



# City of Gahanna

200 South Hamilton  
Road  
Gahanna, Ohio 43230

## Signature

Ordinance: ORD-082-2020

File Number: ORD-082-2020

**ORDINANCE AUTHORIZING THE MAYOR TO ENTER INTO CONTRACT WITH MOTOROLA SOLUTIONS INC., FOR PURCHASE RADIO CONSOLE EQUIPMENT AND CONNECTIVITY INFRASTRUCTURE FOR THE CO-LOCATION OF EMERGENCY COMMUNICATIONS CENTERS WITH MIFFLIN TOWNSHIP; WAIVING SECOND READING; AND DECLARING IT AN EMERGENCY.**

WHEREAS, the additional radio console equipment and connectivity infrastructure that is compatible with the State of Ohio's Multi-Agency Radio Communications System (MARCS), of which the Division is a subscriber is required; and

WHEREAS, the request will expand the number of dispatching positions from three to five and includes necessary technology upgrades to the existing equipment; and

WHEREAS, it is imperative to move forward with this purchase for the preservation of the public peace, health, safety and welfare;

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF GAHANNA, STATE OF OHIO:

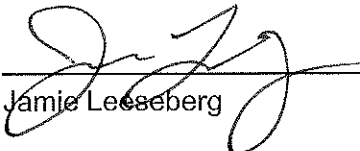
Section 1. That the Mayor is hereby authorized to enter into contract with MOTOROLA SOLUTIONS INC., 13104 Collections Center Drive, Chicago, IL, 60693, for purchase of additional radio console equipment and connectivity infrastructure; quote attached as EXHIBIT A, and made a part herein; said purchase to be made from State Term Schedule 573077-0.

Section 2. That pursuant to Gahanna City Code Section 135.05(e)(4) competitive bidding is hereby suspended.

Section 3. The second reading is hereby waived.

Section 4. That, for the reason set forth in the preamble herein above, this ordinance is declared emergency legislation and shall be in full force and effect immediately upon passage by this Council and on date of signature approval by the Mayor.

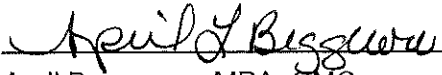
President

  
\_\_\_\_\_  
Jamie Leeseberg

Date

10/7/2020

Attest by

  
\_\_\_\_\_  
April Beggerow, MPA, CMC  
Clerk

Date

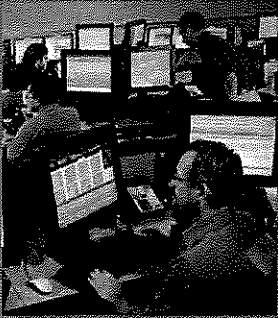
10/7/2020

Approved by the Mayor   
Laurie A. Jadwin

Date 10-6-2020

Approved as to Form   
Raymond J. Mularski  
City Attorney

Date 10-6-2020



## BUDGETARY ESTIMATE:

# CITY OF GAHANNA MCC 7500 Dispatch Console

August 25, 2020

Budgetary Estimate #: 08252020

Motorola has prepared this budgetary estimate to add +2 operator positions at a new MECC Joint Dispatch Center. MECC will separately provide for the relocation and installation of the existing operator positions and backroom equipment at the new dispatch center. This proposal also includes one new Auxiliary Input/Output device, new Ethernet switches, an additional CCGW and a new rack.

### Why this Solution for MECC

The proposed dispatch relocation provides MECC with additional space. Relocation of existing equipment is provided by MECC. Motorola has proposed the following:

- 2 New MCC 7500 positions, Auxiliary I/O device, new Ethernet switches, rack, CCGW.
- Encryption upgrades for the existing 8 operator positions to add AES, ADP, DES-OFB, as needed. (NOTE: This quote assumes existing VPMs are equipped to accept the encryption capability. If not compatible, a separate quote for a VPM replacement will be required.)

NOTE: Existing op positions, network equipment and control stations with antenna/line are assumed to be relocated or separately provided by MECC, as needed.

### Solution Benefits

- The highly reliable MCC 7500 IP Console platform.
- Capable of being interfaced with the MARCSIP ASTRO 25 system.
- Utilizes the Ease of Use, Minimal learning curve for dispatchers. MCC 7500 uses Intuitive Graphic User Interface
- Minimal equipment space required; interfaces all contained within a single rack for the Motorola supplied equipment

### Low Risk Implementation and Maintenance Protects Your Investment

Motorola will follow implementation processes proven through hundreds of system installations and cutovers, and use an experienced installation team to keep the project on-time and on-budget. Motorola has included one year of 24x7 maintenance as part of this budgetary offering.

### Next Steps

Motorola's technical team is available to review design options with you to develop the solution that best fits your mission. Please contact your Account Manager for more information.

## BUDGETARY ESTIMATE: \$246,212

\$114,439

Implementation

\$131,777

Equipment

Ohio STS Contract  
573077-0

### SOLUTION HIGHLIGHTS:

- 2 new MCC 7500 Dispatch Positions with AES/ADP/DES-OFB
- New AUX I/O and Ethernet switches
- Console Implementation Services
- 24x7 Maintenance Support (1 Year)
- Encryption Upgrades for existing 8 positions to include for DES-OFB, ADP, AES as needed.

### ACCOUNT MANAGER

Stuart Johnston

Office: 740.953.0447

stuart.johnston  
@motorolasolutions.com



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## Items for Discussion

Every organization faces its own mix of challenges and concerns when planning the modernization of its communications system. As an initial step in defining your needs, this budgetary estimate accounts for the most common installation and support services. Based on our experience, the following topics often merit additional dialogue. Our design and services team is available for further discussion and customization to provide your project the best level of support.

## System Implementation Considerations

### Site Preparation and Development

The Customer is responsible for providing civil work, as needed, for the new dispatch site including equipment room/desk space (furniture), conduit for running cabling, HVAC, electrical, backup power systems, grounding and other site related work as needed. NOTE: The existing VPMS must have been equipped for secure operation and if not then will need to be replaced.

### Additional Offerings

The Customer is responsible for the move of the existing and installation of the dispatch site equipment to the new location and for providing / installing all 3rd party equipment and configuration as needed. NOTE: Civil work, Furniture, Fire Station Alerting Systems, CAD, 9-1-1 equipment, Logging recorder and associated services for these items are not included in this proposal. If any of these items are desired a separate quote can be provided.

### Connectivity Requirements

Network Connectivity and additional bandwidth expansion per Motorola specification, between the Master site and Dispatch and to the remote dispatch site is the responsibility of the Customer.

### Subscribers

Subscriber radios, programming and installations, and/or upgrades of existing units are not included. If desired, this can be provided separately.

### Other:

FCC licensing, if applicable, is not included.

NOTE: The remote dispatch site operation which is connected via fiber is not a certified configuration and may provide limited or no functionality and with the loss of the fiber connectivity between the Gahanna existing dispatch site and the proposed new center.

## System Sustainment Considerations

### Advance Plus Package Services Included in Year 1 for 2 new Operator positions only:

Technical Support, Dispatch, Network & Security Monitoring, Security Update Service, Onsite Support, Preventative Maintenance & Network Updates. NOTE: Requires a separate maintenance contract in place for the relocated, existing dispatch site equipment.

### Additional Lifecycle Services for Proposed New Operator Positions:

Advanced Plus Lifecycle services to support ongoing maintenance of your new operator positions and regular upgrades are shown below.

Advance Plus Package (2 ops) Year 2: \$11,795 Year 3: \$12,023 Year 4: \$12,258 Year 5: \$12,501

### Ohio MARCSIP Add On:

Ohio MARCS add on's must align with the MARCSIP system release upgrade schedule and required services per the MARCSIP schedule. See Lifecycle Services pricing above. Any Ohio MARCS and County approvals, as needed, are the responsibility of the Customer.

