kalef, Police Communications Manager  
Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 4 – MiDEAL Cooperative Purchasing Agreement  
MPSCS P25 Radio System Upgrade, Troy Police Department

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### **History**

Since 2019 our agency has been preparing for and planning for an upgrade to our Public Safety Radio System infrastructure and end user equipment. As an agency within Oakland County and a member of CLEMIS, Troy PD is participating in the Oakland County MPSCS P25 Radio Upgrade that is scheduled for deployment in Spring/Summer 2023. The current OpenSKY radio system that is networked and simulcasted throughout Oakland County and used within the City of Troy has outlived its expectancy and is in desperate need of replacement. The MPSCS system is designed for use utilizing Motorola Radio Equipment and approved Motorola accessories. Oakland County Radio (the county wide project managers) have selected Motorola Solutions, Inc/ Mobile Communications America (MCA) as their primary and sole-source provider for this project and it's needed equipment.

### **Purchasing**

- *Motorola Solutions, Inc of Schaumburg, IL* is the awarded, contracted vendor for the State of Michigan, MiDEAL Cooperative Purchasing Program, Contract #190000001544.
- City Council authorized participation in the Cooperative Purchasing Programs on November 8, 2021 (Resolution #2021-11-160)
- Pricing to purchase the needed and required end user equipment has been secured from Mobile Communications America (MCA) of Plymouth, MI, the local manufacturers rep for Motorola Solutions, Inc., per the MiDeal Cooperative Purchasing Contract #190000001544, for an estimated cost of \$192,327.65 as detailed below and as per the attached proposal.
- The pricing is valid through the end of August 2022.

- 23 – Portable Motorola APX6000 Radios
- 5 – Mobile Motorola APX6500 Hand-Held Control Radios
- 20 – IMPRES Shoulder Mics w/ Emergency Button Activation
- 10 – Leather, 2.75" Radio Swivel Holsters
- 10 – IMPRES Single-Unit Radio Chargers
- 28 – MCA Device Programming Fees (all purchased radios from MCA)



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### **Purchasing (continued)**


- Additionally, there is a required one-time “user fee” totaling \$7,000.00 to be paid directly to Oakland County/State of Michigan MPSCS (Michigan Public Safety Communications System) for radio system access for the additional purchased hand-held radios.

### **Financial**

Funds are budgeted and available in the Troy Police Department Communications Capital Fund under Project Number 2023C0020 for the 2023 fiscal year. Expenditures will be charged to account number 401.301.11.325.7980.055.

### **Recommendation**

City Management recommends awarding a contract to *Motorola Solutions, Inc. of Schaumburg, IL* for the purchase of the public safety radios and accessories for the Oakland County MPSCS P25 radio integration upgrade for an estimated cost of \$192,327.65, as per the State of Michigan MiDEAL Cooperative Contract # 19000000144 and requests authorization to pay \$7,000.00 to Oakland County / State of Michigan (MPSCS) for the radio system user access fee, for an estimated total cost of \$199,327.65; not to exceed budgetary limitations.



**MOTOROLA**

Date

Prepared For:

Entity

Phone

May 6, 2022

Sam Kalef

Troy Police Departmer A

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Equipment Details and Pricing

Item	Qty	Model	Description	MSRP	MiDeal Disc. %	Unit Price	Total Price
APX6000 PORTABLE RADIO							
1	23	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE-ENHANCED	\$ 3,595.00	30%	\$ 2,516.50	\$ 57,879.50
1A	23	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$ 567.00	30%	\$ 396.90	\$ 9,128.70
1B	23	H38	ADD: SMARTZONE OPERATION	\$ 1,320.00	30%	\$ 924.00	\$ 21,252.00
1C	23	Q361	ADD: P25 9600 BAUD TRUNKING	\$ 330.00	30%	\$ 231.00	\$ 5,313.00
1D	23	QA05570	ALT: LI-ION IMPRES 2 IP68 3400 MAH	\$ 110.00	30%	\$ 77.00	\$ 1,771.00
1E	23	QA00580	ADD: TDMA OPERATION	\$ 495.00	30%	\$ 346.50	\$ 7,969.50
1F	23	QA01771	ENH: ENHANCEMENT LEVEL 2	\$ 220.00	30%	\$ 154.00	\$ 3,542.00
1G	23	QA09006	ADD: ADAPTIVE NOISE SUPPRESSION	\$ 165.00	30%	\$ 115.50	\$ 2,656.50
1H	23	H122	ALT: 1/4- WAVE 7/800 GPS STUBBY (NAR6595A	\$ 26.00	0%	\$ 18.20	\$ 418.60
1I	23	Q887	ADD: 5Y ESSENTIAL SERVICE	\$ 227.00	30%	\$ 227.00	\$ 5,221.00
1J	23	H799	ADD: TEST RESULTS / RATED AUDIO PRINTOUT	\$ 11.00	30%	\$ 7.70	\$ 177.10
1K	23	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$ 814.00	30%	\$ 569.80	\$ 13,105.40
1L	23	QA09007	ADD: OUT OF THE BOX WIFI PROVISIONING	\$ -	30%	\$ -	\$ -
1M	23	QA09001	ADD: WIFI CAPABILITY	\$ 330.00	30%	\$ 231.00	\$ 5,313.00
1N	23	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$ 6.00	35%	\$ 4.20	\$ 96.60
1O	23	Q15	ADD: AES/DES-XL/DES-OFB ENCRYPTION	\$ 879.00	30%	\$ 615.30	\$ 14,151.90
1P	23	HKVN4821A	Device Management 3 Year Subscription	\$ 96.00	30%	\$ 67.20	\$ 1,545.60
APX6000 PORTABLE RADIO SUB TOTAL				\$ 9,191.00		\$ 6,501.80	\$149,541.40
APX6000 XE ACCESSORIES							
2	20	PMMN4062AL	IMPRES RSM, NOISE CANC. EMER	\$ 118.00	25%	\$ 88.50	\$ 1,770.00
3	10	PMLN5657B	LEATHER CASE, 2.75" SWIVEL, BLACK	\$ 111.00	25%	\$ 82.50	\$ 825.00
APX6000 PORTABLE ACCESSORIES SUB TOTAL							\$2,595.00
APX6500-03 HAND HELD CONTROL HEAD MOBILE RADIO							
5	5	M25URS9PW1BN	APX 6500 700/800 MHZ-ENHANCED	\$ 3,253.00	30%	\$ 2,277.10	\$11,385.50
5A	5	G806	ENH: ASTRO DIGITAL CAI OP APX	\$ 567.00	30%	\$ 396.90	\$1,984.50
5B	5	G51	ENH: SMARTZONE OPERATION APX6500	\$ 1,320.00	30%	\$ 924.00	\$4,620.00
5C	5	G361	ENH: P25 TRUNKING SOFTWARE APX	\$ 330.00	30%	\$ 231.00	\$1,155.00
5D	5	GA00580	ADD: TDMA OPERATION APX	\$ 495.00	30%	\$ 346.50	\$1,732.50
5E	5	GA01771	ENH: ENHANCEMENT LEVEL 2	\$ 220.00	30%	\$ 154.00	\$770.00
5F	5	G72	ADD: O3 CONTROL HEAD	\$ 1,041.00	30%	\$ 780.75	\$3,903.75
5G	5	W116	ADD: EXTERNAL ALARM RELAY AND CABLE	\$ 83.00	30%	\$ 58.10	\$290.50
5H	5	G444	ADD: APX CONTROL HEAD SOFTWARE	\$ -	30%	\$ 228.90	\$1,144.50
5I	5	G72	ADD: REMOTE MOUNT APXM	\$ 327.00	30%	\$ 228.90	\$1,144.50
5J	5	G335	ADD: ANT 1/4 WAVE 762-870 MHZ	\$ 15.00	30%	\$ 10.50	\$52.50
5K	5	W432	ADD: AUXILARY SPKR 13W (3.2OHM)	\$ 79.00	30%	\$ 55.30	\$276.50
5L	5	GA00270	ADD: GPS ANTENNA GLASS MT	\$ 36.00	30%	\$ 25.20	\$126.00
5M	5	GA01576	ADD: SMA TO QMA ADAPTER	\$ -	0%	\$ -	\$0.00
5N	5	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$ 352.00	0%	\$ 352.00	\$1,760.00
5O	5	G799	ADD: PRINTED TEST RESULTS APX	\$ 11.00	30%	\$ 7.70	\$38.50
5P	5	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$ 814.00	30%	\$ 569.80	\$2,849.00
5Q	5	G851	ADD: AES/DES-XL/DES-OFB ENCRYPTION	\$ 879.00	30%	\$ 615.30	\$3,076.50
5R	5	GA01579AB	ADD: COVERT WIFI GLASSMOUNT	\$ 77.00	30%	\$ 53.90	\$269.50
5S	5	GA09001	ADD: WI-FI CAPABILITY	\$ 330.00	30%	\$ 231.00	\$1,155.00
5T	5	GA09007	ADD: OUT OF THE BOX WI-FI PROVISIONING	\$ -	30%	\$ -	\$0.00
5U	5	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$ 6.00	30%	\$ 4.20	\$21.00
5V	5	HKVN4821A	Device Management 3 Year Subscription	\$ 96.00	35%	\$ 67.20	\$336.00
APX6500-03 MOBILE RADIO SUB TOTAL				\$ 10,331.00		\$ 7,618.25	\$38,091.25
INSTALLATION SERVICES							
6	28	LSV00Q00202A	DEVICE PROGRAMMING "ANY MODEL OF RADIO"	\$ 75.00	0%	\$ 75.00	\$ 2,100.00
INSTALLATION SUB TOTAL							\$2,100.00
SYSTEM GRAND TOTAL							\$192,327.65
NOTES: CUSTOMER IS RESPONSIBLE FOR PAYING ANY APPLICABLE USER FEES TO OAKLAND COUNTY AND/OR MPSCS.						MPSCS	\$7,000.00

1. Quotes are **exclusive** of installation and programming charges unless expressly stated herein.
2. Prices quoted are exclusive of all applicable Federal Excise Taxes, State Sales and Use Taxes.
3. Prices are valid FOR 90 DAYS..
4. Standard Equipment Warranty Applies Unless Otherwise Specified
5. Standard Terms are: Net 30 Days from shipment
6. Shipment is approximately 2-4 MONTHS from receipt of order.
7. Prices are based on State of Michigan Contract # 190000001544
8. The purchase order will need to provide payment terms (Net 30), shipping address