

Date: 5/5/2025

Region: 4A
FAC ID: NY065

CSS No.: 3113788
Maximo WO No.: 18481

Asset #: NA

Priority: Routine



Original Work Request:

Repair PTHP units. 4 PTHP units noted to be in alarm mode, with temperatures above average setpoint.
Room 201 - LG error code 46, possibly outdoor unit suction line thermistor disconnected
Room 205- LG error code 35, possibly issue with low pressure sensor
Rooms 214 & 215- LG error code 67, possibly issue with outdoor unit fan motor
All are running between 73-76 degrees even with manual override attempt.

Description of Repairs Needed:

Technician found Rm201 thermistors shorted and board with burnt terminal. Rm205 found low charge and leaking shrader, charged and tightened cap. Should replace shrader. Rm214 Reset unit fan, ran as it should. If it happens again may need wind baffle. Rm215 Reset unit fans and unit ran as it should. Heating and cooling. May need wind baffle.
Labor and material to a) turn off power to LG heat pump in room 201, b) remove defective PCB inverter board (burnt up) and 3 thermistors, c) supply and install new PCB board, d) supply and install 3 new thermistors, e) start unit and check operation, f) clean up and properly dispose of all debris generated at job site.

Labor:

	Labor Hrs	Labor Rate	Total
Service Technician	6	\$ 114.50	\$ 687.00
Truck Charge	1	\$ 55.00	\$ 55.00
Assessment (\$971.00 8 hours - (minus) LOL \$198.00)	1	\$ 773.00	\$ 773.00

Material List:

	Quantity	Cost	Total
PCB Inverter	1	\$ 723.00	\$ 723.00
Thermistors	3	\$ 60.00	\$ 180.00
			\$ -
			\$ -

Equipment List:

	Quantity	Cost	Total
			\$ -
			\$ -
			\$ -

PM WO History:

NA

Estimate Summary:

Labor	Material	Equipment
\$ 1,515.00	\$ 903.00	\$ 0.00

Sub Total	G&A 12%	Fee 6%	Total Estimate
\$2,418.00	\$290.16	\$145.08	\$2,853.24



GREATER NIAGARA
Mechanical, Inc.

GREATER NIAGARA MECHANICAL, INCORPORATED

7311 WARD ROAD ∞ NORTH TONAWANDA, NEW YORK 14120

PHONE 716.695.3600 ∞ FAX 716.695.3700

April 8, 2025

Quote 25-140

Tidewater Inc.
6625 Selnick Drive, Ste A.
Elkridge, MD 21075

RE: TONAWANDA USARC ROOM 201 HEATPUMP REPAIR

We, at Greater Niagara Mechanical, Inc., are pleased to offer the following scope of work and pricing for your review:

Scope:

- Turn off power to LG heat pump in room 201
- Remove defective PCB inverter board and 3 thermistors (Board burnt up)
- Supply and install new PCB board
- Supply and install 3 new thermistors
- Start unit and check operation

Labor/Truck.....	\$742.00 (6 hours @ \$114.50hr) (1 truck charge @ \$55.00)
PCB inverter.....	\$723.00
3 Thermistors.....	\$180.00
Total Cost.....	\$1,645.00

HVAC Exclusions

- Shift or premium time
- Tax
- Anything not covered in above scope

Thank you for the opportunity to quote the above-mentioned project! Please feel free to contact us with any questions.

Sincerely,

Christopher Sembert
Greater Niagara Mechanical



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INVOICE

For services rendered to: Tidewater, Inc.
5835 Avenida Encinas Suite 118
Carlsbad, CA 92088
Attn: Accounts Payable

DESCRIPTION: Tonawanda USARC NY065 Repair PTHP

Invoice #: 25148

Invoice Date: 4/11/25

Pay Requisition: 1

Contract No: 2943-25

PO #: NY065 FEMS 3113788
WO 18481

Contract Date: 3/26/25

Contract Amount	\$971.00
Change Orders to Date	\$0.00
Total Amount of Contract	\$971.00
Tax: Exempt <input checked="" type="checkbox"/> Cap Imp <input type="checkbox"/> Taxable <input type="checkbox"/>	\$0.00
Total Billable Amount	\$971.00
Total Amount Completed to Date	\$971.00
Less Previous Invoices	\$0.00
Amount Due this Invoice	<u>\$971.00</u>
Amount Left to Bill	\$0.00
TERMS	NET 30

Your prompt payment is greatly appreciated! We look forward to working with your firm in the future!