

Town of Colchester
 ARPA Recovery Fund Grant Application

Directions: Please fill in all fields. Once completed, either print and drop off this application to the First Selectman's office located at 127 Norwich Ave, Colchester, CT 06415, or save a copy and email to ARPA@ColchesterCT.gov. If you have questions please email ARPA@ColchesterCT.gov. Please include any additional documentation you feel would help in the application process. Submit only one project per application (submit multiple applications if you have multiple projects).

Important: Applicant must demonstrate that the funding use directly addresses a negative economic impact of the COVID-19 public health emergency.

Applicant Background Information

Applicant Name:	Sean Shoemaker	Date Prepared:	10/27/21
Applicant email:	firechief@colchesterct.gov	Applicant Phone:	860-207-6870
Department / Business / Establishment Name:	Colchester Hayward Fire Department		

Project Details

Project Title:	800 Mhz Radio System Upgrade	Anticipated Start Date:	21/1/2021
Total Funding Request Amount:	\$ 37,500	Anticipated Length of Time to Complete Project:	
On a scale of 1 (Not Urgent) - 10 (Very Urgent), how urgent is this request? Please explain.	6 - These radios are needed as soon as possible to ensure firefighters safety.		

Project Description (How will the funds be used?)

These funds will be used to purchase portable radios and upgrade the current radio system to ensure interoperability with other agencies into the foreseeable future.

10-29-21A11:22 RCVD

Justification (Please describe how your request addresses a negative impact to COVID-19.)

Due to the Covid-19 pandemic, funds for public safety equipment normally purchased through Capital Improvement funding have been limited in order to reduce the financial impact on our citizens. While the limiting of those funds has enabled the town to reduce overall spending the needs of the fire department keep increasing due to continuing community development. This request for funding will be used to replace aging equipment without having to use what is anticipated to be limited capital improvement funds in the foreseeable future.

Briefly explain the positive impact your project will have on the community.

This purchase will be used to upgrade our current radio system to be able to operate on the 800 Mhz spectrum allowing the department to communicate effectively with our mutual aid partners that are in the process of converting to 800 Mhz. While our current UHF radio system provides adequate communication within the Town of Colchester, our system should have a 800 Mhz capability added to ensure continued interoperability into the future.

Describe the impact to your department / business / establishment if ARPA funds are NOT approved.

Not approving this request could greatly impair the ability of the fire department to have vital communications with other agencies in the near future if other funding sources can not be identified and used.

**Budget Overview (How will the ARPA funding be spent?)
(If more room is needed, please attach additional spreadsheet)**

Budgeted Item / Service	Budgeted Amount	Notes
800 Mhz System Upgrade	\$ 37,500	See attached breakdown.
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
	\$	
TOTAL:	\$	

31 August 201

To: Sean Shoemaker
Interim Fire Chief

From: Donald Lee
Deputy Chief

Re: Potential ARPA funding project.

Chief as you may be aware the low band radio spectrum is being abandoned nationally and is no longer being supported by the industry.

Our current communication profile is a combination of UHF frequencies cross banded to a low band VHF frequency in the 33 Mhz. spectrum. If funding is available, now is the time to make the necessary upgrade and technology change that will be required for both intra and inter-operability with state and federal agencies on a national platform.

I am proposing that we that we request the funds that are necessary for the hardware, software and radio equipment upgrades required to cross band the current three site simulcast system to the State of Connecticut 800 Mhz. trunked system. The estimated cost for tower and site upgrades is nineteen thousand five hundred dollars (\$19,500.00) with additional funding for six (6) VP 6000 series 800 Mhz. portable radios at a cost of three thousand dollars (\$3,000.00 each for an addition eighteen thousand dollars (\$18,000.00). The total project cost is estimated at thirty seven thousand five hundred dollars (\$37,500.00).

Respectfully,
DC Lee