

Department: Fire-EMS

TOWN OF OAK BLUFFS

FY2024

CAPITAL IMPROVEMENT PROGRAM SUMMARY FORM

ESTIMATED/PLANNED DISBURSEMENTS REQUIRED

Project (Short Title)	Prior Funds	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	Funds After 2029 for completion	Total Funds Required
Rechasis Ambulances (2)	239,828	69,914	69,914	-	-	-	-	-	379,656
Purchase new ambulance	-	100,000	100,000	120,000	-	-	-	-	320,000
Purchase new ambulance	-	-	-	-	100,000	100,000	120,000	-	320,000
Replace Turnout gear	70,000	100,000	-	-	-	-	-	-	170,000
Replace SCBA	-	50,000	100,000	65,000	-	-	-	-	215,000
Replace 2 apparatus with 1 (521/561)	-	-	175,000	175,000	200,000	-	-	-	550,000
Replace 500 (Duty Command Vehicle)	-	-	-	85,000	-	-	-	-	85,000
	-								
	-								
	-								
	-								
TOTALS	\$ 309,828	\$ 319,914	\$ 444,914	\$ 445,000	\$ 300,000	\$ 100,000	\$ 120,000	\$ -	\$ 2,039,656.00

Amounts may differ from original requests due to increase in costs



**TOWN OF OAK BLUFFS, MASSACHUSETTS
CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST FORM**

FY2024

DEPARTMENT INFORMATION			
Department	Fire-EMS Department	Date	10/1/2021
Submitted by	Nelson Wirtz	Title	Fire EMS Chief
Signature			

ASSET OR PROJECT INFORMATION	
Project Title	Re-Chassis Two Ambulances
Asset Description	2014 Chevrolet Ambulance 2015 Chevrolet Ambulance
Description and Purpose of Equipment/Project	Multi-year payment for the re-chassis completed in 2020
Justification	Fulfilling previous financial commitment

ASSET/PROJECT DETAILS					
Useful Life	5 years				
Preliminary Plans/Specs	Under Study		Completed	X	N/A
Final Plans/Specs	Under Study		Completed	X	N/A
Priority	URGENT	X	NECESSARY		DESIRABLE

Costs/Cost Estimates	
Land	0
Construction	0
Equipment	\$69,914
Other	0
TOTAL COST (use word table tools layout formula to sum above)	\$69,914

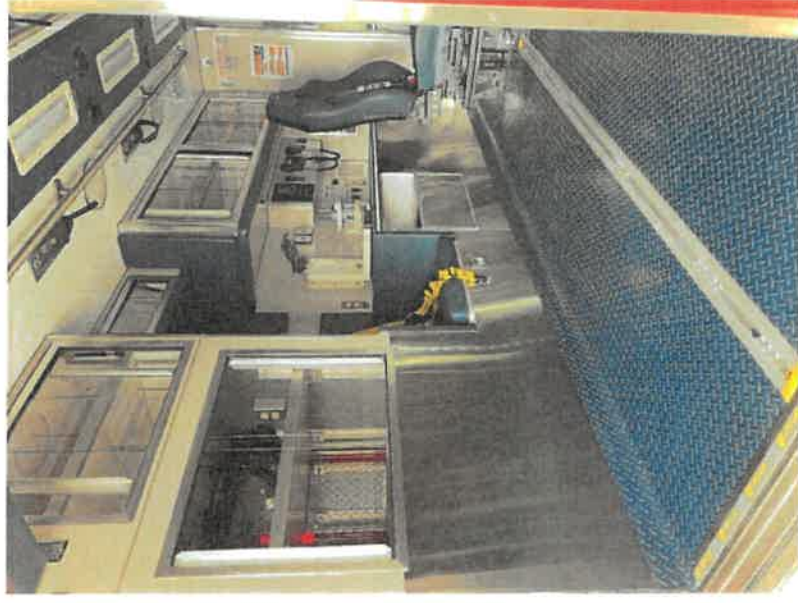
Effects on Annual Operating Budget	
Operational	0
Maintenance	0
Personnel	0
TOTAL COST (use word table tools layout formula to sum above)	0

Grants/Source of Funding					
How will expense be funded?	Current Funds		Bond or Note	X	Grant
If Bond or Note do you have TA approval	Yes			X	No
If Grant, has Grant be awarded	Yes				No
If Grant, is there a Match Requirement	Yes				No
If Grant Match required do you have funds for it	Yes				Not Yet

Additional Comments or Justification (add below or on separate sheet)



Re-Chassis of Two Ambulances



10/1/2021

06 FIRE EMS DEPARTMENT CIP FY23



**TOWN OF OAK BLUFFS, MASSACHUSETTS
CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST FORM**

FY2024

DEPARTMENT INFORMATION			
Department	Fire-EMS	Date	10/1/2022
Submitted by	Nelson Wirtz	Title	Fire- EMS Chief
Signature			

ASSET OR PROJECT INFORMATION	
Project Title	New 911 Ambulance
Asset Description	Primary 911 Medical response ambulance
Description and Purpose of Equipment/Project	Replace current front-line ambulance for normal 5-year replacement plan
Justification	Wear and tear on current front-line vehicle and increased maintenance costs require replacement

ASSET/PROJECT DETAILS					
Useful Life	5 years				
Preliminary Plans/Specs	Under Study	X	Completed		N/A
Final Plans/Specs	Under Study	X	Completed		N/A
Priority	URGENT	X	NECESSARY		DESIRABLE

Costs/Cost Estimates	
Land	0
Construction	0
Equipment	350,000
Other	0
TOTAL COST (use word table tools layout formula to sum above)	

Effects on Annual Operating Budget	
Operational	112,000/yr
Maintenance	0
Personnel	0
TOTAL COST (use word table tools layout formula to sum above)	

Grants/Source of Funding					
How will expense be funded?	Current Funds	X	Bond or Note	Grant	
If Bond or Note do you have TA approval			Yes	No	
If Grant, has Grant be awarded			Yes	No	
If Grant, is there a Match Requirement			Yes	No	
If Grant Match required do you have funds for it			Yes	Not Yet	

Additional Comments or Justification (add below or on separate sheet)

The average life expectancy of a front-line 911 ambulance is 5 years. OB EMS shall anticipate the replacement of one of the re-chassis units by putting aside \$112,000/ yr for 3 years. The new ambulance will be purchased in 2026 but must be ordered 12-18 months prior.



TOWN OF OAK BLUFFS, MASSACHUSETTS
CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST FORM

FY2024

DEPARTMENT INFORMATION			
Department	Fire-EMS	Date	10/1/2022
Submitted by	Nelson Wirtz	Title	Fire-EMS Chief
Signature			

ASSET OR PROJECT INFORMATION	
Project Title	Replace Turnout gear Phase 2
Asset Description	Thermal and puncture resistant personal protective garments for structural firefighting and emergency scene operations.
Description and Purpose of Equipment/Project	Head to toe Firefighter and EMS personnel personal protective garments
Justification	Per manufacturer, industry recommendation and NFPA 1971, personal protective garment use shall not exceed 10 years from date of manufacture.

ASSET/PROJECT DETAILS					
Useful Life	10 years				
Preliminary Plans/Specs	Under Study		Completed		N/A
Final Plans/Specs	Under Study		Completed		N/A
Priority	URGENT	X	NECESSARY		DESIRABLE

Costs/Cost Estimates	
Land	0
Construction	0
Equipment	100000
Other	0
TOTAL COST (use word table tools layout formula to sum above)	170000

Effects on Annual Operating Budget	
Operational	0
Maintenance	0
Personnel	0
TOTAL COST (use word table tools layout formula to sum above)	

Grants/Source of Funding					
How will expense be funded?	Current Funds		Bond or Note		Grant
If Bond or Note do you have TA approval			Yes		No
If Grant, has Grant be awarded			Yes		No
If Grant, is there a Match Requirement			Yes		No
If Grant Match required do you have funds for it			Yes		Not Yet

Additional Comments or Justification (add below or on separate sheet)

This request is Phase 2 of a two-year fiscal project for a total of \$170,000. Phase 1 proposal put the amount at \$150,000, but prices have risen significantly over the past year and are expected to rise again before the ordering process.

Turnout gear is the first line of defense for personal protection from thermal, cuts, scrapes, punctures, carcinogens, blunt force and trauma. Turnout gear is comprised of helmet, hood, jacket, pants, boots and gloves. There are high levels of carcinogens present in modern structure fires, wildland fires, motor vehicle and marine fires. After every fire event, even small ones, turnout gear is required by SOP to be dismantled, thoroughly cleaned and dried, which takes it out of service. Thus, each member of this department is issued 2 full sets of gear to comply with NFPA 1971 and maintain a constant state of readiness. All sets issued in 2012 have come to their usable limit. With the purchase of a new set of gear for each member of this department this year, the next set of retiring gear will be in 2027 to maintain compliance with NFPA 1971.



Structural Firefighting Turnout Gear



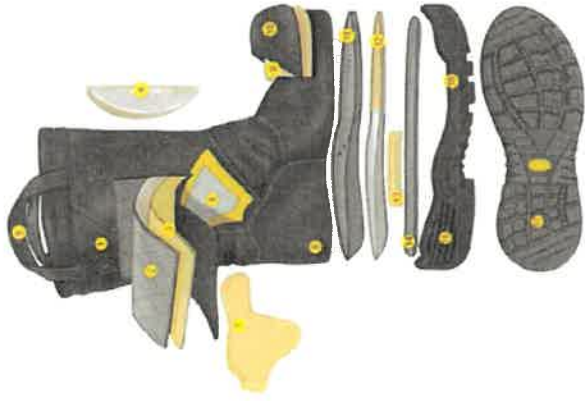
10/1/2021

Oak Bluffs Fire-EMS DEPARTMENT CIP FY23



Firefighting Turnout Gear Replacement

Structural Firefighting Boots



Structural Firefighting Gloves



10/1/2021

OB FIRE EMS DEPARTMENT CIP FY23



Structural Firefighting Helmet



Structural Firefighting Particulate Blocking Hood





**TOWN OF OAK BLUFFS, MASSACHUSETTS
CAPITAL IMPROVEMENT PROGRAM
PROJECT REQUEST FORM**

FY2024

DEPARTMENT INFORMATION			
Department	Fire-EMS	Date	10/1/2022
Submitted by	Nelson Wirtz	Title	Fire-EMS Chief
Signature			

ASSET OR PROJECT INFORMATION	
Project Title	Replace SCBA Phase 1
Asset Description	The self-contained breathing apparatus, or SCBA, is the foundational tool that provides the greatest amount of airway protection from toxic gas and harmful particulates resulting from the fire. It's essential for modern firefighting and today's complex fire grounds.
Description and Purpose of Equipment/Project	Replace expiring SCBA and increase volume capacity available for the firefighters
Justification	Service life for SCBA cylinders is currently limited to 15 years by U.S. Department of Transportation (DOT) Code of Federal Regulations and Special Permits issued to SCBA cylinder manufacturers.

ASSET/PROJECT DETAILS				
Useful Life	15 years			
Preliminary Plans/Specs	Under Study		Completed	N/A
Final Plans/Specs	Under Study		Completed	N/A
Priority	URGENT	X	NECESSARY	DESIRABLE

Costs/Cost Estimates	
Land	0
Construction	0
Equipment	50000
Other	0
TOTAL COST (use word table tools layout formula to sum above)	215000

Effects on Annual Operating Budget	
Operational	0
Maintenance	0
Personnel	0
TOTAL COST (use word table tools layout formula to sum above)	

Grants/Source of Funding				
How will expense be funded?	Current Funds		Bond or Note	Grant
If Bond or Note do you have TA approval		Yes		No
If Grant, has Grant be awarded		Yes		No
If Grant, is there a Match Requirement		Yes		No

If Grant Match required do you have funds for it	Yes	Not Yet	
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Additional Comments or Justification (add below or on separate sheet)

Additional comments Replacement of SCBA Phase 1

This request is Phase 1 of a three-year fiscal project for a total of \$215,000. This is to replace 30 harnesses with integrated PASS and 60 SCBA bottles in compliance with NFPA 1852.

Self-contained breathing apparatus (SCBA) is a critical piece of personal protective equipment (PPE) issued to firefighters. By wearing an SCBA filled with clean, compressed breathing air, firefighters protect their respiratory system from fire, smoke, heat and toxic gases, allowing them to do their jobs for extended periods under extreme conditions.



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FY2024

DEPARTMENT INFORMATION			
Department	Fire-EMS	Date	10/1/2022
Submitted by	Nelson Wirtz	Title	Fire- EMS Chief
Signature			

ASSET OR PROJECT INFORMATION	
Project Title	Replace Engine 1 and Rescue 1
Asset Description	¾ size fire attack pumper
Description and Purpose of Equipment/Project	Replace 1988 engine 1 and the Heavy Rescue with a more appropriate and versatile piece of apparatus
Justification	Life span of a fire engine is 20 years and the outdated technology on engine 1 as well as its size create limitations for it's use. The Heavy Rescue is similar in that the equipment on it can be dispersed to other vehicles and reduce expenses in insurance and maintenance.

ASSET/PROJECT DETAILS					
Useful Life	20 years				
Preliminary Plans/Specs	Under Study	X	Completed		N/A
Final Plans/Specs	Under Study	X	Completed		N/A
Priority	URGENT	X	NECESSARY		DESIRABLE

Costs/Cost Estimates	
Land	0
Construction	0
Equipment	570,000
Other	0
TOTAL COST (use word table tools layout formula to sum above)	

Effects on Annual Operating Budget	
Operational	0
Maintenance	0
Personnel	0
TOTAL COST (use word table tools layout formula to sum above)	

Grants/Source of Funding					
How will expense be funded?	Current Funds	X	Bond or Note		Grant
If Bond or Note do you have TA approval			Yes		No
If Grant, has Grant be awarded			Yes		No
If Grant, is there a Match Requirement			Yes		No
If Grant Match required do you have funds for it			Yes		Not Yet

Additional Comments or Justification (add below or on separate sheet)

This new smaller fire attack engine will be a front-line response vehicle for any fire related incidents in the Campground as well as wildland fire incidents. This vehicle will carry 500gal of water (same as the current full-size engines) and all necessary equipment for structural and wildland fire attack. The average life expectancy of a front-line 911 fire engine is 20 years. OB Fire-EMS shall anticipate the replacement of Engine 1 and the Heavy Rescue by the year 2026. The lead time for ordering this type of vehicle is 2-3 years.