# 2018 Capital Improvement Budget Fire Department (in thousands)

Projects	Bonds	State	Federal	Other	Total
Communications Radio Replacement	1,500	-	-	-	1,500
Fire Ladder Truck Replacement	1,000	-	-	-	1,000
Fire Lifepack 12 Cardiac Monitors & Lucas CPR Chest Compression Systems Replacement	270	-	-	-	270
Fire New Ambulance Purchase	700	-	-	-	700
Fire Staff Vehicle Replacement	-	-	-	290	290
Total	3,470	-	-	290	3,760

# 2018 - 2023 Capital Improvement Program Fire Department

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
Anchorage Fire						
Communications Radio Replacement	2018	1,500	-	-	-	1,500
Fire Air Resources Equipment Replacement	2020	2,500	-	-	226	2,726
Fire Engine Replacement	2019	1,600	-	-	-	1,600
	2021	2,500	-	-	-	2,500
		4,100	-	-	-	4,100
Fire Ladder Truck Replacement	2018	1,000	-	-	-	1,000
Fire New Ambulance Purchase	2018	700	-	-	-	700
Fire Staff Vehicle Replacement	2018	-	-	-	290	290
	2019	-	-	-	210	210
	2020	-	-	-	190	190
	2021	-	-	-	300	300
	2022	-	-	-	220	220
	_	-	-	-	1,210	1,210
Fire Water Tender Replacement	2020	850	-	-	-	850
Emergency Medical Services						
Fire Ambulance Replacement	2019	1,050	-	-	-	1,050
	2020	700	-	-	-	700
	2021	1,050	-	-	-	1,050
	2022	700	-	-	-	700
	_	3,500	-	-	-	3,500
Fire Lifepack 12 Cardiac Monitors & Lucas CPR Chest Compression Systems Replacement	2018	270	-	-	-	270
	2019	280	-	-	-	280
	2020	290	-	-	-	290
	2021	300	-	-	-	300
	<u> </u>	1,140	-	-	-	1,140
	Total	15,290	-	-	1,436	16,726

# **Communications Radio Replacement**

Project ID FD2018001 Department Fire

Project Type Replacement Start Date May 2018

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

Areawide, Community: Areawide

#### Description

This is to replace our current radios that given their age are no longer supported by the vendor. New ones would be water proof, impact resistant and rated for structural fire fighting. This would fund replacement of 230 hand-held portable radios.

		2018	2019	2020	2021	2022	2023	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	1,500	-	-	-	-	-	1,500
Total (	(in thousands)	1,500	-	-	-	-	-	1,500

# 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 and replace the air compressors required to support the equipment. The fire department seeks SCBA's that provide reliable in-mask communications and comply with the current national standards. The AFD has \$226,000 that is intended as a match to the funding of this project.

		2018	2019	2020	2021	2022	2023	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	-	2,500	-	-	-	2,500
Contributions from Other Funds	431800 - Anchorage Fire SA CIP Contributions	-	-	226	-	-	-	226
Total (	(in thousands)	-	-	2,726	-	-	-	2,726

# 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 EMS 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 department's vehicle replacement plan. Ambulances are heavily used and incur high levels of mileage. Ambulances are replaced approximately every 7 years.

		2018	2019	2020	2021	2022	2023	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	-	1,050	700	1,050	700	-	3,500
Total (	(in thousands)	-	1,050	700	1,050	700	-	3,500

# **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 AFD's 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.

		2018	2019	2020	2021	2022	2023	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,600	-	2,500	-	-	4,100
Total (	(in thousands)	-	1,600	-	2,500	-	-	4,100

# Fire Ladder Truck Replacement

**Project ID** AFD07018 Department Fire

**Project Type Start Date** May 2018 Replacement

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 AFD's 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.

		2018	2019	2020	2021	2022	2023	Total
Revenue Sources	Fund	,		1	'			
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	1,000	-	-	-	-	-	1,000
Total (	(in thousands)	1,000	-	-	-	-	-	1,000

# Fire Lifepack 12 Cardiac Monitors & 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

Area wide EMS replacement of five (5) LifePack 12 cardiac monitors with new upgraded units and five (5) Lucas CPR Chest Compression Systems for AFD.

		2018	2019	2020	2021	2022	2023	Total
Revenue Sources	Fund	,	,	,	,	,		
Bond Sale Proceeds	401100 - Areawide General CIP Bond	270	280	290	300	-	-	1,140
Total (	(in thousands)	270	280	290	300	-	-	1,140

#### **Fire New Ambulance Purchase**

Project ID FD2017002 Department Fire

Project Type New Start Date May 2017

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

Areawide, Community: Areawide

#### Description

Acquisition of two (2) new Areawide EMS Ambulances to provide Basic Life Support services and transport patients throughout the Municipality of Anchorage. Ambulances are heavily used and incur high levels of mileage. The ongoing Operations & Maintenance cost of these two new ambulances are included in the 2018 Proposed General Government operating budget.

		2018	2019	2020	2021	2022	2023	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	700	-	-	-	-	-	700
Total (	(in thousands)	700	-	-	-	-	-	700

# Fire Staff Vehicle Replacement

Project ID AFD07009 Department Fire

Project Type Replacement Start Date January 2017

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

Service Area

#### Description

Programmed replacement of staff and specialty teams (e.g., Rehab van / watercraft) vehicles. This would allow for replacement of vehicles that have excessive mileage, suffer from unreliable performance, and have repairs that exceed the value of the vehicle. The criteria for determining the future replacement of vehicles is if they have over 150K miles or are over 15 years old or best meet operational needs of specialty teams.

		2018	2019	2020	2021	2022	2023	Total
Revenue Sources	Fund							
Contributions from Other Funds	431800 - Anchorage Fire SA CIP Contributions	290	210	190	300	220	-	1,210
Total	(in thousands)	290	210	190	300	220	-	1,210

# **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 areas without fire hydrants.

		2018	2019	2020	2021	2022	2023	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	-	850	-	-	-	850
Total (	(in thousands)	-	-	850	-	-	-	850