



**Town of North Yarmouth
Diesel and Gasoline Fleet Fuel Island**

INVITATION TO BID

The Town of North Yarmouth ("Town") is soliciting an Invitation to Bid for the engineering, procurement, construction of a Diesel/Gasoline Fleet Fuel Island with an above ground double compartment tank with leak monitoring, dispensing and safety equipment, concrete fuel containment pad with canopy, and all other related equipment.

Further specifications may be obtained by emailing Clark Baston, Public Works Director, at nypwd@northyarmouth.org or calling (207) 829-3274. Any letters can be sent to the Town of North Yarmouth at 10 Village Square Road, North Yarmouth, ME 04097.

All bids must be submitted to the Town Manager in a sealed envelope clearly marked "Fuel Island". All bids must be received by no later than 3:00pm on **September 9, 2021, bids will be opened at 3:15pm. The Town reserves the right to accept or reject any and all bids and will discuss said bids at the Select Board Meeting on **September 21, 2021**.**

All bids should be submitted to:

**Town Manager
Town of North Yarmouth
RE: Fuel Island Bid
10 Village Square
North Yarmouth ME 04097**

Town of North Yarmouth – Fuel Island Purchase

NOTICE AND GENERAL SPECIFICATIONS

All equipment shall be absolutely new and/or the latest model. The contractor will state in their proposal: name, model numbers, etc. of the equipment being offered for bid. Bid should include literature with pictures and detailed specifications for each item bid including basic warranty and extended service options. Equipment shall meet all applicable UL, MSHA, ANSI, SAE, and DOT, federal and state standards. Equipment shall be furnished complete and in readiness for use as required by the terms of these specifications. All design, materials, and workmanship shall in every respect be in accordance with the best current practices in the industry.

Equipment must be completely inspected and serviced by the vendor prior to delivery including but not limited to leak testing, pressure tests, and calibration of electronic equipment. Component capacity ratings shall be determined prior to delivery to the town. The equipment shall be delivered and installed to the Town of North Yarmouth by July 1, 2022 or other date as agreed upon.

The Town of North Yarmouth will award this bid to the bidder meeting the attached specifications. operator preference, manufacturers product support, company service capabilities, dealer support and manufacturer affiliation will be a strong factor when awarding this bid. The Town of North Yarmouth reserves the right to waive any informality in the bids, to accept any bid and to reject any or all bids, should it deem in the best interest of the Town to do so.

Winning contractor **must** have capabilities to service products after the sale with 24-hour emergency service within a one (1) hour travel time.

The vendor, by submitting a bid, agrees to the conditions, requirements and specifications. Questions about the specifications should be directed to Clark Baston, Public Works Director, at 207-829-3274 during regular business hours.

I. Project Overview

The vendor will install a fuel island to be used by the Town's Fire Rescue Department and Public Works Department. Both gasoline and diesel fuel will be dispensed. This system will be installed over a public drinking water aquifer, all safety precautions to protect against spills and contamination of the ground water shall be utilized. The following features must be included:

- 1) System shall consist of one (1) 7000-gallon double walled compartment FLAMESHIELD® tank, all product piping to be above ground and visible.
- 2) Shall have two (2) individual product dispensers labeled "Diesel" and "Gasoline". Arrangements for future DEF dispenser shall be planned for.
- 3) Shall have a fuel management system to track each employee fueling a vehicle, how much fuel dispensed, type of fuel, what vehicle was fueled and send information to Public Works Director and Town Office.
- 4) Shall have a concrete pad designed to capture spills, protected by a lighted canopy covering fueling area. A fire suppression system with capability to control a fire in and around the fueling area. Tank and related equipment shall be enclosed by a six foot (6') high chain link security fence.

Any necessary or required items missed in the detail section shall be brought to the attention of the Public Works Director for possible inclusion. All work shall be the best practices of the industry. All references to a specific brand of product shall be "or equivalent". Determination of "or equivalent" to be made by the Town.

II. Project Details

Permits

Contractor shall be responsible for all permits and plans. To include, but not limited to, State Fire Marshal, Maine DEP, local permits and approvals, and Dig Safe. The contractor shall notify The Yarmouth Water District.

Site Preparation and Demolition

Contractor shall agree to the following:

- 1) Contractor shall construct a temporary fence around work site during construction.
- 2) Contractor shall follow all applicable OSHA safety rules.
- 3) Contractor shall cut and remove asphalt paving as necessary. Removed asphalt will be transferred to the Town's asphalt reclaim pile located at the Public Works Department.
- 4) Grade of concrete pads shall be set to divert storm water runoff from the existing paved parking lot from running over newly constructed pads and fuel island area.
- 5) Contractor will grade and compact concrete pad area.
- 6) Contractor will dig and back fill all electric conduit trenches.

- 7) Contractor will repave with three-inch (3") hot mix asphalt from new concrete pad to match existing pavement and loam hay and seed any non-paved areas.

Tank Specifications

(1) 7000-gallon split (4000 diesel & 3000 gasoline). An above ground 8'x18' eight inch (8") double wall FLAMESHIELD® tank with emergency vents painted with white epoxy paint. Tank to be equipped with OSHA compliant stairs and platform to tank center.

Piping system

- (x2) One-and-a-half foot (1.5') above ground steel product lines from tank to pumps.
- (x2) One-and-a-half foot (1.5') electric anti-siphon valves.
- (x2) Fairfield stainless steel pump containment units.
- (x2) One-and-a-half foot (1.5') pressure regulating safety valves mounted under pump.
- (x2) Two-foot (2') normal vent lines with weather caps.
- (x2) Twenty (20) gallon Fairfield stainless steel aboveground overspill containment units with lids.
- (x2) OPW f-Stop overfill prevention valves.
- (x2) Three-foot (3') aboveground Fill lines with ball valves and check valves.
- (x2) Three-foot (3') adaptors and lockable caps.
- (x1) Dual point fill port with overspill containment.

Leak/Level control

- (x1) Omntec lu-3 leak/level console.
- (x2) Overfill high level probes.
- (x1) Tank interstitial sensor.
- (x2) Tank top mounted site gages.

Concrete tank/Fill/Dispenser Pad

- (x1) Concrete dispenser/fill/tank pad approximately 38'x 24'x 8" with PLB's. Pad to be constructed with 5000 PSI concrete with rebar 12 O.C., BW and designed to contain any accidental product spills.

Dispensers

- (x2) Wayne Reliance Single Hose Fleet Pumps, 10:1 volume pulser, internal filters, none resettable totalizer, enhanced capacity. Gasoline $\frac{3}{4}$ " x 20' hose nozzle swivel and breakaway, Diesel 1" x 20' hose with Nozzle swivel and breakaway. Both lines to be on high hose retrievers with hose buns.

Fuel Control

- (x1) Petovend PV200 Fuel Island Terminal (FIT), external Fuel Site Controller (FSC), SQL Lite pc-based software.
- (x1) Forty-eight-inch (48") pedestal with PCM mounting bracket.
- (x1) PCM two (2) hose control module.
- (x100) chip keys encoded.

Canopy system

- (x1) Canopy (24x24) with a one (1) column support to cover equipment and vehicle being fueled. Fifteen-foot (15') clearance, thirty-six-inch (36") ACM fascia, color to be white. Bronze decking, external drains, four (4) led light fixtures to sufficiently light fuel island area including tank fill area. Lights to be motion activated.

Fire Suppression

Fire suppression system for vehicle fueling area shall be approved by North Yarmouth Fire & Rescue Chief.

Electrical

- Electric power may originate from the existing service and breaker panel located currently at the Public Works Department's Office and Garage buildings.
- Conduit, wiring, and related electrical equipment shall be supplied for project to include but not limited to: pumps, fuel control system, canopy lights, emergency stop, leak/level monitor. Power to fuel island with separate breaker to be installed for possible future DEF dispensing system. This system will also work during power outages with the stand by the generator located at Public Works.

Fence/Accidental Vehicle Damage Protection

- Six-foot (6') high commercial grade galvanized chain link fence with six-foot (6') wide cantilever slide gate in front of fuel fill port. Fence to be approximately ten-feet (10') away, from and around tank, and fill port.
- U-bumpers on each side of fuel pumps/fuel control/canopy post.
- Plastic covered six-inch (6") concrete bollards to protect tank and related equipment in areas that could be struck by a vehicle.

Signage

Include any required safety signage/decals, such as but not limited to: "Diesel Fuel" or "Gasoline", "No Smoking", "Turn Vehicle Off", etc.

Testing/Start-up/Training

- All equipment shall be tested and calibrated (dispensing equipment, leak/level, POS, plumbing/tank, electrical, emergency equipment) before placing into service.
- Training shall be providing to Town employees prior to placing fuel island into service. Training on fueling operations, emergency equipment and fuel control recording/reports system.

III. Additional Requirements

Warranties/Guarantees/Service Inspections

All guarantees and/or warranties for all equipment and workmanship must be included in writing with bid. The bid shall also include any extended service contracts that may be available. The winning contractor **must** be able to provide 24/365 Emergency Services and must be within one (1) hour of the Town. Winning contractor must be able to perform annual tests and inspections.

Insurance

Current proof of insurance required with bid package