23 COMMUNITY MITIGATION FUND

2023 Public Safety Grant Application
Bid No. BD-23-1068-1068C-1068L-81256

All completed applications must be sent by January 31st to be considered for funding for the 2023 Grant Round. Please submit this completed form as well as any relevant attachments to MGCCMF@Massgaming.gov.

For more detailed instructions as well as the 2023 Application Guidelines please visit https://massgaming.com/about/community-mitigation-fund/

I. Project Summary
Legal Name of Applicant: Town of Wilbraham
Project Name (Please limit to 5 words): Wilbraham Radio Software Update
Amount Requested: $42,762
Brief Project Description (approx. 50 words): *Please use this space to provide a high-level overview of what your project entails.* The Wilbraham Police and Fire Departments are requesting funds to update the software in 10 police vehicle radios, 5 fire vehicle radios, and one police portable radio so these units can be "Phase 2" trucking capable. This will allow these units to communicate with public safety agencies in surrounding communities impacted by the MGM Springfield Casino.

II. Applicant Contact Information
Please provide below the manager for this grant and any other individuals you would like to be copied on all correspondence.
Grant Manager: Edward Lennon
Email Address: elennon@wilbraham-ma.gov
Telephone Number: 413-596-3837
Address: 2780 Boston Road, Wilbraham, MA 01095
Contact II: Michael Andrews
Role: Wilbraham Fire Chief
Email Address: mandrews@wilbraham-ma.gov
Telephone Number: 413-596-3122
Address: 2770 Boston Rd, Wilbraham, MA 01095
Contact III:
Role:
Email Address:

Telephone Number:
Address:

III. Detailed Project Description & Mitigation

1) Please describe in detail the impact that is attributed to the operation of a gaming facility. Please provide documentation or evidence that gives support for the determination that the operation of the gaming facility caused or is causing the impact (i.e. surveys, data, reports).

The Westcomm Regional Communications Dispatch now dispatches for the Longmeadow and East Longmeadow public safety agencies which are communities that are part of the agreement with MGM Springfield. The Town of Ludlow is also part of this agreement with MGM Springfield. All of these municipalities have public safety radio systems that are "Phase 2 Trunking" systems which cannot be monitored by the Wilbraham Police and Fire interoperability radios identified unless they receive a software update. Wilbraham borders Ludlow and East Longmeadow. Wilbraham is near Longmeadow and all of the communities mentioned provide frequent mutual aid ambulance coverage. The project is to request funding for a software update which will allow 10 police vehicle radios, 5 fire vehicle radios and 1 police portable radio to be "Phase 2 Trunking" capable so that these units will be able to communicate with the agencies who are now on this type of radio system. In order to comply with Massachusetts Statewide Communications Interoperability Plan (SCIP), each of these units will also need to be programmed with AES type encryption. In order to be compliant with systems in place in surrounding towns, these units will also need to be programmed with the feature "Over the Air Programing" . An Interoperability Communications Investment Proposal (ICIP) form has been submitted to icb@mass.gov and is attached to this application.

The Motorola local vendor, Norcomm, Inc. was provided the software profile of each device and evaluated which features are necessary for the upgrade. A state contract PSE01 account quote is attached which indicates which software features are needed to update the 16 devices / units.

2) *(If applicable)* Please explain how this impact was not anticipated in the Applicant's Host or Surrounding Community Agreement.

Ludlow and Westcomm Dispatch recently updated their radio systems after MGM Springfield opened. The Westcomm Dispatch radio system covers Longmeadow and East Longmeadow. Ludllow, Longmeadow, Wilbraham, and East Longmeadow are covered by MGM Springfield surrounding community agreements. Wilbraham did not anticipate that these agencies would be moving to this type of system when Wilbraham purchased their equipment.

3) Please describe what the Applicant is proposing and how the mitigation request will address the impact indicated.

The project is to request funding for a software update which will allow 10 police vehicle radios, 5 fire vehicle radios, and one police portable radio to be "Phase 2 Trunking" capable so that these units will be able to communicate with the agencies who are now on this type of radio system. This will mitigate the issue of these units not being able to directly monitor or communicate with other towns impacted by MGM Springfield. These agencies, which are covered under surrounding community agreements, updated their radio systems after MGM Springfield opened. These updates created this compatibility issue. This impact was not addressed in Wilbraham's surrounding community agreement. The software update is a one-time expense which will solve this issue.

This will increase the ability for these agencies to communicate with the Wilbraham units. This software update will also future proof these units into being interoperable for other potential uses to communicate with public safety agencies on all levels. All of the proposed Wilbraham Police units were purchased within the previous year and have a life expectancy of at least fifteen years. The units are ten (10) Motorola APX8500 mobile radios and one (1) Motorola APX8000 portable radio. The Wilbraham Fire vehicle units are five (5) APX1500 mobile radios.

IV. Scope, Budget, and Timeline	
Applicant: Town of Wilbraham- Police	Vendor Code: VC600192058
Total Amount Requested: $42,762	Estimated Total Project Cost: $42,762

Scope of Work

Please include below a breakdown of the proposed work. The project scope should be sufficiently detailed to allow the review team to understand the steps required for project completion.

1. Purchase the software keys from the Motorola Inc. local vendor through Massachusetts State Contract PSE01. New software features: "Phase 2 Trunking", "AES Encryption", "Over the Air Programming".

2. Install (Activate) the software on the radios so that they become capable of the new features.

Proposed MGC Grant Budget

Please use the following table to outline the budget of your project. Include any requests for proposals, quotes, or estimates that would quantify the costs associated with the mitigation as an attachment. In determining the funding request, please round up to the nearest hundred dollars.

Timeline	Description of Purchase/Work	QTY	Budget
Spring 2023	Purchase Software Keys (Licenses)	16	$42,762
	TOTAL:	16	$42,762

Funding Source	Description of Purchase/Work	QTY	
In Kind Services		0	0
Federal	.	0	0
State		0	0

Local Match		0	0

V. Regional Incentive Award

Are you applying for a Regional Incentive Award?

___ Yes	_X_ No

Partner Community Contact-	
Name:	
Role:	
Email Address:	
Telephone Number:	
Address:	

VI. Waiver

If you are applying for a waiver, please submit the Waiver Form with your application. The form can be found at www.massgaming.com/about/community-mitigation-fund/forms/

Are you applying for a waiver?	
___ Yes	_X_ No

VII.   Please provide a brief description of each attachment.

1. Motorola local vendor Norcom Inc. Quote

2. Interoperable Communications Investment Proposal (ICIP) with related Special Conditions for Interoperability Form.

VIII.	Applicant Certification

On behalf of the aforementioned Applicant/municipality/governmental entity I hereby certify that the funds that are requested in this application will be used solely for the purposes articulated in this Application.

Edward C. Lennon

Signature of Responsible Municipal Official/Governmental Entity

01/31/23

Date:

Edward C. Lennon

(print name)

Chief of Police - Wilbraham

Title:

Interoperable Communications Investment Proposal (ICIP)

Please complete all sections _except_ for _SIEC Review Section_.
The completed ICIP form must be emailed with your grant application to:

Agency Name	Wilbraham Police / Fire Departments
Email Address	elennon@wilbraham-ma.gov

For equipment purchases, a vendor price quote that includes the equipment make, model and specifications must be submitted with this form. Please identify the quote number(s) or other identification code(s) associated with this proposal in the requesting cell below so the correct quote is tied to the ICIP during review.

Community Name	Town of Wilbraham		
Project Point of Contact	Edward Lennon		
Phone #	413-596-3837	Email	elennon@wilbraham-ma.gov

FFY / Program		Project Costs	$42,762
Project Start Date	March, 2023	Project End Date	TBD
Investment Name	Wilbraham Police / Fire Radio Option Upgrade		
Vendor Quote #	Quotation by NORCOM - detailed quote attached.		

Investment Summary (describe your project)

The Wilbraham Police and Fire Departments are public safety agencies for the Town of Wilbraham. Wilbraham Police and Fire vehicles are equipped with Motorola APX8500/APX1500 mobile radios for interoperability. Surrounding communities have transitioned to UHF trunked systems which the Wilbraham radios are incapable of communicating without an option upgrade. This upgrade will enhance interoperability for the Wilbraham Police and Fire Departments. The project consists of the following software upgrades to the radios: "Phase 2 Trunking", "AES Encryption", "Over the Air Programming". The upgrade will be to the following Motorola radios: 10 police APX8500 mobiles, 1 police APX8000 portable, and 5 fire APX1500 mobiles.

Communications Interoperability Problem Description

Communications is vital to successfully interoperability between communities.

Background Information / Detailed Investment Description

Surrounding communities of Wilbraham have migrated to UHF trunked systems which the noted Wilbraham Police and Fire equipment cannot access. Radio option upgrades will allow the Police and Fire Department radios the ability to communicate with neighboring communities.

Expected Outcomes- Describe the communications interoperability gaps that will be addressed
Ability to directly communicate with surrounding public safety agencies.

SCIP Goals- Identify each SCIP goal (check the box) that this investment will support and describe how that support will be accomplished. The current Massachuetts SCIP can be found here:
www.mass.gov/doc/massachusetts-statewide-communication-interoperability-plan-scip-2020

	Goal	Describe support
	Governance	
	SOP	
X	Technology	Interoperability to communicate with surrounding communities public safety agencies.
	Training & Exercise	

Ownership - Identify the proposed owners of all assets procured with this investment.	
Organization	**Asset Description**
Wilbraham Police and Fire Departments	Option (flashcode) upgrades

Usage Plan - Describe the usage plan for the equipment / project
Option upgrades will allow the Wilbraham Police and Fire Departments to directly communicate with surrounding public safety agencies.

Disciplines- Identify each responder discipline that will enhance its communications interoperability from this investment and describe the interoperability enhancement	
Please use the following abbreviations to represent the corresponding discipline: LE - Law Enforcement; EMS - Emergency Medical Services; EMA - Emergency Management Agency; FS - Fire Service; HZ – HAZMAT; PW - Public Works; PH - Public Health; GA – Governmental Administrative; PSC - Public Safety Communications; HC - Health Care; O-Other	
Discipline	**Enhancement**
LE	Improved coverage, Direct contact with primary mutual aid.

Multi-Jurisdictional Interoperability - All investments must provide interoperability between two or more jurisdictions. Identify each jurisdiction that will achieve interoperability from this investment.
Option upgrades will allow the Wilbraham Police and Fire Departments to directly communicate with surrounding public safety agencies.

Following Section will be completed by SIEC:

REVIEW STATUS	APPROVE	AMEND	DENY
Statewide Interoperability Coordinator (SWIC) Recommendation			
Executive Management Committee (EMC) Recommendation			
Statewide Interoperability Executive Committee (SIEC) Recommendation			
Applicant notified of Recommendation			
SIEC Member Signature / Date			

The attached Special Condition must be signed and submitted with your completed ICIP form. ICIP forms submitted without the signed Special Conditions will not be reviewed.

Special Conditions for Interoperability and Information
Sharing Grants *Version 2.1 – December 2020*

Radio (RF) Equipment Purchase specifications – All radio equipment purchased, upgraded or programmed from SIEC-approved funding will meet current SAFECOM P25 compliance requirements as published on the Cybersecurity and Infrastructure Security Agency (CISA) grant guidance document page (https://www.cisa.gov/publication/emergency-communications-grant-guidance-documents). Additionally, this equipment with comply with the SIEC Guidance Bulletin 20-1: Public Safety Agency Encryption (https://www.mass.gov/doc/public-safety-encryption-guidance-bulletin).

Radio (RF) Equipment programming – Compliance with this section is met by programming the full Massachusetts Tactical Channel Plan (MTCP) by appropriate band in all purchased RF equipment.

1. **National Interoperability Channels - Common.** All radios purchased, upgraded, or programmed from SIEC-approved funding must include a minimum channel complement of the National Interoperability Channels respective to the frequency band the radio operates on, (VTAC, UTAC, 8TAC, etc.). All National Interoperability Channels will use the National Public Safety Telecommunications Council (NPSTC) naming conventions.

2. **National Interoperability Channels – Discipline.** All radios purchased, upgraded, or programmed from SIEC-approved funding should include the discipline-specific National Interoperability Channels when room is available in the radio, (VLAW, VFIRE, VMED). All National Interoperability Channels will use the National Public Safety Telecommunications Council (NPSTC) naming conventions.

3. **Statewide Interoperability Channels.** All radios purchased, upgraded, or programmed from SIEC-approved funding must include statewide interoperability channels as identified in the MTPC. These channels will be programmed according to the MOU or guidance in place for the statewide system and participating agency. (Examples include: State Police 800MHz LPS Channels, FAMTRAC, MEMA VHF Channels, etc.)

4. **Regional Interoperability Channels.** All radios purchased, upgraded, or programmed from SIEC-approved funding must include regional interoperability channels as identified in the MTPC. These channels will be programmed according to the MOU or guidance in place for the statewide system and participating agency. (Examples include: BAPERN, WMLEC, Fire District Mutual Aid Channels, etc.)

5. **Cached Radios.** Cached radios purchased, upgraded, or programmed from SIEC-approved funding must include the standard interoperability template as identified in the MTCP.

6. **Radio Reprogramming.** Any reprogramming of existing equipment supported by SIEC-approved funds will follow the conditions above. If a reprogrammed radio does not possess the channel capacity to meet the MTCP programming requirements above, the SIEC will provide additional guidance.

Communications Asset Tracking Requirements

7. **CASM Data-Entry.** All transmitting/receiving RF devices purchased with SIEC-approved funding will be entered into CASM (Communications Asset Survey & Mapping tool) by the region, state agency or organization receiving the award.

8. **CASM Maintenance.** The organization receiving SIEC-approved funding agrees to maintain current and accurate information in CASM for the equipment entered should changes occur.

Training, Exercise and Usage Requirements

9. **Training.** Recipient agrees to report results of the training program identified in the application associated with interoperability awards.

10. **Exercise.** Recipient agrees to report results of the tiered communications requirements for exercises to the SIEC. The SIEC will provide tiered communications requirements for all exercises using voice or data systems supported by SIEC-approved funding.

11. **Usage.** Recipient agrees to track results of the usage plan identified in the application. This information may be requested during monitoring, site visits, or during other SIEC-approved activities.

Additional Requirements

12. **SIEC Policies and Guidance Bulletins.** To the extent applicable and/or practical, the recipient agrees support, to the best of their current ability, any future SIEC policies and guidance bulletins introduced for the furthering of interoperable communications across the Commonwealth.

Information Sharing Purchase compliance – Information sharing is defined as, "Making information available to participants (people, processes, or systems)." Proposals with an information sharing component must meet the following conditions:

1. **Agreement to contribute data to appropriate Federal and State Systems or Repositories.** Where applicable, grantees will be required to contribute data to Federal and statewide systems or reposidtories. The following is the list of potential systems and r epositories:

   - Massachusetts Criminal Justice Information System (CJIS): (inmate data – state and county)
   - Massachusetts State Police Identification Section: (ten print arrest fingerprint cards and mug shots)
   - Massachusetts Statewide Information Sharing System (SWISS): (police incident data)
   - Massachusetts CopLink: (police and custodial records management systems data)
   - Mass-Gangs: (gang intelligence data)
   - Massachusetts Offense Based Tracking Number (OBTN) system (unique number system for arrests or charges)
   - Massachusetts Ambulance Trip Record Information System (MATRIS) (EMS data collection system required by OEMS)
   - National Fire Incident Reporting System (NFIRS)
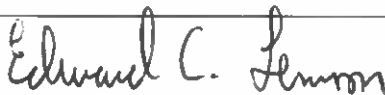   - National Incident Based Reporting System (NIBRS)

Applicants must include in their application (narrative and budget) the costs – that are allowable under the respective grant program - associated with meeting the following five (5) general requirements to contribute data to the applicable system or repository.

1. Assign internal resources and/or hire resources to develop, test, and implement the functional and technical requirements;
2. Procure the required software and hardware;
3. Conduct acceptance testing;
4. Sign-off on acceptance testing; and
5. Assign internal resources and/or hire resources to maintain the technical environment.

Contact the Executive Office of Technology Services and Security (EOTSS) if additional information is required.

2. **National Information Exchange Model (NIEM) Conformance.** Applicants applying for grant funds to develop new data exchanges must commit to developing these exchanges incorporating the NIEM data exchange standards. Applicants must include in the narrative of the grant application a description of how the project will achieve NIEM conformance. For additional information on NIEM, please visit www.niem.gov

3. **Security Policies and Standards.** Applicants will abide by any of the following policies and standards that apply to the project.

   a. **Commonwealth of Massachusetts Enterprise Information Security (EIS) Policy and Standards.** State agencies or organizations under the Executive Branch must comply with the latest published EIS standards as applicable. These standards may be accessed at https://www.mass.gov/handbook/enterprise-information-security-policies-and-standards.
   b. **Commonwealth of Massachusetts Web Accessibility Standards.** Grant applications that propose to implement Internet or Intranet based web-browser interfaces must conform to the Commonwealth's Web Accessibility Standards. These standards may be accessed at https://www.mass.gov/guides/web-accessibility-standards.
   c. **Security Policies and Standards.** If an information sharing or data exchange project proposes the sharing or exchanging of Criminal Offender Record Information (CORI) data as defined in Massachusetts General Law Chapter 6 Section 168-172, the applicant and all participants within the project must ensure that all systems conform to the standards set forth in the current version of the FBI's *CJIS Security Policy*.

As the duly authorized representative of the applicant, I hereby certify that the applicant will comply with the above conditions.

Print Project Name	Wilbraham Police / Fire Radio Option Upgrade		
Authorized Signature	*Edward C. Lennon*	Date	1/31/2023
Print Name	Edward C. Lennon		
Print Title	Wilbraham Police Department - Chief of Police		

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Billing Address:
WILBRAHAM POLICE DEPT
240 SPRINGFIELD ST
WILBRAHAM, MA 01095
US

Quote Date:01/31/2023

Expiration Date:04/01/2023

Quote Created By:
Jeannine DelVasto / Holly Brown
jdelvasto@norcomct.com

End Customer:
WILBRAHAM POLICE DEPT
Anthony Gentile
agentile@wilbraham-ma.gov
4135963837

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.

Flash existing APX subscribers for UHF Trunking operation.

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	FLASHport Series	APX1500FLASHPORT				
1	T8290A	SOFTWARE P25 CONVENTIONAL	1	$0.00	$0.00	$0.00
1a	GA00894AC	ENH: DIGITAL CONVENTIONAL TO 9600 OR 3600 DIGITAL TRUNKING	1	$1,290.00	$1,290.00	$1,290.00
1b	G996AY	ENH: OVER THE AIR PROVISIONING	1	$127.00	$127.00	$127.00
1c	GA00580AC	ENH: UPGRADE TO TDMA	1	$569.00	$569.00	$569.00
	FLASHport Series	APX1500FLASHPORT				
2	T8290A	SOFTWARE P25 CONVENTIONAL	1	$0.00	$0.00	$0.00
2a	GA00894AC	ENH: DIGITAL CONVENTIONAL TO 9600 OR 3600 DIGITAL TRUNKING	3	$1,290.00	$1,290.00	$3,870.00
2b	G996AY	ENH: OVER THE AIR PROVISIONING	3	$127.00	$127.00	$381.00
2c	GA00580AC	ENH: UPGRADE TO TDMA	3	$569.00	$569.00	$1,707.00

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	FLASHport Series	APX8500FLASHPORT				
3	T8423A	DIGITAL CONVENTIONAL	1	$0.00	$0.00	$0.00
3a	G361AJ	ENH: ASTRO P25 TRUNK SOFTWARE	10	$380.00	$380.00	$3,800.00
3b	G347AP	ENH: UPGRADE CONVENTIONAL TO SMARTZON	10	$1,012.00	$1,012.00	$10,120.00
3c	G996AW	ENH: OVER THE AIR PROVISIONING	10	$127.00	$127.00	$1,270.00
3d	GA00580AB	ENH: UPGRADE TO TDMA	10	$569.00	$569.00	$5,690.00
	FLASHport Series	APX8000FLASHPORT				
4	T8550A	DIGITAL CONVENTIONAL	1	$0.00	$0.00	$0.00
4a	QA00580AB	ENH: TDMA OPERATION	1	$569.00	$569.00	$569.00
4b	Q327BH	ENH: UPGRADE CONVENTIONAL TO SMART	1	$1,012.00	$1,012.00	$1,012.00
4c	G996AT	ENH: PROGRAMMING OVER P25 (OTAP)	1	$127.00	$127.00	$127.00
4d	Q361AP	ENH: P25 9600 BAUD TRUNKING	1	$380.00	$380.00	$380.00
	KVL 4000 Flashport					
5	T7586A	KVL 4000 FLASHPORT UPGRADE*	1	$100.00	$100.00	$100.00
5a	CA01639AA	ADD: AES ENCRYPTION	15	$750.00	$750.00	$11,250.00
5b	QA01767AP	ADD: KVL RADIO AUTHENTICATION MODE	1	$500.00	$500.00	$500.00

Grand Total $42,762.00(USD)

Notes:

- Additional information is required for one or more items on the quote for an order.

- 1. Pricing shown is budgetary
  2. Flash configurations shown include options specifically requested by customer. Due to short turnaround time for quote these options have not been vetted or confirmed. Due diligence will be required prior to an order being placed and any adjustments needed will be quoted/billed in addition to price shown.
  3. Radio unit information was provided by customer and has not been verified. Actual flash and model information will need to be read from each radio prior to an order being placed. Any adjustments to flash requirements due to incorrect information provided will be quoted/billed in addition to price shown.
  4. Trunking system programming requires a hardware or software key which has not been included here
  5. Does not include system licenses
  6. No services have been included
  7. Keyloader (KVL) is required to add AES encryption. As KVL was not available at time of this quote a placeholder for these flashes has been included.   The serial number of the KVL being used to add AES will be required prior to order being placed.

- 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.

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Purchase Order Checklist

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)
Bill To Contact Name & Phone # and EMAIL for customer accounts payable dept
Ship To Contact Name & Phone #
Tax Exemption Status
Signatures (As required)