



EXECUTIVE OFFICE OF PUBLIC SAFETY & SECURITY  
DEPARTMENT OF FIRE SERVICES



**FY22 FIREFIGHTER SAFETY EQUIPMENT GRANT PROGRAM**

**COVER SHEET**

**Department Information**

Legal Name of Applicant Agency: City of Somerville  
Mailing Address: 266 Broadway Somerville, MA PO Box: \_\_\_\_\_  
Municipality: Somerville Fire Zip Code: 02145

**Chief of Department**

First Name: Charles Title: Chief Engineer  
Middle Initial: J Phone Number: 617-623-1700 ext 8110  
Last Name: Breen Email Address: cbreen@somervillema.gov  
Suffix: Jr.

**Grant Manager\***

First Name: Christopher Title: Assistant Fire Chief  
Middle Initial: G Phone Number: 617-623-1700 ext 8115  
Last Name: Major Email Address: cmajor@somervillema.gov  
Suffix: \_\_\_\_\_

\*Leave this section blank if Fire Chief will serve as Grant Manager.

**Application Type**

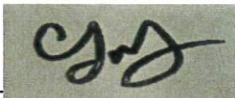
Select Application Type Below:

Single Department

If you are submitting a Regional Application, complete the "Supporting Regional Applicants" tab of this document. If you are not submitting a regional application, you may leave that tab blank.

**Signature**

As the Chief of the Department/Chief Executive, I am authorizing the department to solicit funds from the FY22 Firefighter Safety Equipment Grant Program from the Department of Fire Services (DFS). I have reviewed and approve of the contents of this application, and certify that all information provided is accurate. I have also reviewed and agree to abide by all terms and conditions in the Notice of Funding Opportunity. I further acknowledge that if my department incurs expenses for the grant prior to a contract for these grant funds being signed by DFS and my department, DFS will not be able to reimburse my department for those costs.

Name: Charles J Breen, Jr. Signature:  Date: 11/30/2021



**EXECUTIVE OFFICE OF PUBLIC SAFETY & SECURITY  
DEPARTMENT OF FIRE SERVICES**



**FY22 FIREFIGHTER SAFETY EQUIPMENT GRANT PROGRAM**

**Application Narrative**

**Project Summary**

Please explain all equipment being requested, quantities, and how it will be deployed/managed. Include details on installation, maintenance plans, how cost estimates were obtained, accessories to be included, and any other relevant information.

The Somerville Fire Department is requesting a grant to purchase 8 portable radios, 8 remote speaker microphones as well as various radio features to remain interoperable with other radios within the Boston UASI district, which Somerville Fire is part of. These portable radios will be frontline radios used by members in fire suppression. The cost includes a 3-year service warranty. The cost estimate is from the sales representative from Motorola Solutions and not a radio vendor who sells Motorola radios.

**Project Need**

Please explain the reason grant funding is needed to purchase this equipment and connect it to one of the Purchase Justification options listed in the Notice of Funding Opportunity (i.e. There are 10 firefighters on my department without a compliant second set of turnout gear, my department has one thermal imaging camera which was purchased in 2012 and no longer functions properly, etc.).

This grant would replace at least eight XTS 5000 Motorola portable radios that have been in service since at least 2006. These portable radios are at the end of life. Repairs and replacement parts are no longer being manufactured by Motorola. There are currently twelve XTS 5000 radios still in service. Some of these radios have issues such as broken screen, or missing knobs. The eight Apx6000 portables requested in the grant will help in replacing old radios.





EXECUTIVE OFFICE OF PUBLIC SAFETY & SECURITY  
DEPARTMENT OF FIRE SERVICES  
**FY22 FIREFIGHTER SAFETY EQUIPMENT GRANT PROGRAM**



**Budget Summary Sheet**

Applicant Name: City of Somerville

Max. Award Amount: \$35,000.00

Application Type: Single Department

Application Amount: \$34,896.32

Amount Remaining: \$103.68

Personal Protective Clothing				
Item	Justification for Purchase	Quantity	Unit Cost	Total Cost

**TOTAL COST:**

Personal Protective Equipment				
Item	Justification for Purchase	Quantity	Unit Cost	Total Cost

**TOTAL COST:**

Department Equipment				
Item	Justification for Purchase	Quantity	Unit Cost	Total Cost


**TOTAL COST:**

Communications Equipment				
Item	Justification for Purchase	Quantity	Unit Cost	Total Cost
Individual/Portable Radios	Replacing equipment that is unusable or unrepairable to meet a current NFPA or OSHA standard	8	\$4,362.04	\$34,896.32

**TOTAL COST: \$34,896.32**

Thermal Imaging Cameras				
Item	Justification for Purchase	Quantity	Unit Cost	Total Cost

**TOTAL COST:**

**Rehab Systems**

Item	Justification for Purchase	Quantity	Unit Cost	Total Cost

**TOTAL COST:****Health and Wellness Equipment**

Item	Justification for Purchase	Quantity	Unit Cost	Total Cost

**TOTAL COST:****Training**

Item	Justification for Purchase	Quantity	Unit Cost	Total Cost

## 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:

<b>Agency Name</b>	Somerville Fire Department
<b>Email Address</b>	cbreen@somervillema.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.

<b>Community Name</b>	Somerville		
<b>Project Point of Contact</b>	Christopher Major		
<b>Phone #</b>	617-623-1700 ext 8115	<b>Email</b>	cmajor@somervillema.gov

<b>FFY / Program</b>		<b>Project Costs</b>	\$34,896.32
<b>Project Start Date</b>	1/3/2022	<b>Project End Date</b>	5/31/2022
<b>Investment Name</b>	Portable Radio Grant Investment		
<b>Vendor Quote #</b>	112221		

### Investment Summary (describe your project)

This is a grant request via the FY 2022 Firefighter Safety Equipment Grant Program to replace old portable radios that are PAST life expectancy with current Motorola APX6000 radios that comply with Boston UASI Interoperability requirements.

### Communications Interoperability Problem Description

Somerville Fire Department is part of the Boston UASI District. To comply with the current interoperability requirements via UASI and the Statewide Interoperability plan, we would use the the grant (if awarded) to purchase portable radios that meet these requirements.

### Background Information / Detailed Investment Description

The first round of grant funded portable radios purchased was over 15 years ago. At that time Motorola XTS5000 radios were purchased to ensure interoperability within the UASI region as well as the State. These radios are passed their life expectancy. Although Somerville Fire has purchased radios, both by grant and as municipal investment, there are still some older radios that run as front line suppression radios that must be replaced with newer APX radios.

**Expected Outcomes- Describe the communications interoperability gaps that will be addressed**

If awarded, the grant will assist in keeping current interoperability requirements current.

**SCIP Goals- Identify each SCIP goal (check the box) that this investment will support and describe how that support will be accomplished. The current Massachusetts SCIP can be found here:**

[www.mass.gov/doc/massachusetts-statewide-communication-interoperability-plan-scip-2020](http://www.mass.gov/doc/massachusetts-statewide-communication-interoperability-plan-scip-2020)

Goal		Describe support
	<b>Governance</b>	This will continue resources needed to support and sustain the needs and the evolving mission
	<b>SOP</b>	This will continue to follow the SOP of Interoperability requirements and ease of radio operation. .
	<b>Technology</b>	All members of the Fire Department are familiar with requirements of APX radios and this will continue familiarization of the portable radios.
	<b>Training &amp; Exercise</b>	Training & exercise will continue to be the same.

**Ownership - Identify the proposed owners of all assets procured with this investment.**

Organization	Asset Description
Somerville Fire	Portable Radios, & Remote Speaker Mic

**Usage Plan - Describe the usage plan for the equipment / project**

The portable radios will replace old, out of date, front line portables.



<b>Disciplines- Identify each responder discipline that will enhance its communications interoperability from this investment and describe the interoperability enhancement</b>	
<i>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</i>	
<b>Discipline</b>	<b>Enhancement</b>
All	Continued interoperability with all disciplines

<b>Multi-Jurisdictional Interoperability - All investments must provide interoperability between two or more jurisdictions. Identify each jurisdiction that will achieve interoperability from this investment.</b>
All fire departments within the Metro Fire District 13. All police departments within Boston UASI district. All City of Somerville departments including, DPW, Admin, School Department, Traffic & Parking.

**Following Section will be completed by SIEC:**

<b>REVIEW STATUS</b>	<b>APPROVE</b>	<b>AMEND</b>	<b>DENY</b>
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.