

FY2020 BIDDEFORD CAPITAL IMPROVEMENT PROGRAM

FD-01

Project Description Form

Department Fire Dept Program Ballistic vests replacement

Est Total Cost \$ 60,000

Est. Cost FY 2020	\$0	Est Cost FY 2021 - 2024	\$60,000
City Share 2020	\$0	Est City Share FY 2021 - 2024	\$60,000

1. Description of Project

Personnel protective vest are expiring and have reached the end of their life.

2. Need for and Impact of Project

High

3. Consistency with the adopted plans or other related planning documents

4. Years previously on the BIDDCIP; funding received in each of the past five (5) years (if applicable)

FY 2015 \$ 0 FY 2016 \$ 0 FY 2017 \$ 0 FY2018 \$ 0 FY2019 \$ 0

5. New personnel, equipment, or supplies required

6. How project originated and how cost estimates were obtained

7. Any related department or city projects

8. Financing possibilities or potential grants

9. Justification of timing of project and segments (if applicable)

10. Other information

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Project Cost	\$0.00	\$0.00	\$0.00	\$60,000.00	\$0.00
Non City Share	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Share	\$0.00	\$0.00	\$0.00	\$60,000.00	\$0.00

FY2020 BIDDEFORD CAPITAL IMPROVEMENT PROGRAM

FD-02

Project Description Form

Department Fire Dept Program Eastern Fire Station

Est Total Cost \$ 2,300,000

Est. Cost FY 2020	\$0	Est Cost FY 2021 - 2024	\$2,300,000
City Share 2020	\$0	Est City Share FY 2021 - 2024	\$0

1. Description of Project

This station would have an engine and an ambulance staffed to serve the coastal area as well as all other response areas. We would propose that this station be build into a UNE owned structure, allowing for a more cost effective plan. This building could house FD, PD and UNE security and UNE EMS staff. Additionally there may also be other creative was to more effectively use this building such as a collaboration with the Biddeford School Department with a student fire and ems program or though some sort of private business public partnership. At this time we have not put together exact project cost because of the complexity of the project. This station and staff at this location would allow us to reduce the large response time that we have to our coastal areas and allow for us to staff a needed third ambulance.

2. Need for and Impact of Project

The call volume continues to increase, service needs to be expanded to the coastal areas, and a third ambulance needs to be staffed.

3. Consistency with the adopted plans or other related planning documents

4. Years previously on the BIDDCIP; funding received in each of the past five (5) years (if applicable)

FY 2015 \$ 0 FY 2016 \$ 0 FY 2017 \$ 0 FY2018 \$ 0 FY2019 \$ 0

5. New personnel, equipment, or supplies required

Eight additional staff would need to be added to bring the minimum shift staffing to ten. This staffing could be accomplished through hiring staff, or a combination of increased overtime and hiring additional staff.

6. How project originated and how cost estimates were obtained

7. Any related department or city projects

8. Financing possibilities or potential grants

AFG, Bonding

9. Justification of timing of project and segments (if applicable)

Current need for service expansion.

10. Other information

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Project Cost	\$0.00	\$1,300,000.00	\$1,000,000.00	\$0.00	\$0.00
Non City Share	\$0.00	\$1,300,000.00	\$1,000,000.00	\$0.00	\$0.00
City Share	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

FY2020 BIDDEFORD CAPITAL IMPROVEMENT PROGRAM

FD-03

Project Description Form

Department Fire Dept Program EMS CPR Compression Device

	Est Total Cost	\$ 40,000	
Est. Cost FY 2020	\$40,000	Est Cost FY 2021 - 2024	\$0
City Share 2020	\$40,000	Est City Share FY 2021 - 2024	\$0

1. Description of Project

This is a mechanical device that will be attached to patients that are in cardiac arrest that will deliver chest compressions. This device will deliver compressions at a uniformed rate consistently to the patient allowing personnel to work on other needed medical interventions. Additionally this device will improve on responder safety, often responders need to perform CPR compressions in positions that are not safe such as driving down the road in the back of ambulance. This device would allow this to not have to be done. In addition CPR compressions could now be performed if needed while moving the patient, such as down a flight of stairs.

2. Need for and Impact of Project

This device will improve on responder safety and allow for better patient care and treatment for patients in cardiac arrest.

3. Consistency with the adopted plans or other related planning documents

4. Years previously on the BIDDCIP; funding received in each of the past five (5) years (if applicable)

FY 2015 \$ 0 FY 2016 \$ 0 FY 2017 \$ 0 FY2018 \$ 0 FY2019 \$ 0

5. New personnel, equipment, or supplies required

6. How project originated and how cost estimates were obtained

From local dealer

7. Any related department or city projects

8. Financing possibilities or potential grants

9. Justification of timing of project and segments (if applicable)

10. Other information

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Project Cost	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Non City Share	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Share	\$40,000.00	\$0.00	\$0.00	\$0.00	\$0.00

FY2020 BIDDEFORD CAPITAL IMPROVEMENT PROGRAM

FD-04

Project Description Form

Department Fire Dept Program EMS Equipment

Est Total Cost \$ 118,000

Est. Cost FY 2020	\$0	Est Cost FY 2021 - 2024	\$118,000
City Share 2020	\$0	Est City Share FY 2021 - 2024	\$118,000

1. Description of Project

Replacement program for EMS stretchers, stair chair, cardiac monitors. All three of our ambulances and our front line fire apparatus have cardiac monitors. These monitors are computers that get used often and need to be on a replacement plan to stay up with the latest technology and most advanced patient care. Monitors are circulated from ambulances to fire apparatus as they are replaced. This program would allow a cardiac monitor to be in service for about 18 years before it is taken out of service. EMS stretchers and stair chairs take a lot of abuse and need constant maintenance and repairs. This program would allow a stretcher and stair chair to be in service for 9 years before being taken out of service.

2. Need for and Impact of Project

This type of equipment needs to be on a replacement plan. Our newest stair chair and stretcher is currently 3 years old and our newest cardiac monitor is 3 years old.

3. Consistency with the adopted plans or other related planning documents

4. Years previously on the BIDDCIP; funding received in each of the past five (5) years (if applicable)

FY 2015 \$ 0 FY 2016 \$ 0 FY 2017 \$ 0 FY2018 \$ 0 FY2019 \$ 0

5. New personnel, equipment, or supplies required

6. How project originated and how cost estimates were obtained

Stryker, physio sales.

7. Any related department or city projects

8. Financing possibilities or potential grants

9. Justification of timing of project and segments (if applicable)

This equipment is currently at its replacement time according to the plan

10. Other information

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Project Cost	\$0.00	\$59,000.00	\$0.00	\$0.00	\$59,000.00
Non City Share	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Share	\$0.00	\$59,000.00	\$0.00	\$0.00	\$59,000.00

FY2020 BIDDEFORD CAPITAL IMPROVEMENT PROGRAM

FD-05

Project Description Form

Department Fire Dept Program EMS stretcher power lift assist

	Est Total Cost	\$ 80,000	
Est. Cost FY 2020	\$80,000	Est Cost FY 2021 - 2024	\$0
City Share 2020	\$80,000	Est City Share FY 2021 - 2024	\$0

1. Description of Project

This project would allow us to have an EMS stretcher power lift for each of our ambulances. These lifts assist our EMS providers when loading patients into the back of the ambulance. Currently our providers need to physically lift the stretcher with the patient on it into the ambulance. This is often extremely difficult depending on the weight of the patient and the grade of the area that the ambulance is parked on.

2. Need for and Impact of Project

This device will improve on provider safety and decrease injury to our personnel.

3. Consistency with the adopted plans or other related planning documents

4. Years previously on the BIDDCIP; funding received in each of the past five (5) years (if applicable)

FY 2015 \$ 0 FY 2016 \$ 0 FY 2017 \$ 0 FY2018 \$ 0 FY2019 \$ 0

5. New personnel, equipment, or supplies required

6. How project originated and how cost estimates were obtained

From local dealer

7. Any related department or city projects

8. Financing possibilities or potential grants

Safety works

9. Justification of timing of project and segments (if applicable)

10. Other information

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Project Cost	\$80,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Non City Share	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Share	\$80,000.00	\$0.00	\$0.00	\$0.00	\$0.00

FY2020 BIDDEFORD CAPITAL IMPROVEMENT PROGRAM

FD-06

Project Description Form

Department Fire Dept Program Ocean Rescue Boat

	Est Total Cost	\$ 25,000	
Est. Cost FY 2020	\$25,000	Est Cost FY 2021 - 2024	\$0
City Share 2020	\$25,000	Est City Share FY 2021 - 2024	\$0

1. Description of Project

We have been without a rescue boat for the ocean since our old boat was put out of service three years ago. Currently Saco Fire is responding to our ocean water calls, but we have always strived for a two boat response between Biddeford and Saco for safety. The harbor master has been working on surplus options for a replacement boat for a few years, but has not been able to find a boat that works for us. This is a complex issue that the councils from both cities have been discussing for a number of years which has had much political opinion. Each year we are called to an average of 24 to 30 boat responses. Our boat launch at Marblehead is one of the busiest in the state and Coast Guard Response is delayed. Many of our citizen recreate on the water. This would be a smaller boat then Saco's that would allow us coastal and island response and would work in combination with Saco's boat allowing access to areas that their boat cannot reach. Additionally it would designed to allow us to deploy rescue swimmers and to retrieve victims in the water.

2. Need for and Impact of Project

3. Consistency with the adopted plans or other related planning documents

4. Years previously on the BIDDCIP; funding received in each of the past five (5) years (if applicable)

FY 2015 \$ 0 FY 2016 \$ 0 FY 2017 \$ 0 FY2018 \$ 0 FY2019 \$ 0

5. New personnel, equipment, or supplies required

Radios, radar, GPS, other marine electronics, emergency lighting, search lighting

6. How project originated and how cost estimates were obtained

7. Any related department or city projects

8. Financing possibilities or potential grants

AFG, surplus options

9. Justification of timing of project and segments (if applicable)

10. Other information

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Project Cost	\$25,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Non City Share	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Share	\$25,000.00	\$0.00	\$0.00	\$0.00	\$0.00

FY2020 BIDDEFORD CAPITAL IMPROVEMENT PROGRAM

FD-07

Project Description Form

Department Fire Dept Program Portable radio replacement

	Est Total Cost	\$ 20,000	
Est. Cost FY 2020	\$20,000	Est Cost FY 2021 - 2024	\$0
City Share 2020	\$20,000	Est City Share FY 2021 - 2024	\$0

1. Description of Project

This project would replace 30 of our portable radios that are between 15 and 25 years old. These radios are at the end of their life. The 30 radios that are being replaced are made up of many different models that do not operate the same, additionally we do not have the programming software for these which lead to costly programming updates when required. The new radios would be able to be programmed by our department. I would like to have this project purchase 30 motorola 451 portables, chargers, and speaker mics that are the same style of radio that we purchased a few years ago through CIP, this would be the second phase of the purchase that is needed to get all of our portable radios updated and the same.

2. Need for and Impact of Project

This device will effect fit testing for FD, PD, and DPW.

3. Consistency with the adopted plans or other related planning documents

4. Years previously on the BIDDCIP; funding received in each of the past five (5) years (if applicable)

FY 2015 \$ 0 FY 2016 \$ 0 FY 2017 \$ 0 FY2018 \$ 0 FY2019 \$ 0

5. New personnel, equipment, or supplies required

6. How project originated and how cost estimates were obtained

Dealer

7. Any related department or city projects

8. Financing possibilities or potential grants

AFG/ Safety works

9. Justification of timing of project and segments (if applicable)

10. Other information

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Project Cost	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Non City Share	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Share	\$20,000.00	\$0.00	\$0.00	\$0.00	\$0.00

FY2020 BIDDEFORD CAPITAL IMPROVEMENT PROGRAM

FD-08

Project Description Form

Department Fire Dept Program Respirator fit testing machine

	Est Total Cost	\$ 10,000	
Est. Cost FY 2020	\$10,000	Est Cost FY 2021 - 2024	\$0
City Share 2020	\$10,000	Est City Share FY 2021 - 2024	\$0

1. Description of Project

This device is used for required annual fit testing that is mandated by Maine Safety Works (OSHA). This new device will replace a device that is over 15 years old that was originally purchased as a mutual community device that was used for just fire departments. All of the communities that were involved in the original purchase have now purchased their own devices. Today we are not only fit testing FD personnel, we are also fit testing PD and DPW personnel that require it.

2. Need for and Impact of Project

This device will effect fit testing for FD, PD, and DPW.

3. Consistency with the adopted plans or other related planning documents

4. Years previously on the BIDDCIP; funding received in each of the past five (5) years (if applicable)

FY 2015 \$ 0 FY 2016 \$ 0 FY 2017 \$ 0 FY2018 \$ 0 FY2019 \$ 0

5. New personnel, equipment, or supplies required

6. How project originated and how cost estimates were obtained

From local dealer

7. Any related department or city projects

8. Financing possibilities or potential grants

Safety works

9. Justification of timing of project and segments (if applicable)

10. Other information

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Project Cost	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Non City Share	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Share	\$10,000.00	\$0.00	\$0.00	\$0.00	\$0.00

FY2020 BIDDEFORD CAPITAL IMPROVEMENT PROGRAM

FD-09

Project Description Form

Department Fire Dept Program Thermal Imagers

	Est Total Cost	\$ 18,000	
Est. Cost FY 2020	\$18,000	Est Cost FY 2021 - 2024	\$0
City Share 2020	\$18,000	Est City Share FY 2021 - 2024	\$0

1. Description of Project

We currently have three thermal images. In 2019 our oldest one would be 13 years old. We need to replace this unit as it's comes to the end of its life span. These are complex computers that are constantly improving. These cameras provide the best chance for us to find victims that may be trapped in a fire and to find hidden fire within a structure. Additionally the newest camera we have will be 5 years old and we would like to strive to have a camera for each company operating at the fire scene.

2. Need for and Impact of Project

Camera is at the end of its life span.

3. Consistency with the adopted plans or other related planning documents

These cameras need to be rotated to offer the latest technology.

4. Years previously on the BIDDCIP; funding received in each of the past five (5) years (if applicable)

FY 2015 \$ 0 FY 2016 \$ 0 FY 2017 \$ 0 FY2018 \$ 0 FY2019 \$ 0

5. New personnel, equipment, or supplies required

6. How project originated and how cost estimates were obtained

Northeast Fire Equipment

7. Any related department or city projects

8. Financing possibilities or potential grants

AFG

9. Justification of timing of project and segments (if applicable)

Product life expectancy, additional effectiveness of crews operating.

10. Other information

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Total Project Cost	\$18,000.00	\$0.00	\$0.00	\$0.00	\$0.00
Non City Share	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
City Share	\$18,000.00	\$0.00	\$0.00	\$0.00	\$0.00