



Northeastern Petroleum Service and Supply Inc.

37 Brookley Road • Jamaica Plain, MA 02130

617-522-8390-8391-8392

Industrial Measurement and Control Division

617-522-6060-6061



Page 1 of 5

QUOTATION & CONTRACT FORM

To: Town of Saugus
298 Central Street
Saugus, MA 01906

No. 031518
In reply, refer to this number

Attention Of: Purchasing

Date: 03/15/18

Your Inquiry: Fuel Dispenser Upgrade

Gentlemen:

We are pleased to submit quotation on our interpretation of your requirements, subject to terms and conditions printed on reverse side of this proposal.

DPW FACILITY

The following proposal includes removing the four existing Gasboy pumps and dispensers and related piping. We will be providing a submersible pump for both the diesel and gasoline tanks. We will be providing a full cabinet dispenser with all accessories for the diesel and gasoline tanks.

See Next Page For The Equipment Quote

PURCHASER

By _____
DULY AUTHORIZED AGENT

Date _____

- ☐ Northeastern Petroleum Service and Supply Inc.
☐ Industrial Measurement and Control Div.

By Paul McMahon
Paul McMahon, Sales Manager

TITLE



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QUOTATION & CONTRACT CONTINUATION SHEET

GASOLINE EQUIPMENT

QTY. DESCRIPTION

- 2 Dresser Wayne, single hose, mechanical registration, gasoline dispenser. The following equipment is also included:
 - 2 - Pulse transmitter 10-1
 - 2 - Automatic hi speed nozzle
 - 2 - Hose $\frac{3}{4}$ X 15'
 - 2 - Breakaway with whip hose
 - 2 - OPW hi hose retriever
 - 2 - Emergency shut off shear valve with fusible link shut off.
 - 2 - Containment base for dispenser
- 1 Red Jacket $\frac{3}{4}$ HP, gasoline submersible pump. The pump will be complete with a control relay box, 1 $\frac{1}{2}$ " ball valve, 1 $\frac{1}{2}$ " solenoid valve and tank top 1 $\frac{1}{2}$ " emergency shut off valve.

DIESEL EQUIPMENT

- 2 Dresser Wayne, single hose, mechanical registration, diesel dispenser. The following equipment is also included:
 - 2 - Pulse transmitter 10-1
 - 2 - Automatic hi speed nozzle.
 - 2 - Hose 1" X 15'
 - 2 - Hose retriever
 - 2 - Breakaway with whip hose
 - 2 - Swivel
 - 2 - Dispenser emergency shut off shear valve with fusible link shut off.
 - 2 - Containment base for dispenser
- 1 Red Jacket $\frac{3}{4}$ HP, diesel submersible pump. The pump will be complete with a control relay box, 1 $\frac{1}{2}$ " ball valve, 1 $\frac{1}{2}$ " solenoid valve and tank top 1 $\frac{1}{2}$ " emergency shut off valve with fusible link

NOTE: The town will need to either relocate the existing bollards or install new ones. We provide Universal bollards. The cost is \$255.00 each. Please determine how many are needed and add to the overall cost. Saugus DPW to install.

See Next Page For Equipment Installation



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QUOTATION & CONTRACT CONTINUATION SHEET

EQUIPMENT INSTALLION

The following is an approximation of the schedule we will follow in installing the above quoted equipment.

Day 1 - Remove existing, four diesel and gasoline Astra pumps and remote dispensers and make ready for new. Install new diesel bases and mount diesel dispenser on each base.

Day 2 - Install diesel submersible pump into existing storage tank. Install solenoid valve, and ball valve on immediate discharge of pump. Install 1 1/2" schedule 40 galvanized piping from pump discharge to each diesel dispenser. Install emergency shut off valve at each dispenser base.

Day 3 & 4 & 5 - Mount gasoline dispenser bases. Install gasoline dispensers on to base. Install gasoline submersible pump into existing storage tank. Install solenoid valve and ball valve on immediate discharge of pump. Install 1 1/2" schedule 40 galvanized piping from pump discharge to each gasoline dispenser. Install emergency shut off valve at each dispenser base.

Day 6 & 7 - Install all dispenser accessories on each diesel and gasoline dispensers such as nozzles, hoses, hose masks, breakaway, and swivels. Construct supports for section of vertical diesel and gasoline piping lines as well as conduits.

We assume the town will be able to provide us a crane or front end loader to assist us in lifting the Red Jacket submersible assembly on to the top of the storage tank.

See Next Page Equipment Wiring Installation Quote



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EQUIPMENT ELECTRICAL INSTALLATION QUOTE

There are not enough power wires going out to the fuel tank to wire the new Red Jacket submersible pumps and Red Jacket control boxes. We will need to cut out and remove the 2 ey fittings at the electrical panel located inside the building and out at the fuel tank area. Remove all power wires in this raceway. Furnish and install two new 2" explosion proof ey fittings. Put the conduit raceway back together.

Beside the electrical panel, install two Red Jacket control boxes for the submersible pumps.

Install new power wiring from the electrical panel out to the fuel tank junction box. Replace all of the existing circuits, and install additional circuits for both pumps.

Wire the pumps through the Red Jacket control boxes. Wire the solenoids through the Fuelmaster pedestal.

There is no emergency means to shut down the fuel pumps, dispensers, in case of an emergency. We will install two six pole contactors and enclosures in the electrical room. Run all wires going out to the fuel island through the contactors. Install wiring for an emergency push button to shut down the relays. Locate this emergency stop button on the outside of the maintenance building besides the overhead door facing the island nearest the tanks. Furnish and install emergency signage at the dispensers and on the building for instructions.

At the island, extend from the power junction box with new 3/4" rigid conduits and all required explosion proof fittings to power and control two submersible pumps and two solenoid on top of the tank to power four new fuel dispensers and pulsars control back to the Fuelmaster

Eliminate, cut off and seal all conduits to the existing dispensers.

This quote is based on being able to remove the existing circuits to the island in the 2" conduit and installing 16 new wires in the same raceway.

See Next Page For Electrical Note



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ELECTRICAL NOTE:

In the event that we cannot use the existing 2" conduit for the above quoted electrical work, we offer the following quote for additional electrical work.

SCOPE:

Locate, modify and replace the 2" underground conduit for the fuel island:

- If the 2" rigid conduit going to the fuel island is not reusable, work with Saugus DPW to locate the 2" raceway as it emerges underground from the maintenance building.
- Install a new 2" rigid conduit in the trench from the building over to the left front corner of the fuel island dug and later back filled by Saugus DPW. At the left corner of the fuel island install an explosion proof junction box.
- Extend from this junction box and provide conduit and wiring for all equipment listed on above quote.
- Furnish and install all required explosion proof fittings for this work.

The cost for this work including labor and material is \$9,100.25

PRICING SUMMARY

<i>DPW EQUIPMENT TOTAL</i>	<i>\$34,795.06</i>
<i>DPW EQUIPMENT INSTALLATION</i>	<i>\$17,560.00</i>
<i>DPW EQUIPMENT ELECTRICAL INSTALLATION</i>	<i>\$20,777.40</i>
<i>GRAND TOTAL</i>	<i>\$73,132.40</i>

PRICING SUMMARY IF ADDITIONAL ELECTRICAL WORK IS REQUIRED

<i>EQUIPMENT TOTAL</i>	<i>\$34,795.00</i>
<i>EQUIPMENT INSTALLATION</i>	<i>\$17,560.00</i>
<i>ELECTRICAL WORK</i>	<i>\$20,777.40</i>
<i>ADDITIONAL ELECTRICAL REQUIRED</i>	<i>\$9,100.35</i>
<i>GRAND TOTAL</i>	<i>\$82,232.75</i>



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Article 13
MEMBER
PEI
PETERSON EXHIBIT INTERNATIONAL

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To: Town of Saugus
27 Hamilton Street
Saugus, MA 01906

No. 031518
In reply, refer to this number

Date: 03/15/18

Attention Of: Purchasing

Your Inquiry: Fuel Dispenser Upgrade

Gentlemen:

We are pleased to submit quotation on our interpretation of your requirements, subject to terms and conditions printed on reverse side of this proposal.

POLICE / FIRE FACILITY

Thank you for the opportunity to quote on replacing your existing Gasboy diesel and gasoline pumps and dispensers. We will be providing a submersible pump for both the diesel and gasoline tanks with a full cabinet dispenser and all accessories for the diesel and gasoline lines.

The following proposal is based upon the town digging a new trench along the far side of the yard where the asphalt borders the grass. The trench will begin behind the tank and terminate at the fire headquarters building. The conduits will start at the tank area and enter into the garage area. Saugus DPW will dig a trench thru the grass to avoid traffic. Three new conduits will be installed. See section on electrical work.

- ☐ Northeastern Petroleum Service and Supply Inc.
☐ Industrial Measurement and Control Div.

By _____
PURCHASER
By _____
DULY AUTHORIZED AGENT

By Paul McMahon
Paul McMahon, Sales Manager

Date _____

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GASOLINE EQUIPMENT

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 - 1 - Automatic hi speed nozzle
 - 1 - Hose $\frac{3}{4}$ X 15'
 - 1 - Breakaway with whip hose
 - 1 - OPW hi hose retriever
 - 1 - Emergency shut off shear valve with fusible link shut off.
 - 1 - Containment base for dispenser
- 1 Red Jacket $\frac{3}{4}$ HP, gasoline submersible pump. The pump will be complete with a control relay box, 1 $\frac{1}{2}$ " ball valve, 1 $\frac{1}{2}$ " solenoid valve and tank top emergency shut off valve with fusible link.

DIESEL EQUIPMENT

- 1 Dresser Wayne, single hose, mechanical registration, diesel dispenser. The following equipment is also included:
 - 1 - Pulse transmitter 10-1
 - 1 - Automatic hi speed nozzle.
 - 1 - Hose 1" X 15'
 - 1 - OPW hi hose retriever
 - 1 - Breakaway with whip hose
 - 1 - Swivel
 - 1 - Emergency shut off shear valve with fusible link shut off.
 - 1 - Containment base for dispenser
- 1 Red Jacket $\frac{3}{4}$ HP, diesel submersible pump. The pump will be complete with a control relay box, 1 $\frac{1}{2}$ " ball valve, 1 $\frac{1}{2}$ " solenoid valve and tank top emergency shut off valve with fusible link.

Note: The town will need to either relocate the existing protective bollards or install new ones. We offer Universal U shaped bollards for \$255.00 each. Please determine how many you need and add to the overall price. Installation by Saugus DPW

See Next Page For Installation Quote



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EQUIPMENT INSTALLION

The following is an approximation of the schedule we will follow in installing the above quoted equipment.

Day 1 - Remove existing diesel and gasoline Astra pumps and remote dispensers and make ready for new. Install new diesel base and mount diesel dispenser on to base.

Day 2 - Install diesel submersible pump into existing storage tank. Install solenoid valve, and ball valve on immediate discharge of pump. Install 1 1/2" schedule 40 galvanized piping from pump discharge to the diesel dispenser. Install emergency shut off valve at dispenser base.

Day 3 & 4 - Mount gasoline dispenser base. Install gasoline dispenser on to base. Install gasoline submersible pump into existing storage tank. Install solenoid valve and ball valve on immediate discharge of pump. Install 1 1/2" schedule 40 galvanized piping from pump discharge to the gasoline dispenser. Install emergency shut off valve at dispenser base.

Day 5 - Install all dispenser accessories on each diesel and gasoline dispensers such as nozzles, hoses, hose masks, breakaway, and swivels. Construct supports for section of vertical diesel and gasoline piping lines as well as conduits.

We assume the town will be able to provide us a crane or front end loader to assist us in lifting the Red Jacket submersible assembly on to the top of the storage tank.

See Next Page For Conduit and Wiring Installation Quote



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ELECTRICAL WORK

Scope: Wire two new dispensers and submersible pumps. Re configure all conduits at the fuel island. Install new underground raceways for power and future use.

Install one 1 1/4" conduit and two 1" rigid conduits. The conduits will run underground in the new trench over to the garage on the left side of the building. Conduits will extend out of the ground and over the concrete wall to the upper left side of the garage wall above the seepage point and bring them into the garage. Core drill thru the building. Terminate one 1" raceway inside the building.

Inside the building, build a trapeze across the beams of the garage over to the other side. Install the raceways in EMT pipe over to the wall. Drill through and continue the pipes above the hallway ceiling (if possible) and into the old dispatch room. Terminate the power 1 1/4" conduit in the fuel electrical panel. Terminate the second conduit (1" raceway for future use above the drop ceiling).

Install all new power wiring to the fuel island for fuel equipment. Extend from the electrical panel with a total of twenty wires to the island. Increase the power wires to a #10 conductor for all the equipment drawing power because of the length of the run. Provide three spare wires to the island.

At the area where the conduits come out of the ground, furnish and install new explosion proof junction boxes for the two raceways and blank off the third pipe.

Extend from the power junction box in new 3/4" rigid conduit and all required explosion proof fittings up to the new submersible pumps and solenoids on the top of the tank.

Extend from the power junction box with new 3/4" rigid conduits and all required explosion proof fittings over to the existing Fuelmaster reader and to the two new dispensers. Install new conduit and wiring for the pulsars.

Eliminate all existing conduit and wiring from the equipment at the island being replaced. Eliminate the wiring to the old relays above the panel which allowed the old pumps to be shut down from the police department console.

General Notes:

- Provide and install all required explosion proof fittings. Properly seal all explosion proof fittings upon completion of this work.
- Patch any holes made during this work
- Please allow the system to be shut down for five days.



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PRICING SUMMARY

FIRE / POLICE EQUIPMENT TOTAL.....\$20,560.00

FIRE / POLICE EQUIPMENT INSTALLATION.....\$8780.00

FIRE / POLICE ELECTRICAL WORK.....\$44,066.40

GRAND TOTAL.....\$73,406.00