

**Request for Bids 26-001
Pumper/ Tanker Fire Truck**

**Fire Department
PO Box 190
Madison, Maine 04950
207-696-4146**

Issue Date: September 15, 2026

I. Introduction

The Town of Madison requests bids for one (1) Complete **Pumper/Tanker Fire Truck**.

II. Submission

To be considered, return page 14 of this Request for Bids, along with your specifications, and brochures in an envelope clearly marked **"2026 Bid 26-001 Pumper /Tanker Fire Truck"** by, **Wednesday October 14, 2026** to the Town of Madison, Fire Department, PO Box 190, Madison, Maine 04950.

Bids may also be submitted via email to finance@madisonmaine.com if emailing bid, please reference **"2026 Bid 26-001 Pumper/Tanker Fire Truck"** in the subject line. Bids will be publicly opened/reviewed on **Friday, October 16, 2026** at 14:00hrs (2pm).

A tabulation of all bids received will be available after 4:00 PM on the date of opening.

III. Questions

Any questions must be directed in writing to madfire@madisonmaine.com or call 207-431-0813 Deputy Fire Chief Bosworth, no later than **4:00 PM, Wednesday, October 14, 2026**.

IV. Award

The bid award will be based on the following:

- Price of equipment offered.
- Quality and performance of equipment offered.
- Availability of equipment and parts.
- Prior history or experience with the Bidder and equipment (if no history or experience, references will be requested).
- Specification requirements
- The Town Manager & Department Head shall open bids, review, and complete a Bid Review form to be presented to the Board at next meeting. In determining the low bid or the bid most advantageous, the Town Manager & Department Head shall whenever possible, analyze the bids so that the bids are compared on an equal basis and award to

the most advantageous to the Town. The Town Manager and/or the Department Head will notify all vendors that applied to the bid process by email or by phone.

V. Late Bids

It is the responsibility of the Bidder(s) to see that their bids have sufficient time to be received by the Purchasing Department before the submittal deadline.

Any bid, portion of a bid, or unrequested bid revision received at the Town of Madison, Fire Department after the time and date specified, will be return to the Bidder(s) unopened.

VI. Withdrawal of bids

To withdraw a bid prior to the opening, the bidder shall request the withdrawal in writing. All costs associated with the withdrawal (i.e. mailing fees) will be borne by the bidder.

VII. Information for Bidders

1. Page (13) of this request must be completed and returned with specifications, and brochures in order to be considered.
2. Any exception to the provisions in the specifications must be marked in the body of this document and itemized on a separate page titled "Exceptions", referenced by section number and paragraph, along with a detailed explanation of the exception.
3. The entire unit and all equipment must be thoroughly inspected, serviced and ready for use upon delivery. All work performed must meet established industry standards of quality to be acceptable. Any unacceptable work must be corrected before payment is issued.
4. All Federal and State taxes must be excluded from the bid price. A tax exemption certificate for the Town of Madison shall be furnished to the successful Bidder upon request.
5. Bid shall include delivery cost and a completed inspection of this vehicle. A check list for front end alignment after all equipment has been installed must be performed before delivery of finished vehicle. All warranty dates shall begin upon date of finished delivery.

Madison Fire Department

Engine 74 Spec

Chassis:

- 2027 Freightliner 114 Series Commercial Cab.
- Hendrickson Tandem Axle Rear Suspension.
- Differential with 4 (four) way lock.
- Detroit DV13 Engine (consult with fire department for HP and Torque range).
- 325 (minimum) Amp Alternator.
- Air Conditioner/Heater/Defroster.
- Auxiliary Engine Cooler.
- Three (3) Batteries or consult with Fire Department with recommendations.
- Fuel Tank / Def Tank Aluminum Diamond Plate covering.
- ABS Full Brake System.
- Brake Dust Covers
- Jacobs Compression Brake with Selector On/Off Switch.
- Air Dryer
- Chrome Front Bumper.
- Led Engine Compartment Lighting.
- Mirrors-Remote Control & Heated.
- Mud Flaps Front and Rear.
- Color: Viper Red.
- Power Steering.
- Tilt and Telescoping Steering Wheel.
- Highway Tread Front Tires and Off/On tread on Rear.
- Allison 4000EVS Automatic Transmission.
- Polished Aluminum Wheels with polished Hub and Lug Nut Covers.
- Floor Mats, black rubber, heavy duty.
- NFPA Grab handles, Interior.
- Master Battery Switch near driver's door with light.
- Air Ride Drivers seat.
- High Back Passenger Seat.
- Deluxe Cab Trim Package.
- Electric Power Windows with Factory Tint.
- Front and Rear NFPA Tow Hooks.

- High Idle Switch shall be provided.
- NFPA inner door stripping on each of cab doors.

Other manufactured chassis may be considered with equal or better specification.

On Spot Tire Chains: The vehicle shall be equipped with an on-spot tire chain system with a switch located in the cab at drivers reach to power the system.

Chassis Under Carriage: The vehicles under carriage and frame rails shall have a liner-based product or hot dipped coating to protect the areas from compounds used on Northern Roads.

Fluid film will be discussed and Fire Department will have final approval

***Chassis shall be built to the Latest NFPA 1901 Standard ***

Cab Console:

- A Console as large as possible will be provided in the cab between the front seats. The compartment will be fabricated of brushed aluminum with an approved finish by the Fire Department. It shall encompass the siren, switch panel & pump Control. Any space left over should be incorporated into storage.
- There shall be two four (4) USB plug ins, and two (2) 110 volt plug ins provided in the console. All plug ins shall be wired into the master battery system that is charged by the Kussmaul battery system.

Engine Compartment Light: There shall be a minimum of one (1) 4" LED light in the engine compartment with an on/off switch.

Kussmaul Pump Plus Kit: There shall be a Kussmaul battery/ vehicle air maintaining system installed and properly sized to meet vehicle specification to maintain batteries as well as allowing charging capability for further charging needs. A discussion with Fire Department would be helpful to discuss options and expectations.

Kussmaul Auto Eject: There shall be a Kussmaul 20 amp Auto Eject located near the driver's door.

Air Inlet. There shall be an air inlet located near the driver's door to use station air to maintain system air pressure. This air system shall incorporate an auto eject feature when vehicle is started.

Backup Alarm: There shall be a backup alarm installed to meet NFPA Standard.

Backup Camera: There shall be one (1) Cab Cam wired Video System shall include 7" monitor and one (1) camera located at the rear of the vehicle. Camera and all exterior wiring shall be weather proof and protect from harsh environments.

Vehicle Tire Monitors: There shall be a tire monitor system to meet NFPA 2016 Edition.

Dual Chrome Air Horns: Dual Hadley 24" air horns (or equivalent) installed on front fenders. They shall be controlled by two (2) horn buttons. One (1) at driver's side foot kick panel and one (1) on passenger side foot kick panel.

Mid Ship Fire Pump: **Waterous CS1250** mid ship mount pump.

Pump Transmission: The pump shall have a **Waterous** model transmission that meets all requirements for the **Waterous** CS1250 pump.

Zinc Anodes: There shall be four (4) **Waterous** zinc anodes provided with the pump. They should be installed as manufactured suggest and/or two (2) on intake side of pump and two (2) on discharge manifold of pump.

Flame Plated Impeller Hubs: Meet manufactures specs and/or discuss with Fire Department.

Priming Pump: A rotary valve electrically driven primer pump shall be installed with the pump are to **Waterous** manufactured specs and recommendations.

Side Mount Pump and Gauge Panel:

Valves: All valves used in pump construction shall be 1/4 turn **Akron** fire service valves. Any replacements need to be authorized by Fire Department.

Instrument Panel: The instrument Panel shall be stainless steel and contain the following:

- One (1) Intake Master Gauge
- One (1) Discharge Master Gauge
- One (1) Pump Cooler Valve
- One (1) Engine Cooler Valve
- One (1) Water Level Gauge
- One (1) Foam Level Gauge
- Two (2) Test Ports (for testing of vacuums and pressures)
- One (1) Panel Light Switch

- One (1) TPG
- One (1) on/off switch for pump house heater.

Fire Department will review any and all recommendation from builder on design, layout options and recommendations for pump panel

Piping and Manifolds: All Piping and Manifold shall be Stainless Steel. Any other materials used as pump and discharge plumbing must be reviewed by the Fire Department.

Tank Fill: There shall be a 2" pump to tank fill stainless valve. The Akron valve shall be controlled at the side pump panel with chrome handle.

Pump Certification Plate 1250 GPM & Test Plate:

- Permanently affixed at the pump operator position and supply all NFPA required information.

Tank to Pump: The Tank to pump supply and valve shall be 2 of 3" valves. The valves shall be controlled by a ¼ turn valve and controlled at the pump panel.

Master Drain: The pump shall have a master drain installed to **Waterous** Pump Specification.

Intake Relief Valve: There shall be a suction side relief valve installed **Waterous** Pump Specification.

Auxiliary Engine Cooler

Heat Pan & Heater:

- There shall be a heat pan installed below the pump module and plumbing of apparatus.
- There shall be a pump house 12-volt heater with fan installed inside the pump house. The heater shall be incorporated into the vehicle coolant system and be valve inside engine compartment. An on/off switch shall be provided on the pump panel for operation.

6" Steamer: Two (2) 6" steamers inlets shall be provided. One (1) on Left side and one (1) on Right side of pump. Both inlets shall have long handle chrome caps and 6" screens.

2 1/2" Left side Suction: a 2 1/2" valve shall be installed on the left side of the pump panel with 2 1/2" plumbing. The control handle shall be located on the pump panel.

Left side Discharge

- 2 1/2" discharge with 2 1/2" to 1 1/2" chrome reducer (National STD Tread) 30 degree down spout, with chain and chrome cap.
- 3" discharge with 4" storz connection and 30 degrees down spout, with chain and cap.

All discharges must have an adequate drain and controlled at the pump panel.

Right Side Discharge

- 2 1/2" discharge with 2 1/2" to 1 1/2" chrome reducer (National Std Tread) 30 degree down spout, with a chain and chrome cap.
- 3" discharge with 4" storz connection and 30 degrees down spout, with chain and cap.

All discharges must have an adequate drain and controlled at the pump panel.

Rear Discharge: Two (2) 2 1/2" rear discharges shall be located at the rear. One (1) left and one (1) right side of apparatus. **All discharges must have an adequate drain.**

1.75" Cross lays:

- Two 1 3/4" pocket hold 200' 1 3/4" hose shall be installed over pump panel module and accessed by both sides of apparatus.
- One (1) 1 3/4" pocket hold 100' 1 3/4" hose shall be installed over pump panel module and accessed by both sides of apparatus.

***All preconnect cross lays shall have 2" plumbing with National Thread that swivels at end to attach fire hose. All discharges must have an adequate drain and controlled at the pump panel.**

Dunnage: The area behind the cross lays and around the deck gun plumbing shall be walled out and have opening top of dunnage tray.

3" Deck Gun Discharge: There shall be plumbing and a valve provided for the installation of a deck gun. The plumbing where the deck gun monitor mounts will be capped and made available for future use.

Foam Pro 1600 Series-Class A: The apparatus shall be equipped with an electronic, fully automatic, variable speed, direct injection, and discharge side foam proportioning system.

Fire Department will consider other foam systems that are compatible to Fire Department needs

Foam Tank: There shall be a 20-gallon minimum poly foam tank provided and installed with noncorrosive piping to the foam system. The tank shall be located in the apparatus booster tank with top fill tower.

Foam Tank Level Gauge: There shall be one (1) Class One LED electronic level gauge located on the operator's control panel.

Pressure Governor and Engine Monitoring Display: Fire Research Pump Boss series PBA-401-D00 pressure governor and monitoring display kit shall be installed.

Master Gauges and Discharge Gauges: Manufacture shall outline what brand and size of gauges they propose and recommend for all Master and Discharge Gauges.

Individual Drains: All 2" or larger discharge outlets shall be equipped with a ¾" ball valve drain or larger.

Tank Level Gauge: The Class 1 tank level gauge shall indicate the liquid level on an easy-to-read display and show nine (9) levels of indication. There shall be an indicator in the following locations.

- Drivers Side Pump Panel.
- Center or Drivers Side Rear.
- Center Console (mini).

Pump Panel Lights: Pump panel lighting shall be provided in accordance to NFPA.

Poly Booster Tank: 2500 Gallons with integrated 20 Gallon minimum Foam poly tank with lifetime warranty and be baffled to meet the current NFPA standard.

Adjustable Hose Bed Dividers: Four (4) full length adjustable dividers fabricated of a minimum 3/16" smooth aluminum plate.

Hose Bed Cover: The hose bed cover shall be a minimum 16 oz. heavy duty Hypalon cover. This cover shall have bungee cord and hook closures for retention. There shall be an angled brushed stainless-steel plate installed at the front of the hose bed for permanent retention. The color shall be Black.

4" Gated Tank Inlet/Outlet: There shall be one (1) external direct tank fill \nurse port furnished on the rear of the apparatus on the drives side. The tank fill shall have 4" brass value with 30-degree elbow and 4" Stortz connection with manual swing type control handle. A 4" STORTZ cap with chain shall be provide with valve.

10" Newton Dump Electric Center Dump: One (1) 10"x10" Newton Quick Flow Dump Valve shall be installed with the Newton 6000SW swivel chute and module 4036 manual telescopic extension on the apparatus booster tank. The valve shall be electronically controlled with one (1) switch located in the cab and one (1) on the rear body wall.

ssL1 Compartment: There shall be one (1) compartment driver side ahead of the rear wheels, size 72" tall x 40" wide x 12/24" deep.

L2/L3 Compartment: There shall be two (2) compartment driver sides over the rear wheels, size 37" tall x 54" wide x 12 deep.

L4 Compartment: There shall be one (1) compartment driver side behind the rear wheels, size 72" tall x 37" wide x 12/24" deep.

R1 Compartment: There shall be one (1) compartment driver side ahead of the rear wheels, size 72" tall x 40"wide x 12/24" deep.

R2/L3 Compartment: There shall be two (2) compartment driver sides over the rear wheels, size 37" tall x 54" wide x 12" deep.

R4 Compartment: There shall be one (1) compartment driver side behind rear wheels, size 72" tall x 37" wide x 12/24" deep.

***Fire Department will consider size changes on compartment but would like to maintain a total bumper to bumper length of approximately 33'. ***

Sweep Out Compartment Floors: Compartment floor shall be designed for easy cleaning.

Roll Up Doors: All compartments shall be equipped with high quality roll up style doors with an anodized satin finish. All doors shall seal compartment to prevent moisture and outside elements from entering.

Compartment UniStrut: There shall be an aluminum C channel "Uni-Strut" provided in each side body compartment to allow for adjustable trays.

Compartment Lights: Each compartment shall have an internal LED strip style light. The lights shall be exceptionally bright with 16 LED diodes per foot producing 112 Lumens. Each compartment shall have a magnetic door activated switch. The light shall function automatically when the compartment door is opened.

Compartment Paint Interior: The compartments shall be painted with Zolotone (or equivalent) gray spatter finish for ease of cleaning and to make it easier to touch up from scratches and nicks

Door Ajar Indicator: A red flashing light shall be provided in the cab of the truck in clear view of driver to warn of an open compartment.

Coffin Storage for Suction Hoses: Two (2) hatch compartments 13.75" wide x the length of the body shall be provided above the drivers and passenger side compartments, with doors and rear access doors with thumb latches. Compartments shall extend the full length of the side body and painted job color. The top of the compartment shall be constructed of bright aluminum tread plate. The coffin compartment shall hold a 6" suction 15' Long.

Folda Tank Syorage #1: The folda tank and pike poles shall be stored vertically behind the passenger's side body compartment and accessed from the rear of the truck. The folda tank slide in compartment floors shall be lined with material to protect the equipment and secured by a polished aluminum door cover. The storage area shall be capable of carrying a 2500 gallon folda tank.

Ladder Box and Pike Pole Storage #2: The ground ladders and pike poles shall be stored vertically behind the driver's side body compartment and accessed from the rear of the truck. The ladder slide in compartment floors shall be lined with material to protect the equipment and secured by a polished aluminum door cover. The storage area shall be capable of storing one (1) 28' extension, one (1) 14' roof ladder One (1) 10' folding Ladder and three (3) pike poles, (1) 18' roof ladder.

SCBA Compartment: Four (4) SCBA Scott 4.5 spare cylinder compartment shall be installed on the body over the wheels on each side of the vehicle. Compartment shall have inner liner material installed to prevent damage on cylinder bottles.

Compartment Shelving: Ten (10) compartment shelves shall be installed. The Fire Department will determine location before placing order. The shelves shall be constructed of 3/16" aluminum with 2" lip on all sides. All shelves shall have turtle tile or equivalent on each bottom of shelf pocket.

Roll Out Trays: Four (4) 500# roll out trays shall be installed to Fire Department requirements. Trays shall be lined with turtle tile or equivalent.

Swing Out Tool Boards: There shall be swing out tool boards installed. The Fire Department will determine location before placing order. They will be over rear wheels. Figure two (2).

Intermediate Step: There shall be a polished aluminum intermediate step installed with NFPA stepping surface above the dump valve to enhance safety while loading hose into bed.

Rear Tailboard: There shall be an 18" rear tailboard constructed of polished aluminum running the full width of apparatus.

Rear Body Step: All rear body steps leading to hose bed must meet NFPA standard and be approved by the Fire Department.

Rub Rail: The pump module and body shall have rub-rail along the sides the total length of each side of body and at the rear of apparatus.

Walking Surface: All exterior surfaces designed as standing, stepping, or walking areas shall comply with the NFPA standard on slip resistance.

12 Volt Body Electrical System: The 12volt electrical system shall meet the current NFPA standard.

LED Emergency Lighting Package: All Upper, Front, Side, Lower, Upper, Rear, ground, Tail, Stop, Turn and Back-Up lights shall be fully compliant with NFPA and meet the entire zone requirement of the latest 1901 standard.

The Fire Department will approve all lighting proposals

Electronic Siren: There shall be one (1) Whelen # 295SDA1; 100-watt electric siren shall be installed in the center console in the cab.

Siren Speaker: There shall be one (1) 100-watt speaker mounted in the front bumper and wired to the siren control.

Scene Lights: A minimum of six (6) scene lights shall installed on the apparatus in the following location.

Two (2) mounted on each side of apparatus, two facing outward at the rear corners, and one on each side at front corner of body. Lights shall have switches and labels mounted in cab for easy usage.

Two (2) rearward facing lights shall be wired to the backup signal and automatically come on when unit is placed in reverse.

The Fire Department will approve all scene lighting proposals

Extendable Pole Lights: Two (2) light fixtures with a minimum of 14000 usable lumens VDC powered mounted on a 48" extendable pole shall be mounted on the drivers and passenger front corner of body. A waterproof on/off switch shall be installed on the side or underneath the light fixture. A hand Knob tightened locking knob shall be provided for easy adjustment of pole height.

Deck Lights: Two (2) chrome plated led 12v flood lights shall be installed at the rear of apparatus to provide work area lighting be hide the apparatus and meet the current NFPA requirement. A switch in the console and an on/off switch shall manually operate the light.

Inverter: There shall be One (1) 5000-watt inverter and surge protector installed in body compartment of choice with (6) six 120-volt outlets mounted in compartment at Fire Department choice.

Scotch-Lite Stripe: One (1) inch x four (4) inch x one (1) inch "Scotch-Lite stripe shall be provided and applied as directed by the Fire Department.

Front Cab Lettering: Lettering shall be provided on the cab drivers and passenger doors per the Fire Department Request.

Rear Body Chevron: Chevron stripping shall be installed to the entire rear wall. Color shall be determined by the Fire Department.

Warranties: Manufacture shall outline warranty on paint, components, body, tank, pump, foam unit and electrical system.

Accessories: The following are accessories that shall be provided on apparatus

- 1-10' NFPA approved Folding Ladder
- 2-6" x 15' Flex Suction
- 1-6" TFT Low Level suction Screen A03SX-Jet-F (Fire Department needs to approve)
- 2-6" TFT (Task Force Tips) Ball Intake Valve
- 6- Stream light Vulcan 180 STL-44310 LIGHT with charger and shoulder strap. The lights shall be mounted in compartment of Fire departments choice and if possible, wired into the kussmaul charging system to maintain and keep batteries charged or other optioned shall be approved by the Fire Department.
- 3- 1 3/4" TFT (Task Force Tips) Dual Force 100 psi 200 gpm combination pistol grip nozzles.
- 1200' 1 3/4" Mercedes Kraken EXO Double jacketed fire hose. Fire Department shall specify color requirements.
- 1000' 4" LDH. Fire Department will consider vendor suggestions on brand.
- Super Vac 18"PPV Ventilation Fan (Including 4 Dewalt batteries and chargers).
- \$2500.00 Misc. Tools and mounting hardware to be determined by Fire Department.

Under Writers Laboratories: Unit and on equipment shall be third party tested by the U.L testing company to comply with the testing requirements as outlined for class A pumper for NFPA 1901. Test results will be furnished to the purchaser.

Delivery: The finished apparatus shall be delivered to the Madison Fire Department located at 26 Weston Ave Madison Me. 04950.

Date of Delivery: An estimated time of delivery shall be outlined with the proposal.

1. Manuals:

- a. Operator manuals;
- b. One (1) line chart per unit;
- c. All manuals or software should be delivered prior to acceptance of the final completed vehicle. **Any electronic software available for either parts or service related problems must accompany this vehicle and may be substituted for written material, (if applicable).**

Bid Form
Pumper/ Tanker Fire Truck
Bid Deadline:
4:00 pm, Wednesday
October 14, 2026

Please note: Page (14), must be returned with your specifications, and brochures in order to be considered with bid proposal.

- Detailed explanation of ALL exceptions must be included. Failure to do so may result in disqualification.
- Complete Manufacturer's brochure must be attached.

Description	Qty.	Unit	Unit Price	Total Price
Year: _____ Make: _____ Model: _____	1	EA	\$	\$
			\$	\$
			\$	\$
Total Bid Amount				\$
Length of Warranty in Years:				
Estimated Time of Delivery Follow Receipt of Order in Weeks:				
Address of Service Location:				
<i>Price must include all miscellaneous charges; no other charges will be accepted.</i>				
Business Name				
Street or PO Box				
City, State, Zip				
Telephone Number				
Email Address				
Contact Name				
Title		Date		