



The Corporation of the Municipality of Wawa

Purchase of the Jet A Fuel Pump and Cabinet

Office of Infrastructure Services

Prepared For: Committee of the Whole	Report No.: DB 2024-15
Agenda Date: September 3, 2024	File No.: C11

Purpose

The purpose of this report is to ask Mayor and Council to consider the emergency purchase of the Jet A Fuel Pump and Cabinet at the Wawa Airport.

Background

The reason for the emergency purchase is to deal with Health and Safety and the unreliability of parts to fix or temporarily repair the aged fuel pump.

In the fall of 2023, the hose reel that delivers fuel to the planes stopped working. With not much success in finding a replacement a temporary fix allowed the reel to continue working. This was not ideal as it was almost a 2-person job to unwind and reel back up however we have only one attendant.

Earlier this summer the reel quit again, LaJoie Bros., a company regularly used for fuel pump issues was contacted. In the meantime, the full length of the hose had to be laid on the ground and spread out off the way of incoming planes to be fueled.

Parts are no longer available due to the age of the pump and the temporary repair was the last straw.

The fuel pump itself has been having issues in the past with the main fuel transfer pump cavitating and blowing couplers yearly. The transfer pump is now leaking and will need to be replaced.

LaJoie Bros. have been trying to locate parts or a pump to replace with but are falling short as the pump is out of date.

While LaJoie Bros were performing maintenance and bi-annual inspections on the pumps, we asked for a quote to replace the cabinet and jet A fuel pump with hose

Respectfully Submitted By: Dan Beach	Prepared By: Dan Beach Infrastructure Services
---	---

reel, the same as what was installed for the new av gas pump in 2019/20 to keep parts and filters the same.

As the pump gets used daily due to the higher number of planes landing at the Airport, I would request that Mayor and Council consider the request to purchase a new Jet A fuel pump and cabinet.

The quote is \$179,500 plus HST. I have reached out to other companies for quotes, however, no others have replied. There is only one manufacturer, LaJoie Bros. frequently do work in Wawa, they are familiar with our airport and geographically are the nearest to Wawa.

Staff Recommendation

Staff recommend that Council approve the actions of staff and move forward with the replacement of the Jet A fuel pump and cabinet as quoted.

Recommended Next Steps

WHEREAS the Jet A fuel pump and cabinet at the Wawa Airport have failed and;

WHEREAS this failure presents a health and safety risk both to employees and users;

THEREFORE, BE IT RESOLVED THAT the Council for the Corporation of the Municipality of Wawa authorize the purchase of a Jet A fuel pump and cabinet at the Wawa Airport as describe in quote number 24356 from LaJoie Bros. Contracting Ltd. in the amount of \$179,500.00 plus applicable taxes to be funded from the general capital reserves.

Attachments

Quote from LaJoie Bros.



August 7, 2024

Municipality of Wawa
PO Box 500, 40 Broadway Avenue
Wawa, ON
P0S 1K0

REF #24356

Attention: Becca Weatherall, P.Eng.

Re: New Jet-A Fuel Cabinet and Pump, Supply and Installation

We are pleased to submit the following quote for your review.

As per information received from Ledcor we provide the following costing for equipment, mechanical, materials, shipping, assembly and labour.

Total Cost Not Including HST: \$179,500.00 (plus HST)

Cost to include:

- Supply and install one Jet-A cabinet (manufactured by PEAR to match existing AvGas cabinet and functions) and FE Petro Submersible Pump. Comes with:
 - 1.5HP submersible FE Petro pump for discharge
 - Overwing & Under Wing fuelling configuration
 - Rated for 50 USGPM
 - Flanged inlet 2" 150# ANSI
 - Swing check valve to prevent back flow
 - Filter separator vessel per EI 1596 & EI 1581 qualification (with or without FSII)
 - Filter elements installed
 - Drain valve with spring return handle
 - Air eliminator c/w check valve and bleed valve
 - Pressure relief valve set at 150 PSI
 - Differential pressure gauge with peak hold function
 - Sampling kits on inlet/outlet ports
 - Filter isolation ball valves
 - TCS 700-15 meter
 - Meter outlet 2 stage control valve
 - MIDCOM electronic register c/w temperature compensation
 - Epson slip printer (requires installation outside of cabinet)
 - Hose reel isolation ball valve
 - Hose reel c/w electric rewind
 - Low temp hose 1-1/2" x 100'
 - Hose end 380GF dry break coupler valved
 - Overwing nozzle 295SACJ-0200 c/w dry break coupler valved

137 Black Rd
Sault Ste. Marie, ON
P6B 0A3