

Town of Nags Head Capital Improvement Program Request Fiscal Years 2016-2017 through 2020-2021

1. Project:	Fire Extinguisher Simulator	2. Department	Fire	3. Rank (Completed by TM)
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4. Project Description

Nags Head Fire Rescue provides excellent community fire and life safety education, supporting a safe and livable environment. This project recommends funding to acquire a portable live fire extinguisher training tool for public fire prevention education. When citizens are trained properly, fire extinguishers provide a safe method for extinguishing small fires, as opposed to allowing an incipient fire to develop into a larger conflagration, potentially threatening life and property.

5. Type of Project or Acquisition

<input type="checkbox"/> Replacement	<input checked="" type="checkbox"/> New
<input type="checkbox"/> Renovation	<input type="checkbox"/> Expansion
<input type="checkbox"/> Equipment	<input type="checkbox"/> Land

6. Project Justification

Firefighters currently use a low tech burn pan and combustible fuel accelerant to provide fire extinguisher training. The current process is less controlled, weather dependent, expensive, and exposes users/trainers/property to hazards from burning materials and products of combustion. Suitable outdoor space for live burn training is limited to open areas, and the programs often require the trainees to travel to the Fire Department to complete the extinguisher training. Carbon dioxide and dry chemical extinguishers both release chemicals into the environment every time we instruct. Using in-service fire extinguishers is realistic, however requires potentially life/property saving equipment to be taken out of service. We then incur the expense of recharging extinguishers after every training session. Requests for public fire extinguisher training are increasing, and the fire extinguisher simulation during the annual Nags Head Fire Prevention Youth Night is a popular attraction with hundreds taking part in this educational exercise. In the previous fiscal year, the fire department instructed 50 individuals in fire extinguisher use, and anticipates increased marketing of this program if we can acquire the proper training tools. In closing, this project will help provide effective and immediate emergency response to mitigate hazards, prevent fatalities, injuries, and property loss, while enhancing our public fire prevention outreach programming. This in turn will enable citizens, businesses and governmental employees to use fire extinguishers safely and effectively.

7. Implementation/Acquisition Schedule

Project Category	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Beyond 2021
Planning and Design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Land and Land Acquisition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment Acquisition	<input checked="" type="checkbox"/>	<input type="checkbox"/>				
Miscellaneous	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. Operating Budget Impact

	Personnel:	Capital/One Time Costs	Maintenance/ Operating Costs:	Other:	Total:
FY 2017:		\$13,000			\$13,000
FY 2018:			\$300		\$300
FY 2019:			\$300		\$300
FY 2020:			\$300		\$300
FY 2021:			\$300		\$300

9. Additional or Alternate Funding Sources

	FY 2017:	FY 2018:	FY 2019:	FY 2020:	FY 2021:	Beyond 2021:	Total:
Reserve:							\$0
Grants:	\$12,350						\$12,350
Other:							\$0
Other:							\$0

