



TOWN OF PLATTSBURGH

BUILDINGS & GROUNDS

151 BANKER ROAD
PLATTSBURGH, NY 12901-7307

WWW.TOWNOFPLATTSBURGH.COM

DEPT. LINE: (518)-562-6863

FAX: (518)-563-8396

TDD: (800)-662-1220

SUPERINTENDENT

MIKE DREW

BUILDING & MAINT. SUPERVISOR

RICHARD RASCOE

Date : 23 October 2024

To : Town Supervisor &
Town Board Members

Re : RFP for Fuel System

I am requesting a Town Board resolution to authorize advertising for RFP's for labor and materials to replace 2 existing fuel dispensers, upgrade fuel delivery components, and upgrade fuel management system. NYS DEC has identified non-compliance issues with our current system and the system is outdated. This project is intended to take place in 2025 and utilize the 2025 budget.

Thank You,

Michael Drew

Superintendent of Buildings & Grounds



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Request for proposals for labor and materials to replace 2 existing fuel dispensers and upgrade the entire fuel system EXCEPT tanks, island, and underground wiring conduit.

SCOPE OF WORK:

TANK:

1. Install 2 - new mechanical leak detectors.
2. Install 2 - new stainless steel full port locking ball valves.
3. Install 2 - new explosion-proof junction boxes.
4. Install 2 - new MTG probes in tanks.

ELECTRICAL:

1. Install new Omntec high/low voltage disconnect or equivalent.
2. Reuse existing conduits and wiring.
3. Install single phase STP control box.
4. Install new circuit breakers in existing Westinghouse panel box.

PIPING & CONTAINMENT:

1. Remove existing leak detectors, valves, and piping 1 ½" APT piping inside 4" ducting from tanks to existing dispenser sumps.
2. Install new transition sump and concrete surround as needed at tank.
3. Install new galvanized piping from ball valves to transition sump.
4. Install new sump penetration fittings throughout.
5. Install secondary air test boot.
6. Install 3 Omntec sump sensors or equivalent.
7. Install new dispenser sump hardware including riser pipes, unions, shear valves, and stabilizer bars.

DISPENSERS:

1. Remove 2 – existing Gasboy dispensers
2. Install 2 - new dispenser sump boots.



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3. Install 2 - Wayne Select dispensers or equivalent that include electromagnetic totalizer, pulse output interface, electronic heater, explosion-proof junction box, and internal filter.
4. Install 4 – hoses with nozzles, breakaways and swivels. Use existing high hose retractors.
5. Perform hydrostatic testing on dispenser sumps.
6. Purge and calibrate dispensers.

SYSTEMS:

1. Install 1 – Omntec Proteus-K4 monitoring system or equivalent
2. Install 1 – Omntec high level audio/visual alarm or equivalent with acknowledgement switch.
3. Remove existing fuel control system.
4. Install 1 – outdoor emergency shut off switch.
5. Install 1 – Fuelmaster 2500 Plus with 100 Prokees or equivalent at dispenser island.
6. Remove existing fire suppression system.

OTHER:

1. Liability Insurance in the amount of \$2,000,000 with Town of Plattsburgh named additional insured.
2. Labor rates to be calculated based upon prevailing wages.
3. The Town reserves the right to reject any and all proposals.
4. Excavation and trenching to be done by Town of Plattsburgh.
5. Removal of existing transition sump and piping to be performed by Town of Plattsburgh after product lines have been emptied by contractor.
6. Paving to be done by Town of Plattsburgh.
7. All work shall comply with NFPA regulations.
8. Pre-bid project walk through is scheduled for Thursday November 21 at 8:00AM
9. Bids must be received by Friday December 6th, 2024 at 12:00 Noon.

TOWN OF PLATTSBURGH

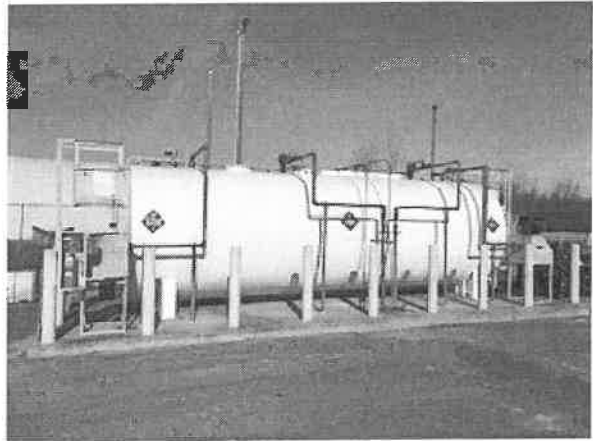
EXISTING FUEL SYSTEM



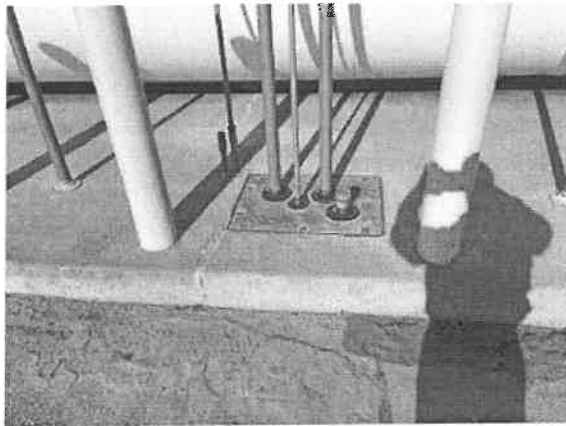
Tank and island viewed from main building approx. 170' away.

Tank and island approx. 71' apart.

Existing 8000-gallon tank (5000/3000 split) to remain. Highland Tank double wall Flameshield.



Both ends of tank. *All tank piping, fill alarms, etc. to be brought into compliance.*

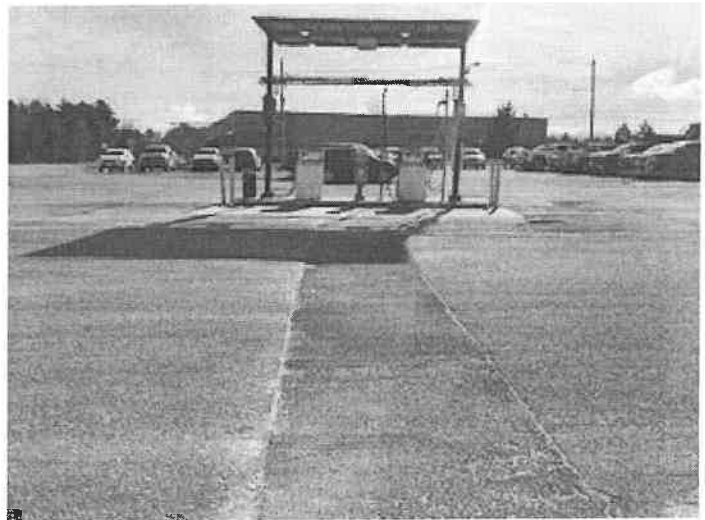


Mid tank at ground from island side.

Possible ground water infiltration. New pit, fittings, piping to island dispensers.

Fuel island viewed from tank.

Trenching required to replace all existing piping, fittings, wiring and conduits.



Fuel island.

Both dispensers to be replaced. Possible ground water infiltration. Pits and fittings to be replaced.



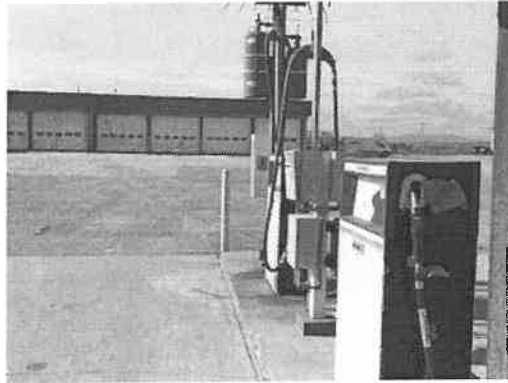
Existing dispensers.

To be replaced. Add new key system for multiple users.



← Center of island from tank side.

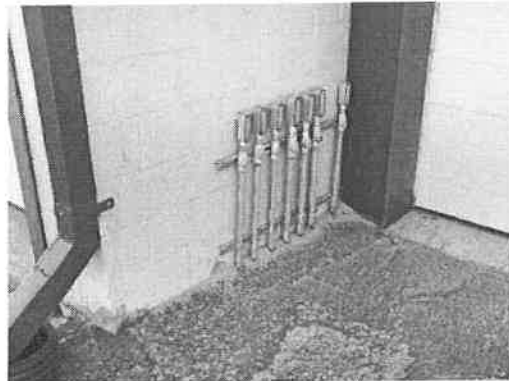
Island looking toward main building. ↓



Existing conduit between main building and fuel island to remain:

3 - 1"

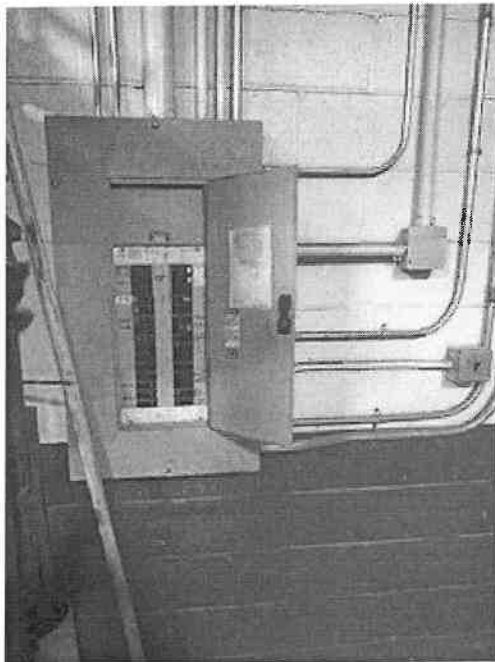
4 - 3/4"





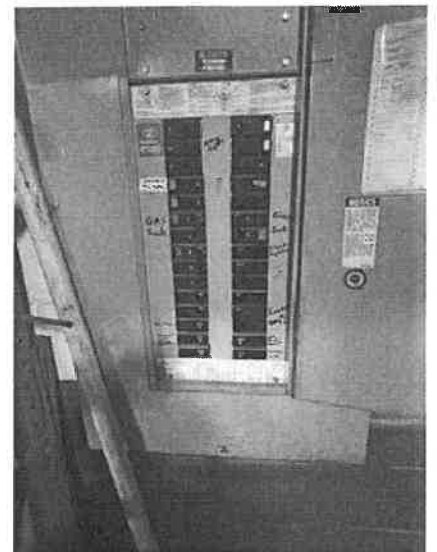
Junction box where conduit enters main building to remain. (The 2 conduits that go up and then turn left go to panel box)

Existing relays and alarm to be replaced with new system. Also mounting location for new system.



Existing panel box to remain. Bottom 2 conduits from junction box above.

New breakers required for compliance.



Town will provide:

Excavation as needed.

Interior conduit installation.

Interior cable pulling.

Interior communication wiring to server.

The Town of Plattsburgh is a tax-exempt entity.

All bids must include prevailing wage labor rates.

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Bids must be received by Friday December 6, 2024, at 12:00 Noon.