# 2019 Capital Improvement Budget Fire Department (in thousands)

| Projects  | Bonds | State | Federal | Other | Total |
|---|-------|-------|---------|-------|-------|
| Decontamination and Rehabilitation Vehicle  | 250   | -     | -       | -     | 250   |
| Fire Air Resources Equipment Replacement  | 750   | -     | -       | 226   | 976   |
| Fire Ambulance Replacement  | 1,050 | -     | -       | -     | 1,050 |
| Fire Engine Replacement   | 800   | -     | -       | -     | 800   |
| Fire Ladder Truck Replacement   | 1,400 | -     | -       | -     | 1,400 |
| Fire Lifepack 12 Cardiac Monitors the Lucas CPR Chest Compression Systems Replacement | 280   | -     | -       | -     | 280   |
| Total   | 4,530 | -     | -       | 226   | 4,756 |

# 2019 - 2024 Capital Improvement Program Fire Department

(in thousands)

| rojects   | Year | Bonds | State | Federal | Other | Total |
|---|------|-------|-------|---------|-------|-------|
| Anchorage Fire  |      |       |       |         |       |       |
| Decontamination and Rehabilitation Vehicle  | 2019 | 250   | -     | -       | -     | 250   |
| Fire Air Resources Equipment Replacement  | 2019 | 750   | -     | -       | 226   | 976   |
|   | 2020 | 750   | -     | -       | -     | 750   |
|   | 2021 | 750   | -     | -       | -     | 750   |
|   |      | 2,250 | -     | -       | 226   | 2,476 |
| Fire Engine Replacement   | 2019 | 800   | -     | -       | -     | 800   |
|   | 2020 | 2,500 | -     | -       | -     | 2,500 |
|   | 2021 | 1,600 | -     | -       | -     | 1,600 |
|   | 2022 | 800   | -     | -       | -     | 800   |
|   | 2023 | 800   | -     | -       | -     | 800   |
|   | 2024 | 1,600 | -     | -       | -     | 1,600 |
|   |      | 8,100 | -     | -       | -     | 8,100 |
| Fire Ladder Truck Replacement   | 2019 | 1,400 | -     | -       | -     | 1,400 |
|   | 2022 | 1,400 | -     | -       | -     | 1,400 |
|   | _    | 2,800 | -     | -       | -     | 2,800 |
| Fire Water Tender Replacement   | 2021 | 425   | -     | -       | -     | 425   |
|   | 2022 | 425   | -     | -       | -     | 425   |
|   |      | 850   | -     | -       | -     | 850   |
| HAZMAT Response Vehicle   | 2023 | 1,000 | -     | -       | -     | 1,000 |
| Shop Expansion  | 2020 | 4,000 | -     | -       | -     | 4,000 |
| Emergency Medical Services  |      |       |       |         |       |       |
| Fire Ambulance Replacement  | 2019 | 1,050 | -     | -       | -     | 1,050 |
|   | 2020 | 700   | -     | -       | -     | 700   |
|   | 2021 | 1,050 | -     | -       | -     | 1,050 |
|   | 2022 | 700   | -     | -       | -     | 700   |
|   | 2023 | 1,050 | -     | -       | -     | 1,050 |
|   | 2024 | 700   | -     | -       | -     | 700   |
|   |      | 5,250 | -     | -       | -     | 5,250 |
| Fire Lifepack 12 Cardiac Monitors the<br>Lucas CPR Chest Compression<br>Systems Replacement | 2019 | 280   | -     | -       | -     | 280   |
|   | 2020 | 290   | -     | -       | -     | 290   |
|   | 2021 | 300   | -     | -       | -     | 300   |
|   | 2022 | 310   | -     | -       | -     | 310   |
|   | 2023 | 310   | -     | -       | -     | 310   |

# 2019 - 2024 Capital Improvement Program Fire Department

(in thousands)

| Projects  | Year  | Bonds  | State | Federal | Other | Total  |
|---|-------|--------|-------|---------|-------|--------|
| Fire Lifepack 12 Cardiac Monitors the<br>Lucas CPR Chest Compression<br>Systems Replacement | 2024  | 310    | -     | -       | -     | 310    |
|   |       | 1,800  | -     | -       | -     | 1,800  |
|   | Total | 26,300 | -     | -       | 226   | 26,526 |

## **Decontamination and Rehabilitation Vehicle**

Project ID FD2019005 Department Fire

Project Type Replacement Start Date May 2019

**Location** End Date December 2020

#### Description

This project is to replace the Decontamination and Rehabilitation Vehicle in accordance with Anchorage Fire Department's (AFD) apparatus replacement schedule. The AFD has a replacement schedule that follows national standards for replacement of front line fire apparatus. Vehicles typically have a lifespan of 15 years or 150,000 miles. The Municipality is requesting funding to replace one (1) Decontamination and Rehabilitation Vehicle.

|                    |  | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | Total |
|--------------------|--|------|------|------|------|------|------|-------|
| Revenue Sources    | Fund   |      |      |      |      |      |      |       |
| Bond Sale Proceeds | 431100 -<br>Anchorage<br>Fire SA CIP<br>Bond | 250  | -    | -    | -    | -    | -    | 250   |
| Total (            | (in thousands)                               | 250  | -    | -    | -    | -    | -    | 250   |

# Fire Air Resources Equipment Replacement

**Project ID** AFD2015001 Department Fire

**Project Type** Upgrade **Start Date** May 2017

Location Assembly: Areawide, HD 50: Anchorage **End Date** December 2018

Areawide, Community: Anchorage Fire

Service Area

#### Description

This project would replace the entire inventory of Self-Contained Breathing Apparatus (SCBAs) for Anchorage Fire Department (AFD) and replace the air compressors required to support the equipment. The AFD seeks SCBAs that provide reliable in-mask communications and comply with the current national standards. The AFD has \$226,000 that is intended as a contribution to the funding of this project.

|                                   |   | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | Total |
|-----------------------------------|---|------|------|------|------|------|------|-------|
| Revenue Sources                   | Fund  |      |      |      |      |      |      |       |
| Contributions from<br>Other Funds | 431800 -<br>Anchorage<br>Fire SA CIP<br>Contributions | 226  | -    | -    | -    | -    | -    | 226   |
| Bond Sale Proceeds                | 431100 -<br>Anchorage<br>Fire SA CIP<br>Bond          | 750  | 750  | 750  | -    | -    | -    | 2,250 |
| Total (                           | (in thousands)  | 976  | 750  | 750  | -    | -    | -    | 2,476 |

# Fire Ambulance Replacement

Project ID AFD07008 Department Fire

Project Type Replacement Start Date May 2018

Location Assembly: Areawide, HD 50: Anchorage End Date December 2018

Areawide, Community: Areawide

#### Description

Programmed replacement of Areawide Emergency Medical Service (EMS) Medical Intensive Care Unit (MICU) ambulances to provide basic and advanced life support services and transport patients throughout the Municipality of Anchorage. Replace MICU ambulances in accordance with the Anchorage Fire Department's (AFD) vehicle replacement plan. Ambulances are heavily used and incur high levels of mileage. Ambulances are replaced approximately every 7 years.

| Version | 2019 | Proposed |
|---------|------|----------|
|---------|------|----------|

|                    |   | 2019  | 2020 | 2021  | 2022 | 2023  | 2024 | Total |
|--------------------|---|-------|------|-------|------|-------|------|-------|
| Revenue Sources    | Fund  |       |      |       |      |       |      |       |
| Bond Sale Proceeds | 401100 -<br>Areawide<br>General CIP<br>Bond | 1,050 | 700  | 1,050 | 700  | 1,050 | 700  | 5,250 |
| Total (            | in thousands)                               | 1,050 | 700  | 1,050 | 700  | 1,050 | 700  | 5,250 |

## **Fire Engine Replacement**

Project ID AFD07011 Department Fire

Project Type Replacement Start Date May 2017

Location Assembly: Areawide, HD 50: Anchorage End Date December 2018

Areawide, Community: Anchorage Fire

Service Area

#### **Description**

This project is to replace Fire Engine(s) in accordance with Anchorage Fire Department's (AFD) apparatus replacement schedule. The AFD has a replacement schedule that follows national standards for replacement of front line fire apparatus. The Engine Company is the most common apparatus in the fleet and carries a pump, water tank, and fire hose. It responds to all types of emergencies including fires and medical emergencies. Engine Companies typically have a lifespan of 15 years or 150,000 miles. The Municipality is requesting funding to replace two (2) Engine Companies in 2019 and three (3) Engine Companies in 2021 that may include tools, equipment and fire hose.

|                    |  | 2019 | 2020  | 2021  | 2022 | 2023 | 2024  | Total |
|--------------------|--|------|-------|-------|------|------|-------|-------|
| Revenue Sources    | Fund   |      |       |       |      |      |       |       |
| Bond Sale Proceeds | 431100 -<br>Anchorage<br>Fire SA CIP<br>Bond | 800  | 2,500 | 1,600 | 800  | 800  | 1,600 | 8,100 |
| Total (            | (in thousands)                               | 800  | 2,500 | 1,600 | 800  | 800  | 1,600 | 8,100 |

# Fire Ladder Truck Replacement

Project ID AFD07018 Department Fire

Project Type Replacement Start Date May 2018

**Location** Assembly: Areawide, HD 50: Anchorage **End Date** December 2018

Areawide, Community: Anchorage Fire

Service Area

#### Description

This project is to replace front line ladder truck companies in accordance the Anchorage Fire Department's (AFD) apparatus replacement schedule.

The AFD has a replacement schedule that follows national standards for replacement of front line fire apparatus. The truck company carries a ladder, pump and hose. It responds to all types of emergencies including fire and medical emergencies.

|                    |  | 2019  | 2020 | 2021 | 2022  | 2023 | 2024 | Total |
|--------------------|--|-------|------|------|-------|------|------|-------|
| Revenue Sources    | Fund   |       |      |      |       |      |      |       |
| Bond Sale Proceeds | 431100 -<br>Anchorage<br>Fire SA CIP<br>Bond | 1,400 | -    | -    | 1,400 | -    | -    | 2,800 |
| Total (            | (in thousands)                               | 1,400 | -    | -    | 1,400 | -    | -    | 2,800 |

# Fire Lifepack 12 Cardiac Monitors the Lucas CPR Chest Compression Systems Replacement

Project ID AFD07022 Department Fire

Project Type Replacement Start Date May 2018

Location Assembly: Areawide, HD 50: Anchorage End Date December 2021

Areawide, Community: Areawide

#### Description

Areawide Emergency Medical Service (EMS) replacement of five (5) LifePack 12 cardiac monitors with new upgraded units and five (5) Lucas Cardiopulmonary Resuscitation (CPR) Chest Compression Systems for the Anchorage Fire Department (AFD).

|                    |   | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | Total |
|--------------------|---|------|------|------|------|------|------|-------|
| Revenue Sources    | Fund  |      |      |      |      |      |      |       |
| Bond Sale Proceeds | 401100 -<br>Areawide<br>General CIP<br>Bond | 280  | 290  | 300  | 310  | 310  | 310  | 1,800 |
| Total (            | (in thousands)                              | 280  | 290  | 300  | 310  | 310  | 310  | 1,800 |

# **Fire Water Tender Replacement**

Project ID AFD07023 Department Fire

Project Type Replacement Start Date May 2020

**Location** Assembly: Areawide, HD 50: Anchorage **End Date** December 2020

Areawide, Community: Anchorage Fire

Service Area

## Description

This project is to replace water tenders. Water tenders are used to shuttle water to areas without fire hydrants.

|                    |  | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | Total |
|--------------------|--|------|------|------|------|------|------|-------|
| Revenue Sources    | Fund   |      |      |      |      |      |      |       |
| Bond Sale Proceeds | 431100 -<br>Anchorage<br>Fire SA CIP<br>Bond | -    | -    | 425  | 425  | -    | -    | 850   |
| Total (            | (in thousands)                               | -    | -    | 425  | 425  | -    | -    | 850   |

# **HAZMAT Response Vehicle**

Project ID FD2019001 Department Fire

Project Type Replacement Start Date May 2023

**Location** End Date December 2024

#### Description

This project is to replace the hazardous materials (HAZMAT) Response Vehicle in accordance with Anchorage Fire Department's (AFD) apparatus replacement schedule. The AFD has a replacement schedule that follows national standards for replacement of front line fire apparatus. Front line Fire Apparatus typically have a lifespan of 20 years or 150,000 miles. The Municipality is requesting funding to replace one (1) HAZMAT Response Vehicle.

|                    |  | 2019 | 2020 | 2021 | 2022 | 2023  | 2024 | Total |
|--------------------|--|------|------|------|------|-------|------|-------|
| Revenue Sources    | Fund   |      |      |      |      |       |      |       |
| Bond Sale Proceeds | 431100 -<br>Anchorage<br>Fire SA CIP<br>Bond | -    | -    | -    | -    | 1,000 | -    | 1,000 |
| Total (            | (in thousands)                               | -    | -    | -    | -    | 1,000 | -    | 1,000 |

# **Shop Expansion**

Project ID FD2019006 Department Fire

Project Type Improvement Start Date May 2020

Location End Date

#### Description

This would be an addition on to the existing shop, providing additional bays.

#### Comments

Need bays to enable us to work on large apparatus, for example the tiller. Would reduce the congestion of the shop so staff could be working on multiple units at a time.

|                      |  | 2019 | 2020  | 2021 | 2022 | 2023 | 2024 | Total |
|----------------------|--|------|-------|------|------|------|------|-------|
| Revenue Sources      | Fund   |      |       |      |      |      |      |       |
| Bond Sale Proceeds   | 431100 -<br>Anchorage<br>Fire SA CIP<br>Bond | -    | 4,000 | -    | -    | -    | -    | 4,000 |
| Total (in thousands) |  | -    | 4,000 | -    | -    | -    | -    | 4,000 |