TOWN ADMINISTRATOR PROPOSED 2021-2030 Capital Improvement Program

Page #									T		
15	Fire Department	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
16	Thermal imaging Camera	12,000		12,000		12,000		12,000			
	Beech Hill Tower Installation	68,000		, , , , , , ,		12,000					
	Radio Simulcast Upgrades	720,000							"		
	Fire Station Alerting System	50,000									
	SCBA Decontamination Washer	34,000		•			•		1		
21	Fire Station Climate Control System	150,000									-
	Breathing Apparatus Filling Station	60,000		-			-		`		-,
23	Turnout Gear Replacement		90,000						-		
24	Water Rescue Craft Replacement		37,000								
25	Records Management System		50,000						1		
26	Asst. Chief Vehicle Replacement			75,000							
27	Replace and Update Microwave Link			180,000							
28	Réscue 1 Replacement			500,000							
29	Tanker Refurbishment				150,000						
30	Utility Truck Replacement					55,000					
31	Forestry Unit Replacement					80,600					
32	Engine 1 Refurbishment					250,000					
33	Chief Vehicle Replacement						75,000				_
34	SCBA Replacements						220,000				
35	Airbags for Vehicle Extrication						10,000		_		_
36	Portable Radio Replacements						45,000	45,000	45,000		
37	New Fire Station							20,000,000			
38	Fire Prevention Vehicle Replacement							35,000			
39	Defibrillator Replacement							, ,		75,000	
40	Tower Ladder Replacement									1,240,000	
41	Engine 2 Refurbishment									250,000	
42	Automated CPR Device									16,000	
43	Extrication Tools Replacement		,					ļ			30,000
44	Automated External Defibrillators (AEDs)						-				20,000
	FIRE TOTALS	1,094,000	177,000	767,000	150,090	397,600	350,000	20,092,000	45,000	1,581,000	50,000

PROJECT YEAR	2021-2023-2025-2027-2029	EQUIPMENT COST	\$12,000 per appropriation
DESCRIPTION	Thermal Imaging Camera	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to upgrade the department's thermal imaging cameras as the equipment reaches the end of its service life. Infrared technology is used to locate the seat of a fire as well as locating victims in a hazardous environment where visibility is at a minimum or is non-existent (due to smoke and/or products of combustion), locating burning light ballasts, overheated electrical equipment and appliances. It is used by the first-in crew to locate hidden fires and/or the heat sources and is a staple piece of equipment of our Rapid Intervention Team for locating downed firefighters. This equipment can be used to locate missing, lost or injured persons in the cold weather and at night.

				·
ESTIMATED COST	PURCHASE PRICE	\$	12,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$		
	NET PURCHASE PRICE	\$	12,000	
	*Accessories include lighting, rac	dios, st	riping, misc	c. equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	12,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	12,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	-	
	TOTAL PROJECT COST	\$	-	



PROJECT YEAR	2021	PROJECT COST	\$68,000
DESCRIPTION	Beech Hill Tower Installation	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The Town had previously budgeted \$200,000 for the erection of a self-supporting tower on Beech Hill. This tower is needed due to increasing difficulty with radio communication between the Town of Durham Police and Fire Departments and Strafford County Dispatch Services. It has been determined that the current antenna at Beech Hill tank is no longer able to provide the service needed due to the fact that the trees have grown and are blocking transmission signals.

A Request for Proposal was put out with a project scope for a communication tower site on Beech Hill Road. The project would consist of the procurement and construction of a new self-support tower, 160LF 6' high chain link fenced compound with one drive through gate, electrical service and other general site improvements. The tower would be fully equipped, including cable management, stand-off mounts and ice bridge to accommodate the necessary equipment. The tower equipment shall include all structural hardware required to construct and install the facility per the manufacturer's specifications and Motorola specifications.

Excavation work and a prefabricated wood framed shelter will be provided by the Durham Deparment of Public Works.

After receiving bids it has been determined that the total project cost, to include RFP procurement, construction costs, construction management and engineering/surveying costs totals \$336,000. An additional \$136,000 is required which is being requested in two separate projects of \$68,000 each under the Police and Fire Departments

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING			
	FINAL DESIGN AND ENGINEERING	\$	-	
	CONSTRUCTION ENGINEERING OVERSIGHT	\$	-	
	CONSTRUCTION COSTS (including equipment)	\$	68,000	
	CONTINGENCY	\$	<u> </u>	
·	TOTAL PROJECT COST	\$	68,000	
FINANCING:	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	•	
	BOND - TOWN PORTION	\$	34,000	
	BOND - UNH PORTION	\$	34,000	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	<u> </u>	
	TOTAL FINANCING COSTS	\$	68,000	
IF BONDED:	NUMBER OF YEARS		5	
	TOTAL PRINCIPAL	\$	68,000	
	TOTAL INTEREST (EST'D)	\$	3,000	·
	TOTAL PROJECT COST	\$	71,000	



2021	PROJECT COST	\$720,000
Radio Simulcast		
Upgrades	DEPARTMENT	Fire Department
	Radio Simulcast	Radio Simulcast

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The project is to upgrade to digital communications simulcast radio which will replace all our fixed analog radio equipment, which will reach the end of its recommended service life.

This will replace and upgrade our primary radio system consisting of repeaters and receivers. This system was put in place in 2007, the year before we first came on board with Strafford County Dispatch, and support is scheduled to expire in 2020. Land Mobile Radio (LMR) infrastructure updates include replacing fire primary and paging base station, remote site receivers and voting comparator. New equipment will be future ready supporting digital TDMA (Time Division Multiple Access) operation and mandated RF efficiency standards.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$ -	<u> </u>
	FINAL DESIGN AND ENGINEERING	\$ -	
	CONSTRUCTION ENGINEERING OVERSIGHT	\$ -	
	CONSTRUCTION COSTS (including equipment)	\$ 720,000	
	CONTINGENCY	\$ <u> </u>	
	TOTAL PROJECT COST	\$ 720,000	
FINANCING:	OPERATING BUDGET	\$ -	
	UNH - CASH	\$ -	
	BOND - TOWN PORTION	\$ 360,000	
	BOND - UNH PORTION	\$ 360,000	
	FEDERAL/STATE GRANT	\$ -	
	CAPITAL RESERVE ACCOUNT	\$ <u> </u>	
	TOTAL FINANCING COSTS	\$ 720,000	
IF BONDED:	NUMBER OF YEARS	10	
	TOTAL PRINCIPAL	\$ 720,000	
	TOTAL INTEREST (EST'D)	\$ 79,000	
	TOTAL PROJECT COST	\$ 799,000	



PROJECT YEAR	2021	EQUIPMENT COST	\$50,000
DESCRIPTION	Fire Station Alerting System	DEPARTMENT	Fire Department

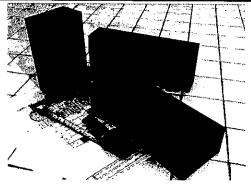
DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to replace the existing analog radio-based fire station equipment with an alerting system that is compatible with the next generation of digital radio communications and designed to integrate with the Computer-Aided Dispatch (CAD) system. (There will be components located at the fire station and dispatch center.) The system allows responders to be notified of an incoming incident (as dispatch is notified) with ramping tones, audio message, and by turning on designated lights in the station while turning off appliances such as the kitchen stove. The proposed system meets National Fire Protection Association (NFPA) 1221 standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems.

The goal of this proposal is to help units respond more quickly and efficiently, increase responder situational awareness and mental preparedness, and to reduce cardiac stress and anxiety with ramped tones.

The existing system will not work with digital radio communications and is not capable of modification.

ESTIMATED COST	PURCHASE PRICE	\$	50,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$		
	NET PURCHASE PRICE	\$	50,000	
	*Accessories include lighting, radi	os, stripi	ng, misc. e	quipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	. \$	-	
	BOND - UNH PORTION	\$	-	
·	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	<u></u> \$	50,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	50,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	. \$	-	
•	TOTAL PROJECT COST	\$	-	

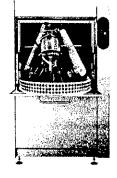


PROJECT YEAR	2021	EQUIPMENT COST	\$34,000
DESCRIPTION	SCBA Decontamination Washer	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to purchase an SCBA Decontamination Washer to clean and disinfect personal protective equipment (PPE) such as self-contained breathing apparatus (SCBA) masks, bottles, pack frames, helmets, etc. after it has been exposed and contaminated by products of combustion, particulate matter, and/or a variety of EMS undesirables. Contaminated PPE may not be cleaned in conventional laundry machines. The SCBA Decontamination Washer allows the department to provide a level of health and safety for the member's gear and equipment which is aligned with evolving industry standards and current cancer presumption practices.

ESTIMATED COST	PURCHASE PRICE	\$	34,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$	14	•
	NET PURCHASE PRICE	\$	34,000	
	*Accessories include lighting, radi	os, stripi	ng, misc. e	equipment.
FINANCING	OPERATING BUDGET	\$	-	· · · · · · · · · · · · · · · · · · ·
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$		
	CAPITAL RESERVE ACCOUNT	\$	34,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	. \$	34,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	_\$	· <u>-</u> .	
	TOTAL PROJECT COST	\$		

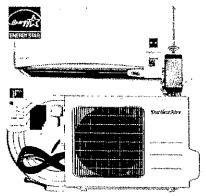


PROJECT YEAR	2021	PROJECT COST	\$150,000				
DESCRIPTION	Fire Station Climate Control System	DEPARTMENT	Fire Department				
DESCRIPTION /TO INCLUDE HIGHERATIONS							

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The purpose of this proposal is to install a climate control system within the existing fire station facility. Installing ductless split HVAC units would increase energy efficiency and would eliminate the repair and replacement costs for air conditioning units which are in windows in each administrative office as well as the kitchen, conference room and living quarters.

ESTIMATED COST	PURCHASE PRICE	\$	150,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$		
	NET PURCHASE PRICE	\$	150,000	
	*Accessories include lighting, rac	lios, st	riping, misc	c. equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	75,000	
	BOND - UNH PORTION	\$	75,000	
	FEDERAL/STATE GRANT	\$		
	CAPITAL RESERVE ACCOUNT	\$		*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	150,000	
IF BONDED:	NUMBER OF YEARS	\$	5	
	TOTAL PRINCIPAL	\$	150,000	
	TOTAL INTEREST (EST'D)	\$	6 <u>,</u> 500	-
	TOTAL PROJECT COST	\$	156,500	



PROJECT YEAR	2021	EQUIPMENT COST	\$60,000
DESCRIPTION	Breathing Apparatus Filling Station	DEPARTMENT	Fire Department
	CLUDE ILISTISICATION).	DEI / ((TO)EI (T)	1 no Dopartment

DESCRIPTION (TO INCLUDE JUSTIFICATION):

In 2019, a CIP project in the amount of \$45,000 was approved by the Town Council to add a new self-contained breathing apparatus (SCBA) filling station to refill our airpacks onsite at the fire station. Since 2019, however, the SCBA technology has changed significantly resulting in airpacks that are lighter and function for a longer period of time. This proposal is to request an additional \$60,000 as the rapidly evolving technologly necessitates upgrading to the next generation of compressors and filling stations which are significantly higher in cost than what was originally planned. By having the SCBA filling station onsite, it will reduce time out of the station for our personnel to refill the airpacks off-site and will ensure that we continually maintain the air in our cylinders and that they are always at the ready when needed.

ESTIMATED COST	PURCHASE PRICE	\$	60,000	
	ACCESSORIES*	\$	-	* * .
	LESS TRADE-IN**	\$		
	NET PURCHASE PRICE	\$	60,000	
	*Accessories include lighting, radios	s, striping,	misc. equip	oment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	_	
	UNH PORTION	\$.	-	
	FEDERAL/STATE GRANT	\$	•	
	CAPITAL RESERVE ACCOUNT	\$	60,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	60,000	• .
IF BONDED:	NUMBER OF YEARS	<u>-</u>	N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	-	•
	TOTAL PROJECT COST	\$	-	



PROJECT YEAR	2022	EQUIPMENT COST	\$90,000
DESCRIPTION	Turnout Gear Replacement	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

Purchase a department-wide compliment of turnout gear or personal protective equipment (PPE) to replace inventory purchased in 2012.

A set of PPE typically consists of a protective coat, a pair of protective pants tailored for each individual, boots, helmet, hood, gloves, suspenders, flashlights, forestry shirts. In 2012, the department purchased a new PPE ensemble for all personnel which permitted their existing PPE to serve as secondary or backup gear (which is required under the union contract as well as needed for daily use due to laundering and service). Backup PPE is used when primary gear has been in a hazardous environment or exposed to contaminants and requires cleaning.

ESTIMATED COST	PURCHASE PRICE	\$	90,000	
	ACCESSORIES*	\$	-	
	NET PURCHASE PRICE	\$	90,000	
	*Accessories include lighting, rad	lios, str	iping, misc	:. equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
: !	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	*	
	CAPITAL RESERVE ACCOUNT	\$	90,000	*Funded 50/50 by Town and UNH
<u> </u>	TOTAL FINANCING COSTS	\$	90,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	-	
	TOTAL PROJECT COST	\$		



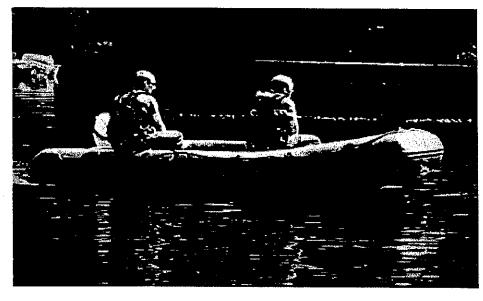
PROJECT YEAR	2022	EQUIPMENT COST	\$37,000
DESCRIPTION	Water Rescue Craft and Trailer	DEPARTMENT	Fire Department
DESCRIPTION (TO INC	PLUDE HISTIFICATIONS.		·

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to add a rigid inflatable boat (RIB) equipped with an outboard motor to the department's water rescue capabilities to perform support search and rescue operations in the Oyster River, Great Bay, and Little Bay.

The water craft will be equipped with water rescue gear and equipment. This proposal also includes a trailer to transport and deploy the water craft.

	<u> </u>			
ESTIMATED COST	PURCHASE PRICE	\$	37,000	
	ACCESSORIES*			
	LESS TRADE-IN**	\$	met .	
	NET PURCHASE PRICE	\$	37,000	•
	*Accessories include lighting, rad	ios, strij	oing, misc.	equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
•	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	•
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	37,000	*Funded 50/50 by Town and UNH
•	TOTAL FINANCING COSTS	\$	37,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$		
	TOTAL PROJECT COST	\$	-	<u> </u>

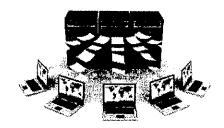


PROJECT YEAR	2022	PROJECT COST	\$50,000
DESCRIPTION	Records Management System	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The purpose of this proposal is to replace the department's current record management system which is a legacy program with an uncertain future. Upgrading to a fully-supported record management system would allow the fire department to efficiently, effectively, and accurately identify, classify, store, secure, retrieve, track and destroy or preserve records in compliance with the National Fire Incident Reporting System (NFIRS) as well as local and federal laws. Records management also serves to evaluate the progress of the organization and helps in historical comparisons between one period of time and another which proves useful in future decision making for the allocation of resources and personnel.

ESTIMATED COST	PURCHASE PRICE	\$	50,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$	-	
	NET PURCHASE PRICE	\$	50,000	
	*Accessories include lighting, rac	dios, str	iping, misc	c. equipment.
FINANCING	OPERATING BUDGET	\$		
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$. •	
	CAPITAL RESERVE ACCOUNT	\$	50,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	50,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$		<u>.</u>
	TOTAL PROJECT COST	\$		



PROJECT YEAR	2023	VEHICLE COST	\$75,000
	Assistant Chief Vehicle Replacement		
DESCRIPTION	(Car 2)	DEPARTMENT	Fire Department
DECORIDERON (TO	MOLUDE HIGHER ATION		

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The purpose of this proposal is to replace the current assistant chief's command vehicle.

Vehicle to be replaced: 2013 Chevy Suburban

ESTIMATED COST	PURCHASE PRICE	\$	45,000	
	ACCESSORIES*	\$	30,000	
	LESS TRADE-IN**	\$	-	
: :	NET PURCHASE PRICE	\$	75,000	
	*Accessories include lighting, rac	dios, str	iping, misc	c. equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	_	
	BOND - TOWN PORTION	- \$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	75,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	75,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$		
	TOTAL PROJECT COST	\$		



PROJECT YEAR	2023	PROJECT COST	\$180,000
DESCRIPTION	Replace and Update Microwave Link	DEPARTMENT	Fire Department
DESCRIPTION (TO	INCLUDE JUSTIFICATION):		

Replace and update the backup storage system for the Strafford County Dispatch Center microwave link. This link was installed in 2013 as additional equipment to provide clarity in radio transmission. Microwave system updates include replacement of remote site critical and non-critical links (6) with associated antennas, network equipment and power systems. This replacement/upgrade encompasses the entire loop of the microwave link.

ESTIMATED COST	PURCHASE PRICE	\$	180,000	
	ACCESSORIES*	\$	_	
	LESS TRADE-IN**	\$		
	NET PURCHASE PRICE	\$	180,000	
	*Accessories include lighting, rad	ios, str	riping, misc	equipment.
FINANCING	OPERATING BUDGET	\$	-	
•	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	90,000	
	BOND - UNH PORTION	\$	90,000	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	-	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	180,000	
IF BONDED:	NUMBER OF YEARS		5	
	TOTAL PRINCIPAL	\$	180,000	
	TOTAL INTEREST (EST'D)	\$	8,100	
	TOTAL PROJECT COST	\$	188,100	



PROJECT YEAR	2023	VEHICLE COST	\$500,000
DESCRIPTION	Rescue 1 Replacement	DEPARTMENT	Fire Department
DESCRIPTION /TO INC	LUDE HISTIEICATIONS		

Replace the 2001 International 4400 series truck with a similar walk-in rescue body. This piece of apparatus is designed to support our technical rescue services, including motor vehicle accidents, industrial accidents, water/ice rescue, hazardous materials and confined space.

Vehicle to be replaced: 2001 International 4400

ESTIMATED COST	PURCHASE PRICE	\$	500,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$	_	;
	NET PURCHASE PRICE	\$	500,000	·
	*Accessories include lighting, radios	s, striping,	misc. equipment.	
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	250,000	
	BOND - UNH PORTION	\$	250,000	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	· 	
	TOTAL FINANCING COSTS	\$	500,000	
IF BONDED:	NUMBER OF YEARS	-	10	
	TOTAL PRINCIPAL	\$	500,000	
	TOTAL INTEREST (EST'D)	· _\$	55,000	
	TOTAL PROJECT COST	\$	555,000	<u> </u>



PROJECT YEAR	2024	VEHICLE COST	\$150,000
DESCRIPTION	Tanker Refurbishment	DEPARTMENT	Fire Department
DESCRIPTION (TO INC	LUDE HICTICICATIONS		

DESCRIPTION (TO INCLUDE JUSTIFICATION):

In keeping with our commitment to extend the useful life of our major fire apparatus and as a result, the most value to the community, we plan for a partial refurbishment of all major pieces of fire apparatus, at the mid-point of their estimated 25 year life span.

Vehicle to be refurbished: 2012 Marion Tanker

ESTIMATED COST	PURCHASE PRICE	\$	150,000	
	ACCESSORIES*	\$	*	
	LESS TRADE-IN**	\$	-	
:	NET PURCHASE PRICE	\$	150,000	
	*Accessories include lighting, rad	lios, stri	iping, misc	. equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	75,000	
•	BOND - UNH PORTION	\$	75,000	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	_	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	150,000	
IF BONDED:	NUMBER OF YEARS		10	
	TOTAL PRINCIPAL	\$	150,000	
	TOTAL INTEREST (EST'D)	\$	16,500	·
	TOTAL PROJECT COST	\$	166,500	
	2.335.3			



PROJECT YEAR	2025	VEHICLE COST	\$55,000
DESCRIPTION	Utility Truck Replacement	DEPARTMENT	Fire Department
DESCRIPTION (TO INC	LIDE HISTIFICATION)		· · · · · · · · · · · · · · · · · · ·

This proposal is to replace the department's utility truck after 12 years of service with a similar vehicle. This vehicle is equipped with a radio and emergency lighting.

Vehicle to be replaced: 2013 Chevy Silverado

ESTIMATED COST	PURCHASE PRICE	\$	55,000	
	ACCESSORIES*	\$	u u	
	LESS TRADE-IN**	\$	-	•
	NET PURCHASE PRICE	\$	55,000	
	*Accessories include lighting, radi	ios, strip	ing, misc.	equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	55,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	55,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	•	
	TOTAL PROJECT COST	\$	-	

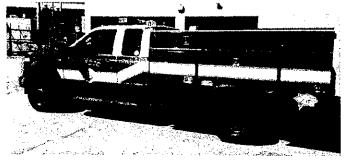


PROJECT YEAR	2025	VEHICLE COST	\$80,600
DESCRIPTION	Forestry Unit Replacement	DEPARTMENT	Fire Department
DESCRIPTION (TO IN	CLUDE JUSTIFICATION):		

This proposal is to replace the Forestry Unit with a similar unit, including a water tank and forestry pump.

Vehicle to be replaced: 2010 F-350 4x4 with utility body

PURCHASE PRICE	\$	58,000	
ACCESSORIES*	\$	22,600	
LESS TRADE-IN**	\$		
NET PURCHASE PRICE	\$	80,600	
*Accessories include lighting, rac	dios, stri	ping, misc	equipment.
OPERATING BUDGET	\$	-	
UNH - CASH	\$		
BOND - TOWN PORTION	\$	-	
BOND - UNH PORTION	\$	_	
FEDERAL/STATE GRANT	\$	-	
CAPITAL RESERVE ACCOUNT	_\$	80,600	*Funded 50/50 by Town and UNH
TOTAL FINANCING COSTS	\$	80,600	
NUMBER OF YEARS		N/A	
TOTAL PRINCIPAL	\$	-	
TOTAL INTEREST (EST'D)	\$		
	ACCESSORIES* LESS TRADE-IN** NET PURCHASE PRICE *Accessories include lighting, rad OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL	ACCESSORIES* LESS TRADE-IN** NET PURCHASE PRICE *Accessories include lighting, radios, stri OPERATING BUDGET UNH - CASH BOND - TOWN PORTION BOND - UNH PORTION FEDERAL/STATE GRANT CAPITAL RESERVE ACCOUNT TOTAL FINANCING COSTS NUMBER OF YEARS TOTAL PRINCIPAL \$	ACCESSORIES* \$ 22,600 LESS TRADE-IN** \$ - NET PURCHASE PRICE \$ 80,600 *Accessories include lighting, radios, striping, misc. OPERATING BUDGET \$ - UNH - CASH \$ - BOND - TOWN PORTION \$ - BOND - UNH PORTION \$ - FEDERAL/STATE GRANT \$ - CAPITAL RESERVE ACCOUNT \$ 80,600 NUMBER OF YEARS N/A TOTAL PRINCIPAL \$ -



PROJECT YEAR	2025	VEHICLE COST	\$250,000
DESCRIPTION	Engine 1 Refurbishment	DEPARTMENT	Fire Department
DECCRIPTION (TO INC	LUDE HICTIEICATIONS		···

DESCRIPTION (TO INCLUDE JUSTIFICATION):

In keeping with our commitment to extend the useful life of our major fire apparatus and as a result, the most value to the community, we plan for a partial refurbishment of all major pieces of fire apparatus at the mid-point of their estimated 20 year life span.

Vehicle to be reburbished: 2015 Spartan/Marion Metrostar Engine

ESTIMATED COST	PURCHASE PRICE	\$	250,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	_\$	-	
	NET PURCHASE PRICE	\$	250,000	
	*Accessories include lighting, radio	s, stripinç	g, misc. equ	ipme
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	125,000	
	BOND - UNH PORTION	\$	125,000	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	- \$	•	
	TOTAL FINANCING COSTS	\$	250,000	
IF BONDED:	NUMBER OF YEARS	\$	10	
	TOTAL PRINCIPAL	\$	250,000	
	TOTAL INTEREST (EST'D)	\$	27,500	
	TOTAL PROJECT COST	\$	277,500	



PROJECT YEAR	2026	PROJECT COST	\$75,000
	Fire Chief Vehicle Replacement		
DESCRIPTION	(Car 1)	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

In 2016 a Chevy Tahoe was purchased and assigned to the Fire Chief to be used for daily response to calls as well as incident command. This vehicle should be replaced with a comparable vehicle.

After 10 years of front line service, this vehicle needs to be evaluated for its suitability for emergency operations.

Vehicle to be replaced: 2016 Chevy Tahoe

				,
ESTIMATED COST	PURCHASE PRICE	\$	45,000	
	ACCESSORIES*	\$	30,000	
	LESS TRADE-IN**	\$		
	NET PURCHASE PRICE	\$	75,000	
	*Accessories include lighting, rad	ios, strip	ing, misc.	equipment.
FINANCING	OPERATING BUDGET	\$	_	
	UNH - CASH	\$	-	
!	BOND - TOWN PORTION	\$	-	·
	BOND - UNH PORTION	\$	•	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	_\$	75,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	75,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	•	
	TOTAL PROJECT COST	\$	-	

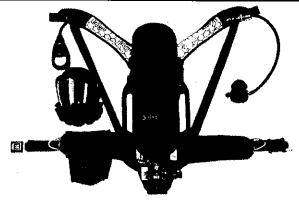


PROJECT YEAR	2026	PROJECT COST	\$220,000
DESCRIPTION	SCBA Replacements	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The department maintains 28 Self-Contained Breathing Apparatus (SCBA) units that will need to be replaced as they reach their recommended service life. Each of the 28 SCBA units have 2 bottles of breathing air, one bottle on the unit and one replacement bottle. The department also maintains an additional 3 rescue kits designed for rescuing downed firefighters that bring the inventory to a total of 59 individual SCBA bottles.

	TOTAL PROJECT COST	\$	244,200	
	TOTAL INTEREST (EST'D)	\$	24,200	
	TOTAL PRINCIPAL	.\$	220,000	
IF BONDED:	NUMBER OF YEARS		10	
<u> </u>	TOTAL FINANCING COSTS	\$	220,000	<u> </u>
	CAPITAL RESERVE ACCOUNT	\$	<u>, </u>	*Funded 50/50 by Town and UNH
	FEDERAL/STATE GRANT	\$	-	
	BOND - UNH PORTION	\$	110,000	
	BOND - TOWN PORTION	\$	110,000	
	UNH - CASH	\$	-	
FINANCING	OPERATING BUDGET	\$	_	
	*Accessories include lighting, rad	ios, str	iping, misc	. equipment.
	NET PURCHASE PRICE	\$	220,000	
	LESS TRADE-IN**	\$	-	
. •	ACCESSORIES*	\$	-	
ESTIMATED COST	PURCHASE PRICE	\$	220,000	



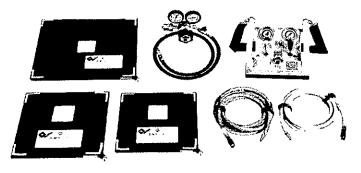
PROJECT YEAR	2026	PROJECT COST	\$10,000
DESCRIPTION	Air Bag Replacements	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

Purchase Air Bags to replace our current air bags which were purchased in 2013. Air bags are used for lifting or moving heavy objects, equipment, and vehicles or can be used in situations involving farm machinery, industrial entrapments and building collapses. When these airbags are used, victims and firefighters are often required to work under or in close proximity to the heavy loads they are lifting.

Although these air bags are tested annually, they are subjected to large amounts of stress, lifting objects up to 32 tons. These forces can create areas of fatigue that cannot be seen. The intention of this purchase is to begin replacing the air bags on a 10 - 15 year cycle per the manufacturer's recommendation.

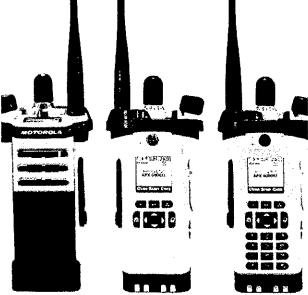
ESTIMATED COST	PURCHASE PRICE	\$	10,000	
	ACCESSORIES*	\$	-	,
	LESS TRADE-IN**	\$		
	NET PURCHASE PRICE	\$	10,000	
	*Accessories include lighting, ra	dios, s	striping, mi	sc. equipment.
FINANCING	OPERATING BUDGET	\$	-	
•	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	10,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	10,000	
IF BONDED:	NUMBER OF YEARS		N/A	
·	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$		
	TOTAL PROJECT COST	\$	_	



PROJECT YEAR	2026 - 2027 - 2028	PROJECT COST	\$45,000 per appropriation	
DESCRIPTION	Portable Radio Replacements	DEPARTMENT	Fire Department	
DESCRIPTION (TO IN	CLUDE JUSTIFICATION):	·	<u> </u>	_

The Fire Department maintains a minimum stock of 54 handheld portable radios which are essential for critical communication between personnel, apparatus and dispatch. We need to replace portables over the course of three years. This will ensure that our portables remain under warranty and by cycling these over a three year period, we are not making a significant purchase at one time, but in smaller increments.

			2026	 2027	2028	· · · · · · · · · · · · · · · · · · ·
ESTIMATED COST	PURCHASE PRICE	\$	45,000	\$ 45,000	\$ 45,000	<u>. </u>
FINANCING:	OPERATING BUDGET	\$	-	\$	\$, -	
	UNH - CASH	\$	-	\$ -	\$ -	
	BOND - TOWN PORTION	\$	-	\$ -	\$ -	
	BOND - UNH PORTION	\$	-	\$ •	\$ -	•
	FEDERAL/STATE GRANT	\$	-	\$ •	\$ -	
	CAPITAL RESERVE ACCOUNT	\$	45,000	\$ 45,000	\$ 45,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	45,000	\$ 45,000	\$ 45,000	
IF BONDED:	NUMBER OF YEARS		N/A	N/A	N/A	
	TOTAL PRINCIPAL	\$	•	\$ -	\$	
	TOTAL INTEREST (EST'D)	_\$		\$ -	\$ - _	
	TOTAL PROJECT COST	\$		\$	\$	•



PROJECT YEAR	2027	PROJECT COST	\$20,000,000		
DESCRIPTION	New Fire Station	DEPARTMENT	New Fire Station		
IMPETUS FOR PROJECT (IE. MANDATED, COUNCIL GOAL, DEPT INITIATIVE, ETC.)					

DESCRIPTION (TO INCLUDE JUSTIFICATION)

This project calls for building a new fire station. The current fire station was designed as a service building and not a fire station. The current fire station does not meet the needs of our community or the safety of our firefighters. Each year the building goes through major costly disruptive repairs and will continue to be a poor investment for many years to come, with little or no improvement to the living conditions. The current fire station is not ADA compliant and the sleeping quarters are not compliant for different gender use. The apparatus bays do not allow for proper maintenance of our apparatus during winter months due to the tight space for apparatus storage. The driveway is less than desirable for apparatus response and the turning radius to exit the building is costly on the maintenance of our apparatus and is a safety concern for our firefighters as they rapidly turn out of the fire station.

The Town and UNH are discussing building a new Public Safety Complex to include the Durham Fire Department, UNH Police Department, and possibly McGregor Memorial EMS.

ESTIMATED COSTS:	PRELIMINARY STUDY, DESIGN AND ENGINEERING	\$ -
•	FINAL DESIGN AND ENGINEERING	\$ -
	CONSTRUCTION ENGINEERING OVERSIGHT	\$ -
	CONSTRUCTION COSTS	\$ 20,000,000
	CONTINGENCY	\$
	TOTAL PROJECT COST	\$ 20,000,000
FINANCING	OPERATING BUDGET	\$ -
	UNH - CASH	\$ -
	BOND - TOWN PORTION	\$ 4,000,000
	BOND - UNH PORTION	\$ 16,000,000
	FEDERAL/STATE GRANT	\$ -
	CAPITAL RESERVE ACCOUNT	<u> </u>
	TOTAL FINANCING COSTS	\$ 20,000,000
IF BONDED:	NUMBER OF YEARS	20
	TOTAL PRINCIPAL	\$ 20,000,000
	TOTAL INTEREST	<u>\$</u> 5,250,000_
	TOTAL ESTIMATED COST	\$ 25,250,000
		STREET,

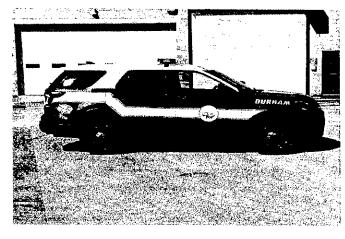


PROJECT YEAR	2027	VEHICLE COST	\$35,000
DESCRIPTION	Fire Prevention Vehicle Replacement (Car 4)	DEPARTMENT	Fire Department
DESCRIPTION (TO	INCLUDE JUSTIFICATION):		

The Fire Prevention vehicle is used daily by the fire inspectors and is utilized for day-to-day inspections and fire prevention activities.

Vehicle to be replaced: 2016 Ford Explorer

ESTIMATED COST	PURCHASE PRICE	\$.	35,000	
LOTHINATED COST		⊅ .	35,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	_\$		
	NET PURCHASE PRICE	\$	35,000	
	*Accessories include lighting, rad	ios, strip	ing, misc.	equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	35,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	35,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	. \$	<u> </u>	
	TOTAL PROJECT COST	\$	-	



PROJECT YEAR	2029	EQUIPMENT COST	\$75,000
DESCRIPTION	Defibrillator/Monitor Replacement	DEPARTMENT	Fin Bound
DESCINI HON	Neplacement	DELAKTIMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to purchase two cardiac defibrillator monitors which will replace the two Zoll X Series cardiac monitors that the Durham Fire Department purchased in 2019.

ESTIMATED COST	PURCHASE PRICE	\$	75,000	
	ACCESSORIES*	\$.	-	
	LESS TRADE-IN**	\$	<u>.</u>	
	NET PURCHASE PRICE	\$	75,000	
	*Accessories include lighting, radios	s, striping	, misc. equipme	ent.
FINANCING	OPERATING BUDGET	\$	•	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	-	
	UNH PORTION	\$	-	
'	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	75,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS	\$	75,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	•	
	TOTAL INTEREST (EST'D)	_\$	*	
·	TOTAL PROJECT COST	\$	· ·	



PROJECT YEAR	2029	VEHICLE COST	\$1,240,000
DESCRIPTION	Tower Ladder Replacement	DEPARTMENT	Fire Department
DECODIDATION (TO IN	NUDE HIOTICIOATION		

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is for the replacement of the department's 2015 tower ladder apparatus at the projected end of service life.

ESTIMATED COST	PURCHASE PRICE	\$	1,240,000		
	ACCESSORIES*	\$	-		
	LESS TRADE-IN**	\$	-		
	NET PURCHASE PRICE	\$	1,240,000		
	*Accessories include lighting, radio	s, stripin	g, misc. equip	pment.	
FINANCING	OPERATING BUDGET	\$	-		
	UNH - CASH	. \$			
	BOND - TOWN PORTION	\$	620,000		
	BOND - UNH PORTION	\$	620,000		
	FEDERAL/STATE GRANT	\$	•		
	CAPITAL RESERVE ACCOUNT	\$	-		
	TOTAL FINANCING COSTS	\$	1,240,000		
IF BONDED:	NUMBER OF YEARS	\$	20		
	TOTAL PRINCIPAL	\$	1,240,000		
•	TOTAL INTEREST (EST'D)	\$	325,500		
	TOTAL PROJECT COST	\$	1,565,500		



DECODIDATION.					DECODINE ON THE
PROJECT YEAR 2029 VEHICLE COST \$250,000	nent	Fire Department	DEPARTMENT	Engine 2 Refurbishment	DESCRIPTION
)	\$250,000	VEHICLE COST	2029	PROJECT YEAR

DESCRIPTION (TO INCLUDE JUSTIFICATION):

In keeping with our commitment to extend the useful life of our major fire apparatus and as a result, the most value to the community, we plan for a partial refurbishment of all major pieces of fire apparatus, at the mid-point of their estimated 20 year life span.

Vehicle to be reburbished: 2018 Spartan/Marion Metrostar Engine

ESTIMATED COST	PURCHASE PRICE	\$	250,000			-
	ACCESSORIES*	\$	-			
	LESS TRADE-IN**	\$				
	NET PURCHASE PRICE	\$	250,000			
	*Accessories include lighting, radio	s, striping	յ, misc. equip	oment.		
FINANCING	OPERATING BUDGET	\$	-		-	
	UNH - CASH	\$	-			
	BOND - TOWN PORTION	\$	125,000			
	BOND - UNH PORTION	\$	125,000			
	FEDERAL/STATE GRANT	\$	-			
	CAPITAL RESERVE ACCOUNT	\$	-			
	TOTAL FINANCING COSTS	\$	250,000			
IF BONDED:	NUMBER OF YEARS	\$	10			
·	TOTAL PRINCIPAL	\$.	250,000			
	TOTAL INTEREST (EST'D)	\$	27,500			
	TOTAL PROJECT COST	\$	277,500			÷

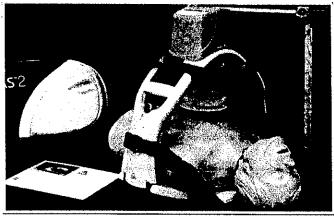


PROJECT YEAR	2029	соѕт	\$16,000
DESCRIPTION	Automated CPR Device	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

This proposal is to purchase one Automated Chest Compression Device which provides continuous CPR at the correct rate and depth for EMS providers. Automated CPR devices lessens fatigue on providers and ensures consistent CPR performance while moving, carrying, loading, and unloading the patient. It allows automation of CPR and maximizes responder resources, permitting staff to focus on Advanced Life Support treatments which include administration of ALS cardiac medications, initiate fluid resuscitation, and treating underlying causes of the cardiac arrest.

ESTIMATED COST	PURCHASE PRICE	\$	16,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$	-	
	NET PURCHASE PRICE	\$	16,000	
	*Accessories include lighting, rad	ios, strip	oing, misc	equipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	16,000	*Funded 50/50 by Town and UNH
	TOTAL FINANCING COSTS			
IF BONDED:	NUMBER OF YEARS		N/A	· · · · · · · · · · · · · · · · · · ·
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$		
	TOTAL PROJECT COST	\$		<u> </u>



PROJECT YEAR	2030	соѕт	\$30,000
DESCRIPTION	Extrication Tools Replacement	DEPARTMENT	Fire Department

DESCRIPTION (TO INCLUDE JUSTIFICATION):

The department maintains a full complement of hydraulic rescue tools such as cutters, spreaders, and rams, etc. which are frequently utilized at the scene of motor vehicle accidents and/or other incidents which require victim extrication. Since the tools are used for critical life safety operations, it is imperative that the tools be replaced when necessary so that they are in optimal working order when needed.

<u></u>				
ESTIMATED COST	PURCHASE PRICE	\$	30,000	•
	ACCESSORIES*	\$	•	
	LESS TRADE-IN**	_\$	-	
	NET PURCHASE PRICE	\$	30,000	
·	*Accessories include lighting, radio	os, striping,	, misc. eq	uipment.
FINANCING	OPERATING BUDGET	\$	-	
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	ų.	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	30,000	*Funded 50/50 by Town and UNH
<u> </u>	TOTAL FINANCING COSTS	\$	30,000	
IF BONDED:	NUMBER OF YEARS	\$	=	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$	-	
	TOTAL PROJECT COST	\$		



PROJECT YEAR	2030	COST	\$20,000
	Automated External Defibrillators		
DESCRIPTION	(AEDs)	IDEPARTMENT	Fire Department

The fire department's Automated External Defibrillators (AEDs) are maintained in staff vehicles, seconddue fire apparatus, and with detail crews at special events. This proposal is to purchase replacement AEDs which will be at the end of their 10 year service life.

ESTIMATED COST	PURCHASE PRICE	\$	20,000	
	ACCESSORIES*	\$	-	
	LESS TRADE-IN**	\$	les.	
	NET PURCHASE PRICE	\$	20,000	
	*Accessories include lighting, rad	ios, strij	oing, misc	equipment.
FINANCING	OPERATING BUDGET	\$	-	<u> </u>
	UNH - CASH	\$	-	
	BOND - TOWN PORTION	\$	-	
	BOND - UNH PORTION	\$	-	
	FEDERAL/STATE GRANT	\$	-	
	CAPITAL RESERVE ACCOUNT	\$	20,000	*Funded 50/50 by Town and UNF
	TOTAL FINANCING COSTS	\$	20,000	
IF BONDED:	NUMBER OF YEARS		N/A	
	TOTAL PRINCIPAL	\$	-	
	TOTAL INTEREST (EST'D)	\$		-
	TOTAL PROJECT COST	\$	_	

