(\$ in thousands)							
Projects		Bonds	State	Federal	Other	Total	
AFD Facility Improvements		1,025	-	-	-	1,025	
Fire Ambulance Replacement		810	-	-	-	810	
Fire Engine Replacement		1,600	-	-	-	1,600	
Fuel Tanks		500	-	-	-	500	
GVFD Light Duty Vehicle Replacement		100	-	-	-	100	
Rescue Truck CVFD		450	-	-	-	450	
	Total	4,485	-	-	-	4,485	

Fire Department 2023 Capital Improvement Budget

2023 - 2028 Capital Improvement Program Fire Department

(in thousands) Projects Other Year Bonds State Federal Total **Emergency Medical Services** Fire Ambulance Replacement 2023 810 810 2024 400 400 2025 400 400 _ 2026 600 600 2027 400 400 . _ 400 400 2028 _ _ -3,010 3,010 -_ **Fuel Tanks** 2023 500 500 _ **GVFD Light Duty Vehicle Replacement** 2023 100 100 _ **Rescue Struts Replacement** 2024 76 76 _ **Rescue Truck CVFD** 450 450 2023 Fire - Anchorage **AFD Facility Improvements** 2023 1,025 1,025 Fire Engine Replacement 2023 1,600 . 1,600 2025 1,700 1,700 _ 2028 1,800 1,800 5,100 _ 5,100 _ _ Fire Water Craft Rescue Equipment 2024 100 _ 100 Fire Water Tender Replacement 2024 425 425 _ 2026 450 450 875 875 _ _ _ HAZMAT Response Vehicle 2024 1,000 1,000 _ New Fire Station #16 2024 500 500 _

2025

2024

2025

2024

2025

2026

2027

6,500

7,000

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Replace Fire Station #11 in Eagle River

Replace Fire Station #12

Replace/Combine Fire Stations #8 and #10 Upper Hillside

	(in thousar	nds)				
Projects	Year	Bonds	State	Federal	Other	Total
Training Center Burn Prop and Audio Visual Refresh	2024	1,250	-	-	-	1,250
	Total	47,486	-	-	-	47,486

2023 - 2028 Capital Improvement Program Fire Department

AFD Facility Improvements

Department

Start Date

End Date

Fire

May 2020

Project ID FD2019009

Project Type Improvement

District

Community Council

Description

This would provide for station maintenance and updates that are of substantial cost.

Comments

This funding would provide for the following facility maintenance items:

\$ 100,000 - Fire Station #1 Kitchen remodel that is in need of replacement as it is 20 years old

\$ 250,000 - Training Center Facility updates, Burn Props Certification update and repairs

\$ 130,000 - Fire Station #1 overhead door replacements as the current ones are frequently in need of repair and costly to maintain

\$ 500,000 - Old Fire Station #3 roof replacement, it is an aging building

\$ 45,000 - Fire Station #12 overhead door replacements

		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	1,025	-	-	-	-	-	1,025
Total (in thousands)		1,025	-	-	-	-	-	1,025

Fire Ambulance Replacement

Project ID	AFD07008	Department	Fire
Project Type	Replacement	Start Date	May 2018
District	Assembly: Areawide, HD 50: Anchorage Areawide	End Date	December 9999
Community Council			

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. This will be the final year of purchasing new ambulances as we begin doing a re-chassis allowing us to refresh two ambulances for the cost of a new one.

Comments

There are 13 ambulances that serve within the Anchorage Areawide Service Area; they are located at:

Fire Station #1 - three (3) Fire Station #3 - one (1) Fire Station #4 - two (2) Fire Station #5 - one (1) Fire Station #6 - two (2) Fire Station #7 - one (1) Fire Station #9 - one (1) Fire Station #11 - one (1) Fire Station #12 - one (1)

		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	810	400	400	600	400	400	3,010
Total (in thousands)	_	810	400	400	600	400	400	3,010

Fire Engine Replacement

Project ID	AFD07011	Department	Fire
Project Type	Replacement	Start Date	May 2017
District	Assembly: Areawide, HD 50: Anchorage Areawide	End Date	December 9999
Community Council			

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 Fire Engine 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. Fire Engines typically have a lifespan of 15 years or 150,000 miles. The Municipality is requesting funding for Fire Engines to replace two (2) in 2023, two (2) in 2025, and two (2) in 2028 that may include tools, equipment, and fire hose.

Comments

There are 14 Fire Engines that serve within the Anchorage Fire Service Area; they are located at:

Fire Station #1 - two (2) Fire Station #3 - one (1) Fire Station #4 - one (1) Fire Station #5 - one (1) Fire Station #6 - one (1) Fire Station #7 - one (1) Fire Station #8 - one (1) Fire Station #9 - one (1) Fire Station #10 - one (1) Fire Station #11 - one (1) Fire Station #12 - one (1) Fire Station #14 - one (1) Fire Station #15 - one (1)

Version 2023 Appro	ved							
		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	1,600	-	1,700	-	-	1,800	5,100
Total (in thousands)	-	1,600	-	1,700	-	-	1,800	5,100

Fire Water Craft Rescue Equipment

Project ID	AFD2011003	Department	Fire
Project Type	New	Start Date	May 2024
District	Assembly: Areawide, HD 50: Anchorage Areawide	End Date	December 2024
Community Council	Areawide		

Description

This project will purchase a rescue water craft for use in the inlet, lakes, rivers, and shallow water applications. The fire department maintains a Swift Water Rescue team at Fire Station #11 and Water Rescue team at Fire Station #4, which responds to water rescue calls throughout the Municipality. These funds will be used to purchase or replace specialized watercraft used by these teams.

Version 2023 Appro	ved							
		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	100	-	-	-	-	100
Total (in thousands)	-	-	100	-	-	-	-	100

Fire Water Tender Replacement

Project ID	AFD07023	Department	Fire
Project Type	Replacement	Start Date	May 2020
District	Assembly: Areawide, HD 50: Anchorage Areawide	End Date	December 9999
Community Council			

Description

This project is to replace front line water tenders in accordance with 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 standard is for water tenders to be in front line operational service for the first 20 years and in reserve status for another 5 years, for a total of 25 years of service. Water tenders are used to shuttle water to areas without fire hydrants. The Municipality is requesting funding for Water Tenders to replace one (1) in 2024 and one (1) in 2026 that may include tools, equipment, and hose.

Comments

There are 5 water tenders that serve within the Anchorage Fire Service Area; they are located at:

Fire Station #8 - one (1) Fire Station #9 - one (1) Fire Station #10 - one (1) Fire Station #11 - one (1) Fire Station #14 - one (1)

		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	425	-	450	-	-	875
Total (in thousands)	_	-	425	-	450	-	-	875

Fuel Tanks

Project ID	FD2022005	Department	Fire
Project Type	New	Start Date	May 2023
District		End Date	
Community Council			

Description

Fuel is maintained at the fire stations in order to ensure response readiness in times of emergency or fuel shortage. Gasoline fuel tanks are needed for ambulances and other emergency medical service (EMS) vehicles that require gasoline fuel. This funding would provide for three new (Fire Station # 1, Fire Station #9, and Girdwood) and one replacement (Fire maintenance shop end of service life) gasoline fuel tanks.

Version 2023 Approved 2023 2024 2025 2026 2027 2028 Total **Revenue Sources** Fund Bond Sale Proceeds 401100 -500 500 _ Areawide General CIP Bond Total (in 500 -500 ---thousands)

GVFD Light Duty Vehicle Replacement

Department

Start Date

End Date

Fire

May 2024

Proie	ect ID	FD2022001
I I O J		1 02022001

Project Type Replacement

District

Community Council

Description

This funding request is for equipment for the Girdwood Volunteer Fire Department (GVFD) in the Girdwood Valley Service Area. This funding 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 150,000 miles, are over 15 years old, or best meet operational needs of specialty teams.

		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	406100 - Girdwood Valley SA CIP Bond	100	-	-	-	-	-	100
Total (in thousands)		100	-	-	-	-	-	100

HAZMAT Response Vehicle

Department

Start Date

End Date

Fire

May 2023

December 2024

Project ID	FD2019001
I I UJECLID	102013001

Project Type Replacement

District

Community Council

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.

Comments

There is one (1) Hazmat Response Vehicle that serves within the Anchorage Fire Service Area; it is located at Fire Station #1.

Version 2023 Approved										
		2023	2024	2025	2026	2027	2028	Total		
Revenue Sources	Fund									
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,000	-	-	-	-	1,000		
Total (in thousands)	_	-	1,000	-	-	-	-	1,000		

New Fire Station #16

Department

Start Date

End Date

Fire

August 2013

Project ID AFD2013005

Project Type New

District

Community Council

Description

This is for site survey to build a new fire station at a strategic location for identified underserved areas within the fire service area. The goal is a location that would facilitate the emergency services arriving at emergencies within 4 minutes, 90% of the time. This project is being presented in phases; the first phase is evaluation of location and possible land and in a future year the fire department will secure funding for the construction of the fire station.

Comments

The operations and maintenance (O&M) costs for this new fire station may include electric, gas, and water utilities and maintenance and operating supplies, and will be dependent on the site, size, and features of the new fire station.

Version 2023 Appro	ved							
		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	500	6,500	-	-	-	7,000
Total (in thousands)	-	-	500	6,500	-	-	-	7,000

Replace Fire Station #11 in Eagle River

Project ID	FD2019003	Department	Fire
Project Type	Replacement	Start Date	May 2024
District	Assembly: Section 3, Seats D & E, 25- M: Abbott, 27-N: Basher	End Date	
Community Council	Sand Lake, Taku/Campbell		

Description

This would replace Fire Station #11 in Eagle River. This will be a relocation that will require land acquisition. The Municipality is requesting funding for the Planning, Design, and Land purchase of \$1.5M in 2024, and Construction cost of \$6.5M in 2025.

Comments

This station houses a ladder truck company, an engine company, a medic unit, and a tender. The current station structure was a temporary building meant to be replaced within five years. It has been occupied since 2001. There are structural issues as it is located on unstable ground.

Version 2023 Appro	ved							
		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,500	6,500	-	-	-	8,000
Total (in thousands)		-	1,500	6,500	-	-	-	8,000

Replace Fire Station #12

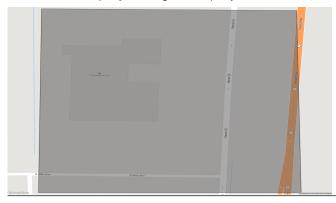
Project ID	AFD2019001	Department	Fire
Project Type	Replacement	Start Date	May 2024
District	Assembly: Section 3, Seats D & E, 25- M: Abbott, 27-N: Basher, Tax: 19 - Upper OMalley LRSA	End Date	
Community Council	Sand Lake, Taku/Campbell		

Description

This funding would replace and relocate the front line response of a ladder truck company, an engine company, a medic unit, and Battalion Chief from the current Fire Station #12. This will be a relocation that will require land acquisition. The first year will be spent on site selection along with the land acquisition.

Comments

Fire Station #12 houses the Fire 911 Dispatch, Fire data servers, management information systems, and records. A ladder truck company, an engine company, a medic unit, and Battalion Chief are also housed at Fire Station #12.



		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,500	9,500	-	-	-	11,000
Total (in thousands)		-	1,500	9,500	-	-	-	11,000

Replace/Combine Fire Stations #8 and #10 Upper Hillside

Project ID	FD2019004	Department	Fire
Project Type	Replacement	Start Date	May 2026
District	Assembly: Section 3, Seats D & E, 25- M: Abbott, 27-N: Basher	End Date	
Community Council	Sand Lake, Taku/Campbell		

Description

This would replace Fire Stations #8 and #10 on the Upper Hillside of Anchorage. This will be a relocation that will require land acquisition.

Consolidation of response resources on the Upper Hillside would improve efficiencies and reduce operational cost.

Comments

Fire Stations #8 and #10 each house an engine company and a tender. Fire Station #10 has a long history of well water problems and has delivered bottled drinking water.

Version 2023 Approved	
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		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	-	-	1,500	6,500	-	8,000
Total (in thousands)	_	-	-	-	1,500	6,500	-	8,000

Rescue Struts Replacement

Project ID	AFD2012007	Department	Fire
Project Type	Replacement	Start Date	May 2023
District	HD 50: Anchorage Areawide	End Date	
Community Council	Areawide		

Description

The fire department uses Rescue Struts to stabilize a vehicle that is resting on its side during vehicle extrication. These sets are on front-line apparatus and with the urban search and rescue team.

Version 2023 Approved								
		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	401100 - Areawide General CIP Bond	-	76	-	-	-	-	76
Total (in thousands)		-	76	-	-	-	-	76

Rescue Truck CVFD

Department

Start Date

End Date

Fire

May 2023

Project ID FD2022006

Project Type New

District

Community Council

Description

This Light Rescue Truck is an important piece of equipment, vital to Chugiak Volunteer Fire Department's (CVFD's) emergency medical service (EMS) response. This is an EMS vehicle which is used most often in accidents with injuries. In addition to basic response, this Rescue Truck will be capable of towing our boat, side-by-side, snowmachines, etc., as seasonally needed. Included in this proposal is necessary specialized equipment for use on-scene and enroute. The truck also provides extra equipment in the case of a disaster or a mass casualty.

		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	404800 - Chugiak Fire SA Contributions	450	-	-	-	-	-	450
Total (in thousands)	_	450	-	-	-	-	-	450

Training Center Burn Prop and Audio Visual Refresh

Project ID	FD2019002	Department	Fire
Project Type	Replacement	Start Date	May 2023
District	Assembly: Section 3, Seats D & E, 25- M: Abbott, 27-N: Basher	End Date	
Community Council	Sand Lake, Taku/Campbell		

Description

Replace the current burn prop due to significant maintenance and need for update. Burn Prop is a computer controlled fire training device used to simulate structure fire conditions using natural gas to provide a controllable fire environment.

Comments

Need newer and more effective technology.

Version 2023 Approved								
		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund							
Bond Sale Proceeds	431100 - Anchorage Fire SA CIP Bond	-	1,250	-	-	-	-	1,250
Total (in thousands)	_	-	1,250	-	-	-	-	1,250