Fire Department 2023 Capital Improvement Budget

(\$ 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

2023 - 2028 Capital Improvement Program Fire Department

(in thousands)

Projects	Year	Bonds	State	Federal	Other	Total
Emergency Medical Services						
Fire Ambulance Replacement	2023	810	-	-	-	810
	2024	400	-	-	-	400
	2025	400	-	-	-	400
	2026	600	-	-	-	600
	2027	400	-	-	-	400
	2028 _	3,010	-	<u>-</u>	<u>-</u>	3,010
Fuel Tanks	2023	500	-	-	-	500
	2023	100			_	100
GVFD Light Duty Vehicle Replacement			-	-	-	
Rescue Struts Replacement	2024	76	-	-	-	76
Rescue Truck CVFD	2023	450	-	-	-	450
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 _	6,500	-	-	-	6,500
		7,000	-	-	-	7,000
Replace Fire Station #11 in Eagle River	2024	1,500	-	-	-	1,500
	2025 _	6,500	-	-	-	6,500
		8,000	-	-	-	8,000
Replace Fire Station #12	2024	1,500	-	-	-	1,500
	2025 _	9,500	-	-	-	9,500
		11,000	-	-	-	11,000
Replace/Combine Fire Stations #8 and #10 Upper Hillside	2026	1,500	-	-	-	1,500
•	2027	6,500	-	-	-	6,500
		8,000	-	-	-	8,000

2023 - 2028 Capital Improvement Program Fire Department

(in thousands)

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

AFD Facility Improvements

Project ID FD2019009 Department Fire

Project Type Improvement Start Date May 2020

District End Date

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 End Date December 9999

Areawide

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 End Date December 9999

Areawide

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)

		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 End Date December 2024

Areawide

Community

Areawide

Council

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.

		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 **End Date** December 9999

Areawide

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.

		2023	2024	2025	2026	2027	2028	Total
Revenue Sources	Fund	,		1		,	,	
Bond Sale Proceeds	401100 - Areawide General CIP Bond	500	-	-	-	-	-	500
Total (in thousands)	_	500	-	-	-	-	-	500

GVFD Light Duty Vehicle Replacement

Project ID FD2022001 Department Fire

Project Type Replacement Start Date May 2024

District End Date

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

Project ID FD2019001 Department Fire

Project Type Replacement Start Date May 2023

District End Date December 2024

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 Appro	ved							
		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

Project ID AFD2013005 Department Fire

Project Type New Start Date August 2013

District End Date

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- End Date

M: Abbott, 27-N: Basher

Community Sand Lake, Taku/Campbell

Council

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- End Date

M: Abbott, 27-N: Basher, Tax: 19 -

Upper OMalley LRSA

Community Sand Lake, Taku/Campbell

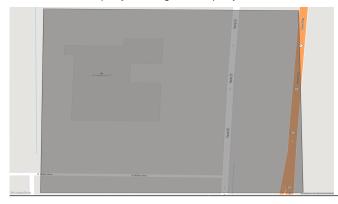
Council

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.



Version 2023 Approved

		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- End Date

M: Abbott, 27-N: Basher

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 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

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.

		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

Project ID FD2022006 Department Fire

Project Type New Start Date May 2023

District End Date

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- End Date

M: Abbott, 27-N: Basher

Community Sand Lake, Taku/Campbell

Council

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 20)23 Ap	proved
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		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