



# MILFORD FIRE DEPARTMENT

21 BIRCH STREET  
MILFORD, MASSACHUSETTS 01757

MARK A. NELSON, CHIEF  
MICHAEL J. DETORE, DEPUTY

Telephone: 508-473-1214 • Fax: 508-473-4858 • Inspections: 508-473-2256

August 7, 2023

Finance Committee Capital Subcommittee  
c/o Mr. Al Correia  
52 Main Street  
Milford, Massachusetts 01757

RE: FY24 Capital Information

Dear Mr. Correia,

Please consider the following capital items for funding.

## **Staff Car**

### *Question 1: What is the issue?*

A new staff SUV vehicle purchase will maintain an adequate amount of vehicles for department business. The last staff vehicle was appropriated in April 2019 and delivered in December 2019. The new staff vehicle will be designed for emergency response and incident command. This purchase will maintain our capability to conduct department business, including inspections, and reduce commuting mileage expenses. If approved, a new staff vehicle purchase will occur every four years. The goal is to maintain five total staff vehicles and this plan does not increase the frequency of staff vehicle purchases.

### *Question 2: How will it be addressed?*

The Staff Vehicle price increased to \$75,000 and includes the mobile radio, emergency vehicle modifications, and command cabinet. This purchase maintains the current rotation of staff vehicles and follows the vehicle purchase plan utilized for many years. The difference is two additional vehicles will be maintained instead of auctioned. I plan to maintain five staff vehicles with the fifth vehicle's primary function as backup and commuting to classes. This plan also reduces the wear on our plow truck. The current purchasing rotation does not change.

### *Question 3: What alternatives do we have?*

The alternatives are to delay the appropriation until the 2024 Annual Town Meeting or for another year. The purchase and delivery could shift to January 2025. Vehicle modifications and supply chain issues have delayed deliveries. Capital items planned

for Fall Town Meeting 2024 currently total \$314,000 and the Staff Car would be added to this projection. The Air Supply vehicle for \$70,000 may be removed from the plan reducing the 2024 capital costs to \$244,000 plus the Staff Car.

*Question 4: What steps we have taken?*

The Operational Services Division Contract (OSD) and Plymouth County bid may be used for purchasing and upfit. A quote, picture, and specifications will be included for reference. The current vehicle fleet consists of Car-1 (Chief), Car-2 (Deputy Chief), Car-3 (Lieutenant-Inspectors), and Car-4 (Lieutenant-Training Officer). Prior to receiving Car-4, the pickup truck was frequently used by a Lieutenant-Inspector or Lieutenant-Training Officer. While feasible for daily use, the pickup truck must be available for plowing at the fire stations. It is also a heavy-duty tow vehicle for our trailers. My goal was to reduce wear on this truck and add two vehicles with little cost. The Police Department provided a Ford Taurus that was scheduled for trade-in which became Car-4. It required an investment of \$5,000 for regular maintenance and common repairs. If the staff vehicle purchase is approved, Car-3 will become Car-4, and Car-4 will become Car-5. In past years, three vehicles were kept and the former Car-3 was auctioned. Under the new five-vehicle plan, wear on the pickup truck will reduce and a commuting vehicle for the fire academy and similar locations will eliminate mileage payouts. The Staff SUV replacement frequency is not changing and we are not accepting an older vehicle into our fleet to justify replacing it with a new model. We are simply keeping additional vehicles longer and maintaining them to conduct daily operations.

*Question 5: Background data such as competitive quotes and cut sheets we propose to buy.*

Vehicle purchases will be conducted through an available contract. Quotes will be requested from Automotive Dealers included in eligible contracts. Data Sheets will be included for your review. Vehicle pricing and availability will determine which manufacturer is chosen.

*Question 6: Has your Board approved this proposal?*

The Select Board will review this request at a later date.

**Current Fleet**

Year-Make-Model	Mileage	Purpose
2024 (Expected Delivery January) To Be Determined	0	Proposed
2020 Chevrolet Tahoe 4x4	27,200	Fire Chief, Command vehicle, Take-Home
2016 Ford Expedition 4x4	58,000	Deputy Chief, Official Use

2012 Ford Expedition 4x4	68,700	Lieutenant/Fire Inspector(s), Not Take-Home
2015 Ford Taurus (acquired from PD)	96,645	Fire Inspector, Commuting in lieu of paid mileage, Not Take-Home

## **Rescue Truck**

### *Question 1: What is the issue?*

Rescue-1 is a 2018 Ford F-350 Crew Cab with 63,161 miles. The bed has a mounted rollout tray rated for 2,000 pounds. Rescue-1 was redesigned in 2018, which resulted in a gasoline engine, downsized chassis, and a significant reduction in price. The result was a more versatile and reliable vehicle for our daily response needs. An aluminum cap with side and rear access doors provides cover for a second tier of equipment storage. Rescue-1 was delivered 5-years ago and is the busiest vehicle in our fleet. While the mileage count is not extreme, the vehicle idles daily for extended periods, is driven by many operators, and is used for multiple short- trip responses every day.

### *Question 2: How will it be addressed?*

The Rescue Truck price to purchase and equip increased to \$133,000 from the projection of \$110,000. The price includes the mobile radio, several emergency vehicle modifications, tool rollout tray, and weather-tight cap with compartments. The build is similar to our current model. The quote for \$116,078 does not include the mobile radio and allows for flexibility with change orders and equipment during the construction.

### *Question 3: What alternatives do we have?*

The alternatives are to delay the appropriation until the 2024 Annual Town Meeting or for another year. The purchase and delivery could shift to January 2025. Vehicle modifications and supply chain issues have delayed deliveries. Capital items planned for Fall Town Meeting 2024 currently total \$314,000 and the Rescue Truck would be added to this projection. The Air Supply vehicle for \$70,000 may be removed from the plan reducing the 2024 capital costs to \$244,000 plus the Rescue Truck. Delaying this purchase may affect our emergency response simply because this truck is constantly utilized and is 5-years old.

### *Question 4: What steps we have taken?*

The Plymouth County bid may be used for purchasing and upfit. A quote, pictures, and specifications will be included for reference. The 2018 model was a successful design and we are going to make minor improvements. The cost of this quick response type of vehicle is less than a larger rescue truck.

*Question 5: Background data such as competitive quotes and cut sheets we propose to buy.*

Vehicle purchases will be conducted through an available contract. A quote was requested from a local municipal vehicle builder. Data Sheets will be included for your review.

*Question 6: Has your Board approved this proposal?*

The Select Board will review this request at a later date.

### **Birch Street Lighting Project**

*Question 1: What is the issue?*

The current light fixtures throughout the facility are over 30 years old. Several fixtures work intermittently or flicker and replacing bulbs has become costly. There are lights identified in the survey that contain mercury and they will be replaced in the upgrade. Apparatus bay lights are approximately 20 feet high and difficult to access for bulb replacement. The fluorescent fixtures have ballasts that are failing and bulbs that are not as efficient or last as long as modern LED fixtures and bulbs. The energy efficiency and bulb longevity will save money over time and give the station an improved appearance.

*Question 2: How will it be addressed?*

National Grid was contacted to inquire about incentives and options available for updating fixtures and bulbs and the energy savings associated with those updates. Currently, National Grid has an incentive of over \$6,000 contributed towards the project. This is a similar project to what the Library completed a couple of years ago. The energy efficiency analysis estimates the project will pay for itself in efficiency savings in just under 8 years. The Town's cost for the project is \$42,818. This would address all interior and exterior fixtures and bulbs in the building.

*Question 3: What alternatives do we have?*

The alternative would be to contract an electrician to change the malfunctioning fixtures and to bring in a lift to reach the apparatus bay lights to change the light bulbs that have burnt out. Fluorescent bulbs would still be used in the apparatus bay resulting in the same inefficiency and less bulb life we currently have, unless fixtures were modified to LED for a significant cost. By contracting with National Grid all fixtures can be upgraded and energy savings will begin at the same time maximizing the return.

*Question 4: What steps we have taken?*

We have contacted our energy supplier to inquire about what incentives they are offering along with how to be more efficient with our lighting. An energy analysis was conducted and a report showing the savings the upgraded fixtures would provide.

*Question 5: Background data such as competitive quotes and cut sheets (catalogs) for the items we propose to buy?*

Energy Conservation Inc. is an energy conservation subcontractor of National Grid. Massachusetts General Law, Part I, Title II, Chapter 25A, Section 14 states as of August 11, 2022 states that a local government body may contract for energy conservation projects that have a total project cost of \$300,000 or less, directly without further solicitation, with electric or gas utilities.

*Question 6: Has your Board approved this proposal?*

The Select Board will review this request at a later date.

### **Birch Street Training Building**

*Question 1: What is the issue?*

The training building located at the rear of the Birch Street station is a concrete three story structure approximately 32 years old, built at the time of the station's construction. The building provides the ability to train on many firefighting skills. Skills include ladders, roof work, hose advancement, search and rescue along with many others. The building also has provided the ability to conduct interior live fire training for firefighting skill development. The building recently underwent a structural evaluation conducted by the engineering firm, Elliot, LeBoeuf and McElwain, concluding the building has several issues that need to be repaired to consider it safe to use for training. Spalling concrete, a beam repair and exposed rebar are some examples of what needs to be addressed for the building to be considered structurally sound to continue using it for training. Currently the building is out of service and cannot be used for any type of training.

*Question 2: How will it be addressed?*

Several structural repair companies were contacted to evaluate and quote the repairs recommended by the engineering firm that conducted the survey. So far, Structural Preservation Systems has been the only one to conduct a site visit and provide a quote. They identified several areas where water was entering and contributing to the damage. They submitted a plan to repair the building to the recommendations of the engineering firm and also to repair areas to protect them from future water damage. The quote was for \$32,500. The Department has \$4,000 remaining in a previous article for the training building from an engineering evaluation and minor repairs. The Department is also taking off \$13,000 for paving from the Capital Plan for this current year. We are hoping that we can address this issue with the building this year with the tradeoff of the items on our plan. This would be the first step in repairing the building for use for training. This step would make the building safe for training that does not include live fire and needs to be conducted to consider the building safe for all general training. Thermal lining of rooms in the building are an additional project that will be needed to conduct live fire training again. The repairs for this project are needed to bring the building back to a safe and solid structure for training.

*Question 3: What alternatives do we have?*

The alternative would be to use operating budget funds to potentially address one room or item at a time. This would be significantly more expensive in the long term due to travel and equipment set up by the repair company. Prices will also most like increase

each year. The building will also likely further deteriorate if repairs are delayed. The building will also have limited areas to use for several years. This project is needed to return the structure to a status where it can be safely used for training even though it does not include live fire training at this point. If this project is not addressed, the building may further deteriorate from water damage and be unusable due to the liabilities identified by the engineering firm.

*Question 4: What steps we have taken?*

An engineering firm has evaluated the building and has supplied a report.  
A structural repair firm has submitted a plan and quote to conduct the repairs.

*Question 5: Background data such as competitive quotes and cut sheets (catalogs) for the items we propose to buy?*

Three quotes were received for an engineering evaluation. Three structural repair companies were contacted and only one replied and visited for an evaluation and quote at this point. This is a specialized type of building but additional companies will be contacted.

*Question 6: Has your Board approved this proposal?*

The Select Board will review this request at a later date.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Mark Nelson", with a stylized, cursive script.

Mark Nelson



# Liberty Chevrolet



Milford Fire Department  
21 Birch Street  
Milford, MA  
Attn: Mark Nelson

July 17, 2023

Chief Nelson,

Per your request, I am writing to offer a proposal to supply your department with a new Chevrolet per our contract 2023-2024, with the Plymouth County Commissioners. All vehicles offered under this contract come with a 5 year/100,000 mile powertrain warranty.

Item #34	2023 Chevrolet Tahoe SSV, Four Door 4WD Utility Vehicle 5.3 Liter V8 with Dynamic Fuel Management System 355 HP 10 Speed Automatic Overdrive Transmission with Pushbutton Shift Limited Slip Rear Differential Heavy Duty Cooling System w Engine and Transmission Oil Coolers Heavy Duty 250 Amp Alternator 900 CCA Battery with Isolated 760 CCA Aux Battery Rear Liftgate with rear Washer/Wiper StabiliTrak, Stability Enhancement System (Proactive Roll Avoidance) (5) P265/65R18SL All Season Blackwall Radials 18"x 8.5" Painted Aluminum Wheels with Full Size Steel Spare 4 Wheel Disc Brakes with 4 Wheel ABS Factory Skid Plate Package Factory Running Boards Trailer Package with Receiver Hitch Deep Tinted Glass Heated Electric Remote OSRV Mirrors Front and Rear Park Assist with Audible Alarm Headlight and Taillight Flasher System with Control Wire Front Custom Cloth 40/20/40 Split Bench, 8 Way Power Driver's Seat Second Row 60/40 Split Bench Seat, Cloth Trim Black Rubberized Vinyl Floor Covering Keyless Open and Keyless Pushbutton Start Tilt and Telescopic Steering Wheel and Cruise Control Power Windows and Door Locks with Keyless Remote Entry Full Factory Gauge Package with Tire Pressure Monitor Front and Rear Air Conditioning and Heat Infotainment System with AM/FM Stereo, Bluetooth Connectivity Apple CarPlay/Android Auto Capable with Digital Clock	\$44,434.00
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Liberty Chevrolet, Inc.

90 Bay State Road • Wakefield, MA 01880 • Main 781-246-1919 • Fax 781-245-8987 • [www.libertychevy.com](http://www.libertychevy.com)

2 USB Data Ports and 4 USB Charge only Ports  
2 120 Volt AC Power Outlets  
Electric Rear Window Defogger

**Tahoe Factory Options:**

PQA	Safety Package	\$ 395.00
	Includes, Forward Collision Alert, Automatic Emergency Braking, Lane Keep Assist with Lane Departure Warning	
V76	Chassis Mounted Recovery Hooks	\$ 50.00
AMF	4 Additional Key Fobs (Requires Programming)	\$ 75.00
A50	Front Bucket Seats with Center Console	\$ 350.00
B30	Color Keyed Floor Carpeting	\$ 195.00
B58	Carpeted Floor Mats, 1 <sup>st</sup> and 2 <sup>nd</sup> Rows	\$ 80.00
BTV	Remote Vehicle Start System	\$ 300.00
BCV	Auto Door Lock Disable	\$ 50.00
	Less Contract Discount for Options 3%	\$ (44.85)
	Programming of Additional Fobs	\$ 250.00
	<b>TOTAL DELIVERED PRICE</b>	<b>\$ 46,134.15</b>

**Additional Contract Options:**

Repaint Vehicle to Color Red \$ 4,500.00

**Total Price With Vehicle Painted Red \$ 50,634.15**

Liberty Chevrolet currently has this unit in stock for immediate delivery, VIN PR148644, Color Black. This unit is subject to prior sale, therefore please contact me as soon as a purchase decision is made so that it may be secured for your department.

If you have any questions concerning this order, or require a status update, please don't hesitate to contact me at (617) 470-0721.

Respectfully,



Thomas O'Connor  
Fleet/Municipal Sales



## Purchase and Sales Agreement

### City or Town of

Contact Name: Mark Nelson, Chief of department

Company/Dept: FIRE

Street Address: 21 Birch Street

City, State, Zip: Milford, MA 01757

Phone: (508) 473-2256(o.) (508) 958-3006(c.)

E-Mail: [MNelson@milfordfire.org](mailto:MNelson@milfordfire.org)

Date: 7.14.2023

Valid Through : 60 days \*

Customer #:

Contract: PCC Ford 22-26

Sales Rep: Steven Anderson

CONTRACT LINE REFERENCE	LINE DESCRIPTION	UNIT PRICE	QTY.	EXTENDED PRICE
Supplied	[Fleet] 2023 Chevrolet tahoe	\$ -	1	\$ -
	Remainder of Factory Equipment for this Trimline		1	\$ -
	<b>PCC Ford Contract Total :</b>			\$ -
SERVICES	VentVisor 4 piece VentShades	\$ 160.00	1	\$ 160.00
2241	WeatherTech Floor Liners (per row)	\$ 108.00	2	\$ 216.00
SERVICES	Tint Front Door Glass - 40%	\$ 195.00	1	\$ 195.00
SERVICES	Tint "Shade Band" across top of front windshield	\$ 145.00	1	\$ 145.00
TAB3	Whelen ION DUO LED Lights (each) - grille I2*	\$ 225.00	4	\$ 900.00
338	Whelen TION DUO (each) Soffes TL12*	\$ 158.00	2	\$ 316.00
TAB3	Whelen Inner Edge XLP WCX Duo 12 Lamp	\$ 1,320.00	1	\$ 1,320.00
353	Whelen Inner Edge RST - 10 DUO Lamps - WeCan-X BS50Z	\$ 1,385.00	1	\$ 1,385.00
TAB3	Nova Strobe Dash Mounted Opticom/Emitter MDASHCPE	\$ 455.00	1	\$ 455.00
146	Whelen CORE Siren/Switch Controller C399	\$ 1,000.00	1	\$ 1,000.00
TAB3	Whelen CORE Ford Super Duty/Transit Gateway Kit C399K5	\$ 162.55	1	\$ 162.55
TAB3	Whelen CORE CCT6 3 Section Control Head and 8 Push-Buttons, 4-Position Slide Switch with a 7-Position Rotary Knob.	\$ 314.30	1	\$ 314.30
TAB3	Whelen WeCanX Expansion Module CEM16	\$ 245.00	2	\$ 490.00
TAB3	Whelen CV2V WeCanX™ Vehicle To Vehicle SYNC Module, Includes Internal Antenna	\$ 275.00	1	\$ 275.00
TAB3	Whelen "Photo-Cell" (needed on "Slicktop" with CanTrol) - CANLITEB	\$ 110.00	1	\$ 110.00
335/336	Whelen LED Under Mirror System LINSV2* / LSVBKT50 - Pair/Installed	\$ 544.00	1	\$ 544.00
TAB3	Whelen Strip Lite DUO (1/side) 1/4 Glass PS*02FCR	\$ 195.00	2	\$ 390.00
TAB3	Whelen Strip Lite+ "L" Bracket	\$ 21.00	2	\$ 42.00
370	WHELEN WCX TRACER 6 LAMP DUO PAIR / INSTALLED	\$ 1,193.00	2	\$ 2,386.00
TAB3	Whelen ION DUO Series LED Lights(1 / side) 2nd Row Glass I2*	\$ 225.00	2	\$ 450.00
337	Whelen LED Warning Lights (1 pair) hatch btm. TLI* / PLSW15	\$ 141.00	2	\$ 282.00
TAB3	PLSW15 Rocker Switch for Gate Lights	\$ 35.00	1	\$ 35.00
338	Whelen TION DUO (each) flank rear plate TL12*	\$ 158.00	2	\$ 316.00
143	Whelen 100W Composite Siren Speaker SA315p / SAK*	\$ 350.00	2	\$ 700.00
TAB3	Magnetic Mic Clip(s) #MMSU1	\$ 55.00	2	\$ 110.00
402	Central Wiring Harness/Power Distribution System CH27120	\$ 750.00	1	\$ 750.00
TAB3	Whelen DUO LED Dome Lights (ea.) - hatch underside/front seats 3SRCCDCR / PLSW30	\$ 99.00	3	\$ 297.00
443	Havis #C-2410 & C-TMW-24, 24" console with 24" track mount F150-550/Exped	\$ 540.00	1	\$ 540.00
TAB3	Dual 12v outlets w/dual USB CLP2PS1USB	\$ 150.00	1	\$ 150.00
463	Havis Side Mount Arm Rest CARM102	\$ 80.00	2	\$ 160.00
TAB3	Havis 3" accessory pocket, 2.5" deep C-AP-0325	\$ 64.00	1	\$ 64.00
TAB3	Havis Adjustable Dual Internal Cup Holder CUP21001	\$ 75.00	1	\$ 75.00

TAB3	Fire Vulcan LED Vehicle Mount System - 12V DC - quick release shoulder strap & direct wire rack - Orange 44451	\$ 250.00	1	\$ 250.00
TAB3	Knucklehead Div 2 Spot - 12V DC Fast Charge - Orange 90770	\$ 265.00	1	\$ 265.00
2005	Install / Transfer Cust. Supplied 2-way Radio(s) EACH	\$ 275.00	2	\$ 550.00
2019	Install / Transfer Cust. Supplied Portable Radio Charger EACH	\$ 95.00	1	\$ 95.00
<b>PCC AfterMarket Equipment Contract Total :</b>				<b>\$ 15,894.85</b>
Cost per Unit :				\$ 15,894.85
Qty. :				1.00
Trade :				\$ -
<b>TOTAL:</b>				<b>\$ 15,894.85</b>

## TERMS AND CONDITIONS

### Deferrals and Cancellations of Sales Orders

In all cases where vehicles, products, and labor are purchased against government and public contracts, the terms and conditions of that contract shall prevail and bind MHQ. In cases where contract terms on deferral and/or cancellation are not defined, and for non-contract sales, the following MHQ policy shall prevail.

### Deferrals

For this discussion, "deferral" refers to a customer-initiated action to delay the delivery of purchased items\* beyond the delivery date confirmed to the customer in writing (Purchase Order confirmation). All deferral requests must be communicated to MHQ in writing. MHQ, at their sole discretion, reserves the right to accept or reject deferral requests. Once the subject item has started the production / fabrication process, delivery deferrals are not allowed – the item will be built, shipped, and billed upon completion. For deferral requests on items not yet in production, MHQ shall negotiate deferral terms with the customer's purchasing or sourcing authority (not the requisitioner). Consequences of order deferrals may include, but not be limited to, loss of scheduled production timeslot and reallocation of vehicles and/or materials to other active jobs or other customers.

### Special Order and Non-Cancellable/Non-Returnable Items (NCNR)

Certain items and material are categorized as "Special Order" or "NCNR." Attempts to cancel shall be handled on an individual basis. Depending on the stage of production of a special-order item, and the suppliers involved, special order items may incur cancellation charges based on supplier purchase liabilities. MHQ shall always act in the interest of our customers to minimize or eliminate cancellation charges whenever possible. Special Order items will be identified as such at the time of quoting and order acceptance to assure an understanding of risk to the customer.

NCNR items are not cancellable with our suppliers. MHQ will make a reasonable attempt to minimize the financial impact of cancelling NCNR items, but no assurance is offered that the customer's purchase liability for these item types can be reduced in any way. NCNR items will be identified as such at the time of quoting and order acceptance to assure an understanding of risk to the customer.]

### Cancellations

For this discussion, "cancellation" refers to a customer-initiated action to cancel a customer committed order\* or any part thereof. All cancellation requests must be communicated to MHQ in writing. Cancellations will be accepted, without penalty, until the point in time where material has been ordered to support production of the ordered item(s). Once components or material is ordered against a committed customer order, cancellation charges may apply based on supplier purchase liabilities. MHQ shall always act in the interest of our customers to minimize or eliminate cancellation charges whenever possible. Depending on the type of material/components and the suppliers involved, the range of customer purchase liability can range from complete release of purchase liability, up to and including full liability of the original material cost.

### Supplier Failure to Perform

MHQ shall be held harmless in cases where their suppliers fail to source, build, or deliver quoted or ordered products required to satisfy customer committed orders. MHQ shall also be held harmless in cases where a supplier discontinues availability of a product, places a product on allocation, or delivery times extend beyond their normal quoted delivery times such that the subject product becomes unavailable, or experiences extended delivery times. In these cases, MHQ shall offer alternatives, where commercially available, to the customer for consideration as acceptable substitutes.

### \*Purchased Items

"Purchased Items" is defined as any item, component, or material required to fulfill a committed customer order.

### \*Customer Committed Order

"Customer Committed Order" is defined as any acceptable form of communication that directs MHQ to produce and sell an item to their customer. Acceptable forms of communication are customer Purchase Orders, quotes that are signed and dated by a customer purchasing authority, Letters of Intent or Letters of Commitment that are signed and dated by a customer purchasing authority, or similar instruments that communicate an intent to purchase.

## ORDER ACKNOWLEDGEMENT

**By signing this document you are agreeing to the above terms and conditions of this order from MHQ, Inc.**

x

PRINT NAME

x

TITLE

x

SIGNATURE

x

DATE

Quote provided by Steven Anderson, Account Manager at MHQ - Public Safety Team  
(508) 573-2677 or sanderson@mhq.com

