

Nantucket Fire & Rescue									
10 Year Capital Plan 8/01/2014									
		FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY-2019	FY-2020	FY 2020
Apparatus	Yr . In Service								
Ladder Truck	2006								FY 2026
Tender 1 / E-6	1988		\$240,000						FY 2040
Engine 1	2009								FY 2024
Engine 2	2006								FY 2026
Tender 2	1989					\$240,000			FY 2043
Engine 3	2002								FY 2037
Engine 4	2011								FY 2027
Engine 5	Tuck 1981								
Engine 7	1981				\$375,000				FY 2026
Rescue 1	2004								FY 2029
Fire Alarm Truck	2006								FY 2026
Brush breaker	Tuck 1971								
Ambulance 1	2007							\$180,000	FY 2028
Ambulance 2	2006						\$180,000		FY 2026
Ambulance 3	2001	\$165,000							FY 2024
Command C2	2005			\$35,000					FY 2025
Command C1	2004	\$35,000							FY 2024
Utility Truck	2004								FY 2021
Fire Prev/Ins C5	1998	Rep/w/C1					\$35,000		FY 2028
Fire Supr/Ins C4	2005								FY 2021
Totals		\$200,000	\$240,000	\$35,000	\$375,000	\$240,000	\$255,000	\$180,000	

Nantucket Fire & Rescue

10 Year Capital Plan 8/01/2014

		FY 2015	FY 2016	FY 2017	FY 2018
Buildings-Construction					
Station 1 Administration Trailer			\$150,000		
Demolition Garage St 1			\$35,000		
Crew Quarters St 1			\$75,000		
Station 2	Exterior Construction	\$135,000			
Station 3	Exterior Paint				\$25,000
Station 4					
Totals		CPC	\$260,000		\$25,000

FY-2019	FY-2019	FY 2020
		FY 2026 FY 2040 FY 2024
		FY 2026 FY 2043 FY 2037 FY 2027
		FY 2026 FY 2029 FY 2026
		FY 2028 FY 2026 FY 2024 FY 2025 FY 2024 FY 2027 FY 2028 FY 2020



Town of Nantucket

Proposed FY2016 Capital Project

Project Title: Scott Air Packs

Department: Fire Department Contact Person: Mark McDougall

Department Priority: Low Medium High X

Funding Amount Requested: \$ 50,000

Funding Source(s): General Fund X State Grant

Enterprise Fund Other (please explain):

Project Description including location and source of cost estimate:

60 Scott 30 minuet firefighting air tank. Distributer pricing from the state bid list.

Is the request for a new structure or equipment?

Request is for the replacement of firefighting air tanks that will be out of date in CY 2016.

If the request is for replacement or renovation please explain the need.

This request is for replacement of 60 air tanks that are coming up on their expiration date. These air tanks are used for entering many types of hazardous environment such as structure fires and areas with a high level of carbon monoxide. **This purchase is considered highest priority.**

Provide cost changes (if any) that will/could result from this request i.e. increase or decrease maintenance costs, utilities, personnel etc.

No increase or decrease in maintenance, utilities or personnel costs.

Provide an estimate of revenues (if applicable) gained by this expenditure. Example:

Artificial turf field would enable field rental and lower the ground maintenance costs. Include the estimated number of years to pay back this expenditure.

No revenues gained.

If relevant, provide any other justification for the project or equipment.

N/A



Town of Nantucket

Proposed FY2016 Capital Project

Project Title: Administration Vehicle-Deputy Chief

Department: Fire Department **Contact Person:** Mark McDougall

Department Priority: Low Medium X High

Funding Amount Requested: \$ 35,000

Funding Source(s): General Fund X State Grant

Enterprise Fund Other (please explain):

Project Description including location and source of cost estimate:

Request is for a new vehicle that will be used as an administration, command emergency response unit. Manufacturers Pricing \$35,000.

Is the request for a new structure or equipment?

New Vehicle.

If the request is for replacement or renovation please explain the need.

Replacement of a 2005 Chevy Tahoe with 65000 miles, this vehicle will be traded in for the replacement.

Provide cost changes (if any) that will/could result from this request i.e. increase or decrease maintenance costs, utilities, personnel etc.

Maintenance \$500 to \$800 annual.

Provide an estimate of revenues (if applicable) gained by this expenditure. Example:

Artificial turf field would enable field rental and lower the ground maintenance costs. Include the estimated number of years to pay back this expenditure.

No revenues gained.

If relevant, provide any other justification for the project or equipment.

N/A



Town of Nantucket

Proposed FY2016 Capital Project

Project Title: Sconset Fire Station Restoration

Department: Fire Department Contact Person: Mark McDougall

Department Priority: Low Medium High X

Funding Amount Requested: \$ 150,000.00

Funding Source(s): General Fund State Grant

Enterprise Fund Other (please explain): CPC Application

Project Description including location and source of cost estimate:

Exterior work to be completed consists of but not limited to the demolition and replacement of the masonry steps in the front of the building. Replacement/restoration of exterior doors, windows, sidewall and trim as needed. Prep work and painting of the complete exterior of the building. Demolition of the old bulked to be replaced with a new cedar bulked. Contractor pricing/estimates are generalized due to problems such as long time deterioration that may have taken place in certain areas of the building. Such as under exterior trim and within the window casings/framing.

Is the request for a new structure or equipment?

Request is for restoration work that is needed on the existing building.

If the request is for replacement or renovation please explain the need.

Request is for restoration that is needed due to the age and condition of the building.

Provide cost changes (if any) that will/could result from this request i.e. increase or decrease maintenance costs, utilities, personnel etc.

Maintenance costs in the future will continue. This should be lesser amounts of funding due to shorter periods between follow-up maintenance schedules once the building is restored.

Provide an estimate of revenues (if applicable) gained by this expenditure. Example: Artificial turf field would enable field rental and lower the ground maintenance costs. Include the estimated number of years to pay back this expenditure.

N/A

If relevant, provide any other justification for the project or equipment.

N/A



Town of Nantucket

Proposed FY2016 Capital Project

Project Title: Nantucket Public Safety Facility - New Fire Station

Department: Fire Department Contact Person: Mark McDougall

Department Priority: Low Medium High X

Funding Amount Requested: \$14,740,000.00

Funding Source(s): General Fund State Grant

Enterprise Fund Other (please explain): ATM/ Capital Expense

Project Description including location and source of cost estimate:

Completion of plan design and construction of a new fire station located at 4 Fairgrounds Road. This is a preliminary opinion of probable cost based on industry standards relating to the hours and material recommended to complete such a project.

Is the request for a new structure or equipment?

Request is for a complete new building for the purpose of housing the majority of fire administration, personnel and apparatus.

If the request is for replacement or renovation please explain the need.

Construction of a new fire station located at 4 Fairgrounds Road is the next step to full completion of the Nantucket Public Safety Facility. This plan needs to advance due to lack of crew/female quarters, administration office/filing space and apparatus space to safely operate and store equipment.

Provide cost changes (if any) that will/could result from this request i.e. increase or decrease maintenance costs, utilities, personnel etc.

Utility costs should be transferred over from the closing of the old building to the completion and operation of the new building. Due to new construction maintenance should be minimal for several years out.

Provide an estimate of revenues (if applicable) gained by this expenditure. Example: Artificial turf field would enable field rental and lower the ground maintenance costs. Include the estimated number of years to pay back this expenditure.

No revenues gained.

If relevant, provide any other justification for the project or equipment.

N/A

FY 2017 - 2025 Proposed Capital Requests			
DEPARTMENT:			
	Item	Additional Description	Estimated Cost
FY 2017	New Engine 7 Year-1981	Replacement of old Engine 7	\$375,000
	New Administration Trailer	Demolition of old garage/placement of Admin Tr	\$150,000
	New Crew/Female Quarters	Renovation of old administration space	\$100,000
FY 2018	New Tanker 2 Year-1989	Replacement of old Tanker 2	\$240,000
	Paint Madaket Station	Re-paint exterior of the Madaket Station	\$25,000
FY 2019	New Ambulance 2 Year-2006	Replacement of old Ambulance 2	\$180,000
	New Fire Prevention Vehicle-1998	Replacement of old Fire Prevention Vehicle	\$40,000
FY 2020	New Ambulance 1 Year-2007	Replacement of old Ambulance 1	\$180,000
FY 2021	New Brush/Utility Truck Year-2004	Replacement of old Utility Truck	\$40,000
	New Fire Alarm Supra Vehicle-2005	Replacement of old Fire Alarm Supra Vehicle	\$40,000
FY 2022			
FY 2023			
FY 2024	New Engine 1 Year-2009	Replacement of old Engine 1	\$525,000
	New Administration Vehicle-2014	Replacement of Chiefs Vehicle	\$45,000
FY 2025	New Administration Vehicle -TBD	Possible replacement for FY-2016 = ?	\$45,000

Nantucket Public Safety Facility - Fire Dept

Preliminary Opinion of Probable Project Cost

February, 2013

Item	Description	Sub Total	Cost
Sitework Cost		\$250,000	
Building Construction Cost			
Main Bldg	22215 Sq.Ft.	\$8,441,700	@\$380/SF
			\$8,691,700
Pricing Contingency	5%	\$434,600	
General Conditions,	10%	\$912,600	
Insurance, Bonds	2.70%	\$271,100	
Overhead	2%	\$206,200	
Profit	5.5%	\$578,400	
Estimating Mark-ups		\$2,402,900	
Estimated Construction (GC) Cost February '13			\$11,094,600
Owner's Costs			
Arch. & Eng. Fees		\$706,000	
R reimbursables/add. services		\$50,000	
Project Management		\$388,000	
Furnishings, Furniture & Equipment		\$160,000	
Communications Equipment		\$0	?
Land Survey		done	
Geotechnical Investigation		done	
Hydrant Test		done	
Third Party Review (structural)		\$5,000	
Insurance, Legal, Advertising		\$10,000	
Reproduction / Mailing		\$15,000	
Material Testing		\$25,000	
Owner's Construction Contingency (5% of All Costs)		\$623,000	
Estimated Owner's Design Phase Costs			\$1,982,000
Total Project Cost			\$13,076,600

Costs through Bidding

A/E Fees	\$476,000
Reimbursables/Add serv.	\$24,000
Project Management (OPM)	\$50,000
Third Party Review	\$5,000
Insurance, Legal, Advertising	\$10,000
Reproduction / Mailing	\$15,000
Contingency	\$20,000
	\$600,000

Nantucket Central Fire Station (@ 4FG)

Preliminary Opinion of Probable Project Cost

September, 2014

Item	Description	Sub Total	Cost
<u>Sitework Cost</u>			
	Basic Infrastructure complete at 4FG	\$250,000	
<u>Building Construction Cost</u>			
	Main Bldg - Trade Costs 22,215 square feet	\$8,441,700	
	<i>Subtotal Direct Trade Costs:</i>		\$8,691,700
<u>Construction Cost Mark-ups</u>			
	Pricing Contingency 5%	\$434,600	
	General Conditions, 10%	\$912,600	
	Insurance, Bonds 2.70%	\$271,100	
	Overhead 2%	\$206,200	
	GC Profit 5.5%	\$578,400	
	Escalation through Bidding (Spring 2016)	\$1,385,300	
	<i>Subtotal Construction Cost Mark-ups:</i>		\$3,788,300
	<i>Estimated Construction Cost Spring of 2016:</i>		\$12,480,000
<u>Owner's Indirect Costs</u>			
	Arch. & Eng. Fees	\$796,000	
	R reimbursables/add. services	\$60,000	
	Project Management	\$437,000	
	Furnishings, Furniture & Equipment	\$200,000	
	Communications Equipment	shared w/ PD	
	Land Survey	done for 4FG	
	Geotechnical Investigation	done for 4FG	
	Hydrant Test	done for 4FG	
	Third Party Review (structural)	\$5,000	
	Insurance, Legal, Advertising	\$10,000	
	Material Testing	\$25,000	
	Reproduction / Mailing	\$25,000	
	Owner's Project Contingency (5% of All Costs)	\$702,000	
	<i>Estimated Owner's Design Phase Costs:</i>		\$2,260,000
	Total Anticipated Project Cost:		\$14,740,000

Nantucket Central Fire Station (Optional 3ac. Site)

Preliminary Opinion of Probable Project Cost

September, 2014

Item	Description	Sub Total	Cost
Sitework Cost			
	Site Infrastructure and Development	\$1,250,000	
Building Construction Cost			
	Main Bldg - Trade Costs 22,215 square feet	\$8,441,700	
	<i>Subtotal Direct Trade Costs:</i>		\$9,691,700
Construction Cost Mark-ups			
	Pricing Contingency 5%	\$484,600	
	General Conditions, 10%	\$1,017,600	
	Insurance, Bonds 2.70%	\$302,200	
	Overhead 2%	\$229,900	
	GC Profit 5.5%	\$644,900	
	Escalation through Bidding (Spring 2016)	\$1,544,700	
	<i>Subtotal Construction Cost Mark-ups:</i>		\$4,224,000
	Estimated Construction Cost Spring of 2016:		\$13,915,700
Owner's Indirect Costs			
	Arch. & Eng. Fees	\$890,000	
	Reimbursables/add. services	\$65,000	
	Project Management	\$487,500	
	Furnishings, Furniture & Equipment	\$200,000	
	Communications Equipment	\$150,000	Allowance
	Land Survey	\$22,500	Allowance
	Geotechnical Investigation	\$12,300	Allowance
	Hydrant Test	\$1,500	
	Third Party Review (structural)	\$5,000	
	Insurance, Legal, Advertising	\$10,000	
	Material Testing	\$25,000	
	Reproduction / Mailing	\$25,000	
	Owner's Project Contingency (5% of All Costs)	\$790,500	
	Estimated Owner's Design Phase Costs:		\$2,684,300
	Total Anticipated Project Cost*:		\$16,600,000

Note: * Site acquisition cost not included