

2016 Capital Improvement Budget Fire Department

(in thousands)

Projects	Bonds	State	Federal	Other	Total
Fire Ambulance Replacement	900	-	-	-	900
Fire Engine Heavy Rescue Replacement	900	-	-	-	900
Fire Lifepack 12 Cardiac Monitors Replacement	165	-	-	-	165
Total	1,965	-	-	-	1,965

2016 - 2021 Capital Improvement Program Fire Department

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
Anchorage Fire						
Fire Air Resources Equipment Replacement	2017	2,300	-	-	326	2,626
Fire Engine Heavy Rescue Replacement	2016	900	-	-	-	900
Fire Engine Replacement	2017	2,200	-	-	-	2,200
	2019	2,400	-	-	-	2,400
	2021	2,500	-	-	-	2,500
		7,100	-	-	-	7,100
Fire Ladder Truck Replacement	2018	1,800	-	-	-	1,800
Fire Staff Vehicle Replacement	2017	300	-	-	-	300
Fire Water Tender Replacement	2020	850	-	-	-	850
Emergency Medical Services						
Fire Ambulance Replacement	2016	900	-	-	-	900
	2017	650	-	-	-	650
	2018	900	-	-	-	900
	2019	700	-	-	-	700
	2020	900	-	-	-	900
	2021	720	-	-	-	720
		4,770	-	-	-	4,770
Fire Lifepack 12 Cardiac Monitors Replacement	2016	165	-	-	-	165
	2017	95	-	-	-	95
	2018	95	-	-	-	95
	2019	95	-	-	-	95
	2020	95	-	-	-	95
		545	-	-	-	545
Total		18,565	-	-	326	18,891

Fire Air Resources Equipment Replacement

Project ID	AFD2015001	Department	Fire
Project Type	Upgrade	Start Date	May 2017
Location		End Date	December 2018

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 \$326,000 that is intended as a match to the funding of this project.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	-	2,300	-	-	-	-	2,300
Contributions from Other Funds	401800 - Areawide General CIP Contributions	-	326	-	-	-	-	326
Total (in thousands)		-	2,626	-	-	-	-	2,626

Fire Ambulance Replacement

Project ID	AFD07008	Department	Fire
Project Type	Replacement	Start Date	May 2016
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Areawide	End Date	

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.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	900	650	900	700	900	720	4,770
	Total (in thousands)	900	650	900	700	900	720	4,770

Fire Engine Heavy Rescue Replacement

Project ID	FD2016001	Department	Fire
Project Type	Replacement	Start Date	June 2016
Location		End Date	December 2017

Description

AFD wishes to replace the current heavy rescue vehicle which has been placed in reserve status. A heavy rescue vehicle is a type of specialty fire service apparatus designed to provide specialized equipment necessary for technical rescue situations such as vehicle extrication, building collapses, confined space rescue, rope rescues and swiftwater rescues. They carry an array of special equipment such as the extrication equipment (Jaws of Life), wooden cribbing, generators, winches, hi-lift jacks, cutting torches, circular saws and other forms of heavy equipment unavailable on standard trucks. This capability differentiates them from traditional pumper trucks or ladder trucks designed primarily to carry firefighters and their entry gear as well as on-board water tanks, hoses and equipment for fire extinguishing and light rescue. Heavy rescue vehicles do not have water tanks and pumps.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	900	-	-	-	-	-	900
Total (in thousands)		900	-	-	-	-	-	900

Fire Engine Replacement

Project ID	AFD07011	Department	Fire
Project Type	Replacement	Start Date	May 2015
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Anchorage Fire Service Area	End Date	

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 three Engine Companies in 2015, and may include tools, equipment and fire hose.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	2,200	-	2,400	-	2,500	7,100
Total (in thousands)		-	2,200	-	2,400	-	2,500	7,100

Fire Ladder Truck Replacement

Project ID	AFD07018	Department	Fire
Project Type	Replacement	Start Date	May 2016
Location		End Date	

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.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	-	1,800	-	-	-	1,800
Total (in thousands)		-	-	1,800	-	-	-	1,800

Fire Lifepack 12 Cardiac Monitors Replacement

Project ID	AFD07022	Department	Fire
Project Type	Replacement	Start Date	May 2016
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Areawide	End Date	December 2016

Description

Area wide EMS replacement of five (5) LifePack 12 cardiac monitors with new upgraded units for AFD.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	165	95	95	95	95	-	545
	Total (in thousands)	165	95	95	95	95	-	545

Fire Staff Vehicle Replacement

Project ID	AFD07009	Department	Fire
Project Type	Replacement	Start Date	May 2017
Location	Assembly: Areawide, HD 50: Anchorage Areawide, Community: Areawide	End Date	December 2018

Description

Programmed replacement of staff vehicles. This would allow for replacement of staff vehicles that have excessive mileage, suffer from unreliable performance, and have repairs that exceed the value of the vehicle.

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	300	-	-	-	-	300
Total (in thousands)		-	300	-	-	-	-	300

Fire Water Tender Replacement

Project ID AFD07023 **Department** Fire

Project Type Replacement **Start Date** May 2014

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

Areawide, Community: Areawide

Description

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

Version 2016 Proposed

		2016	2017	2018	2019	2020	2021	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	-	-	-	850	-	850
Total (in thousands)		-	-	-	-	850	-	850
