



Portage la Prairie Fire Department
124 Third Street NE
Portage la Prairie, MB R1N 1N7
204-239-8340

CITY OF PORTAGE LA PRAIRIE REQUEST FOR BIDS

The City of Portage la Prairie Fire Department invites qualified bidders to submit a bid for the purchase of an E-One Typhoon Top Mount Pumper. This fire apparatus is a surplus unit from the Portage Fire Department fleet and is being offered for sale.



Reference Number:	2026 PS 002
Bid Deadline Date:	Friday, May 29, 2026
Bid Deadline Time:	2:00 PM Central Time
Location:	Portage Fire Department 124 3rd Street NE Portage la Prairie, MB R1N 1N7
Inquiries/Submissions:	Ryan Thompson Deputy Fire Chief rthompson@city-plap.com

*The City of Portage la Prairie Fire Department is not bound to accept the highest or any proposal of those submitted. **Sold as is, where is, pick up in Portage la Prairie, MB.***

PFD



BACKGROUND

This apparatus was built by E-One Custom apparatus in Ocala, Florida, as well as the Typhoon chassis.

The engine has 81,565 kilometres (as of March 2026) and average pump hours. Maintenance records are available upon request as well. The unit is being sold as part of our capital replacement plan and has been replaced by a newer pumper/engine.

- Manufacture Year: 2004
- Pumper / Engine with Typhoon Chassis
- Portage la Prairie Fire Department, Portage la Prairie, MB

To schedule an appointment to view the apparatus, please contact Deputy Fire Chief Ryan Thompson at 204-239-8342 or by email at rthompson@city-plap.com.

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APPARATUS SPECIFICATIONS

No hoses or tools are included in the sale, except for the extension ladder (24ft) and no pike poles. The ladder was tested in 2024 with new heat stickers.

New Parts 2025/2026

- August 2025 - air compressor
- December 2025 – muffler
- January 2026 – alternator replacement and two new 12V batteries

Pump/Engine Quick View

- 7 storage compartments, roll-up doors
- Top of hose bed: 100mm, 65mm (pre-connect 2.5")
- Rear: 2 (left) & (right) discharge 65mm (2.5")
- Officer side – 2 discharge 65mm (2.5")
- Deck Gun
- Front Bumper – 45mm (1-3/4") discharge

Frame

The frame shall consist of two (2) C-channel frame rails with heavy-duty fabricated crossmembers. The frame shall be bolted together using high-strength Grade 8 threaded fasteners for durability and ease of repair.

Dimensions

Frame rail - 10-1/4" x 3-1/2" x 3/8" (10.25" x 3.50" x 0.375")

Bumper

10" high bumper, made from 10-gauge polished stainless steel with bumper extension. The chassis frame extension is covered with 1/8" aluminum diamond plate.

Fuel System

65-gallon fuel tank, which is all-welded, aluminized-steel construction with anti-surge baffles. The tank is mounted below the frame rails at the rear of the chassis for maximum protection. Each strap has protective rubber insulation secured with grade 8 hardware designed to allow for tank removal from below the chassis if needed.

Front Axle/Suspension

The vehicle has ArvinMeritor FL-941 front axle with a rated capacity of 16,000 lb. The front axle hubs shall be made from ductile iron and shall be designed for use with 10-hole hub-piloted wheels to improve wheel centering and extend tire life. The front axle is equipped with ArvinMeritor 16-1/2" x 6" S-cam brakes with ArvinMeritor automatic slack adjusters. In addition, tapered leaf springs with provide 20% ride improvement over standard straight spring systems.

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Front Tires

Front tires Sailun 315/80R 22.5 tubeless radial tires.

Rear tires Sailun 315/11R 22.5 tubeless radial tires.

Rear Axle/Suspension

The vehicle is equipped with an ArvinMeritor RS-24-160 single rear axle with single-reduction hypoid gearing and a manufacturer's rated capacity of 24,000 lbs. The rear axle hubs are also 10-hole hub-piloted wheels to improve wheel centring and extend tire life. The rear axle shall be equipped with ArvinMeritor 16-1/2" x 7" Q-Plus S-cam brakes with cast brake drums, and the brakes are furnished with ArvinMeritor automatic slack adjusters.

The rear suspension is a pair of variable-rate leaf springs with auxiliary ("helper") leaf springs and bronze bushings. The suspension has a manufacturer's rated capacity of 24,000 lbs.

Air Brake System

The vehicle is equipped with air-operated brakes and an anti-lock braking system (ABS). A four-channel Wabco ABS improves vehicle stability and control by reducing wheel lock-up during braking. The system constantly monitors wheel behaviour during braking. Two (2) air pressure needle gauges, one (1) each for front and rear air pressure, with a warning light and buzzer at the driver's instrument panel.

Air Tank Reservoirs

The braking system has three (3) air tank reservoirs for a total air system capacity of 5,214 cu. in. with one (1) reservoir as the wet tank.

Power Train/Engine

Cummins ISL CM850 electronic engine as described below:

- 350 gross BHP@2200 RPM
- Interact System (ISL) turbocharged
- Charge air-cooled 4-cycle diesel
- Six (6) Cylinder
- 540 cu.in. displacement
- Peak torque of 1050 lb. ft. at 1200 RPM
- Engine shall be equipped with Full-Authority Electronics
- Electronic Timing Control fuel system
- Integrated water separator and water-in-fuel sensor
- Bore and stroke shall be 4.49 x 5.69
- Compression ratio shall be 17:8:1
- Engine lubrication system, including filter, shall have a minimum capacity of 25 quarts
- Delco-Remy 39 MD-HD 12-volt starter

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- Cummins 18.7 cubic feet per minute air compressor
- Ember separator compliant with 2003 NFPA 1901 standard. The engine is compliant with the 2004 EPA Emission standards.

Exhaust is 4" in diameter and exits the right side of the vehicle ahead of the rear wheels.

Engine Brake

One (1) Jacobs model 490 engine brake assists in slowing and controlling the vehicle as required by NFPA 1901 for vehicles with gross vehicle weight ratings (GVWR) of 36,000 lbs. or greater. An on-off control switch and a high-low selector switch are mounted in the cab.

Transmission

The vehicle has an Allison EVS3000P, electronic, 5-speed automatic transmission.

A push button (shift) for a module Allison model #29538357 is located on the right side of the steering column, within easy reach of the driver. The transmission has a gross input torque rating of 1250 lb. ft. and a gross input power rating of 400 HP.

The gear ratios shall be as follows:

- 1 - 3.49
- 2 - 1.86
- 3 - 1.41
- 4- 1.00
- 5 - .75
- R- 5.03

The transmission is equipped with a fluid level sensor (FLS) system, providing direct feedback of transmission oil level information to the operator. It has a lubricant capacity of 29 quarts with a transmission oil cooler in the lower tank of the radiator.

Driveline

Drivelines are heavy-duty metal tubes that are equipped with Spicer 1710HD universal joints to allow full-transmitted torque to the axle(s).

Cylinder Holders

Four (4) 8" diameter air bottle holders are located two on each side at the wheel well area of the rear axle. The storage tube is constructed of high-strength "ABS" to provide protection for the bottles with an aluminum-hinged door casting with a positive catch latch.

Suction Hose Trays:

Two (2) suction hose trays for the storage of 6" hard suction hose. These trays are located on the top of the left side compartments.

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Pump System

The pump is a midship-mounted Hale Qflow single-stage centrifugal pump. 1050 GPM capacity parallel type with foam capabilities (midship). The pump body and related parts are fine-grain alloy cast iron. The pump shaft is heat-treated, corrosion-resistant stainless steel that is supported by three bearings for minimum deflection. The sleeve bearings are lubricated by a force-fed, automatic oil-lubricated design.

Two (2) 6.0" diameter suction ports with 6" NST male threads and removable screens on each side

Federal Signal 10 LED Light Package

Ten (10) Federal Signal MODIF-R LED (Light Emitting Diode) light heads with red diodes. Two (2) Unity model AGS4413 6" chrome-plated 12-volt, 35-watt floodlights installed at the rear of the apparatus, which are manually operated by an on/off switch at the light.

Hose Bed Light

One (1) 6" chrome-plated 12-volt floodlight is installed at the front area of the hose bed to provide hose bed lighting per NFPA 1901.

Generator Power Plant

The apparatus has a Honda EM5000SXX1 air-cooled, electric/recoil start gasoline generator. The generator is a 4.5-gallon gas tank, 5-20P 20-amp 120-volt duplex receptacle, L5-30P 30-amp 125-volt twist lock receptacle and a 30-amp 125/250-volt twist lock receptacle.

Generator

4,500 Continuous Watts 120/240 VAC

Volts: 120/240

Continuous Ampere Rating: 18.8 Amps @ 240V

Length: Width: Height: 25.8", 20.5", 20.0" including wheel kit weight: 193 lbs



PUMP TEST REPORT

The engine pump operates and functions as it should. Last tested in 2023 by Sea Hawk.

SPECIALIZED TRUCK SERVICE

Pump Test Report

CUSTOMER:	Portage
CHASSIS MFR:	E-One
CHASSIS VIN:	4EN6AAA8341009101
APPARATUS MFR:	E-One
UNIT # / CALL SIGN:	Pumper #3
TEST REASON:	Scheduled Maintenance
MFR YEAR:	2004
ENG HOURS:	1050.2
PUMP HOURS:	NA
ODOMETER:	72287 km
DOT SAFETY DUE:	45261
WORK ORDER #:	6565
TECHNICIANS:	Josh Gord
TEST DATE:	2023-06-19

Pump Volume - 100% Test

Engine RPM - 100% Test

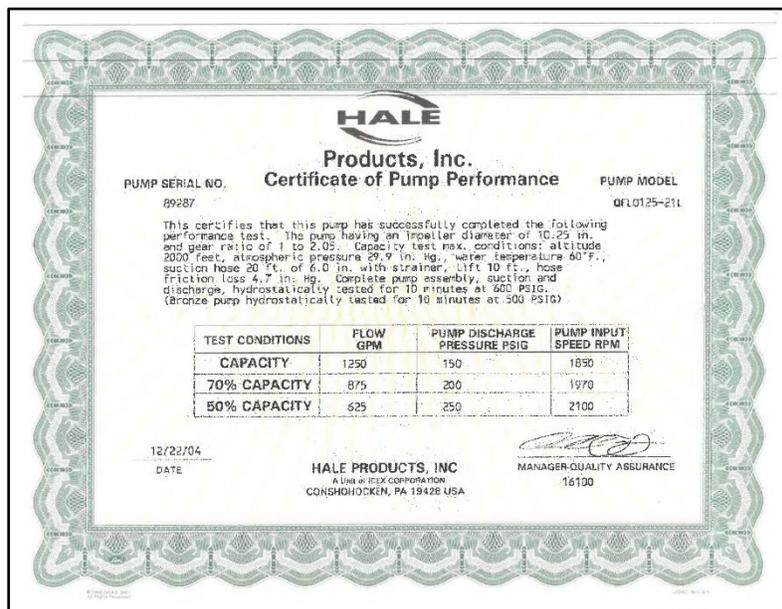
TIME	TEST	PUMP PRESSURE PSI	VACUUM FACTOR	NET PUMP PRESSURE PSI	R.P.M.	PITOT PRESSURE PSI	NOZZLE SIZE	FLOW: GPM
30	100%	145	-6	150	1750	70	2.25	1250
10	70%	196	-3	200	1850	34	2.25	875
10	50%	247	-3	250	1990	48	1.75	625
10	MAXIMUM	145	-6	150	1750	70	2.25	1250

ELEVATION:	261
PUMP LIFT HEIGHT:	14
PRIMING TEST:	PASS
VACUUM TEST:	Pass

Access your documents online. SeahawkService.ca

START: (in/Hg)	-22	5 MIN.:	-17	10 MIN.:	-13
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Box 1849 Carman, MB R0G 0J0
1-888-791-4210



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APPARATUS PHOTOS



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PUMP PERFORMANCE			
	G.P.M.	P.S.I.	R.P.M.
S.O. #	129101	1278	150
PUMP BY	E-1	1278	165
CAPACITY	1250	898	200
TYPE	PARALLEL	634	250
MOTOR #	46438474	GOV. SPEED	GEAR RATIO
SERIAL #	4EN6AAA8341009101	2330	1 to 2.05
240086			



BID SUBMISSION FORM

Bid Information

Reference Number: 2026 PS 002
E-One Typhoon Top Mount Pumper

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Location: Portage Fire Department
124 3rd Street NE, Portage la Prairie, MB, R1N 1N7

Inquiries/Submissions: Ryan Thompson, Deputy Fire Chief
rthompson@city-plap.com / 204-239-8342

Bidder Information

Company Name: _____

Company Address: _____

Company Phone No: _____

Contact Name: _____

Contact Phone Number: _____

Contact Email Address: _____

Bid Price Information

Base Price \$ _____

GST \$ _____

Total Price \$ _____

Signature: _____

Date: _____