

Region: 2

Location: NY127

CSS #: 21181

Maximo Work Order No.: 5670

Asset #: NA

Date Issued: 9/26/19

Original Description:

Repair leaking Glycol Tank on the Heating Loop, it appears to be leaking somewhere in the Piping. urgent POC Mike Moseman 518-421-2252

Repairs Needed:

Complete repairs for glycol leaks at the Binghamton Army Reserve site.

EMTech proposes to supply all labor and material needed to complete the following:

- Isolate and replace 14 unions that are leaking with dielectric unions and 2 ½" control valves
- Remove and replace the faulty 30 gallon expansion tank with a new 60 gallon tank
- Add glycol to system and adjust fill tank controls.
- Provide glycol analysis of both chilled water loop and hot water loop
- Ensure proper operation

RS Means Line Buildup and Labor Summary (Data Version 2017, Q4):

| Quantity | Line Item Number | Description | Labor Hours | Labor Rate/Hr | Materials | Equipment | Total |
|----------|------------------|------------------------------------|-------------|---------------|------------|-----------|------------|
| -- | NA | Materials (See attached detail) | -- | -- | \$8,187.00 | -- | \$8,187.00 |
| -- | NA | EMTech Labor | -- | -- | -- | -- | \$9,920.00 |
| -- | NA | EMTech Travel | -- | -- | -- | -- | \$2,470.00 |
| -- | NA | Tidewater Labor | 24 | \$80.00 | -- | -- | \$1,920.00 |

Estimate Summary:

| Labor Hours | Labor Cost | Material Cost | EMTECH Travel | Total Cost | CE Factor | Total Estimate |
|-------------|-------------|---------------|---------------|-------------|-----------|--------------------|
| -- | \$11,840.00 | \$8,187.00 | \$2,470.00 | \$22,497.00 | 90% | \$20,247.30 |



ENERGY MANAGEMENT TECHNOLOGIES, LLC

5 HEMLOCK STREET

LATHAM, NEW YORK 12110

518.783-7810

FAX: 518.783-2079

PROPOSAL

November 8, 2019

Tidewater Inc.
6625 Selnick Drive, Suite A
Elkridge, Maryland 21075

Attn: Patrick Brown

Original CSS# 21181

Subject: Complete repairs for glycol leaks at the Binghamton Army Reserve site.

Scope of Service:

EMTech proposes to supply all labor and material needed to complete the following:

- Isolate and replace 14 unions that are leaking with dielectric unions and 2 ½" control valves
- Remove and replace the faulty 30 gallon expansion tank with a new 60 gallon tank
- Add glycol to system and adjust fill tank controls.
- Provide glycol analysis of both chilled water loop and hot water loop
- Ensure proper operation

The original trip to evaluate the system is also included in this proposal (\$1,729.20)

For the above work, we quote: \$20,577.00.....Twenty Thousand Five Hundred and Seventy Seven Dollars.

Any and all taxes are not included.

The above is broken down as follows:

\$9,920.00 Labor

\$8,187.00 Material

\$2,470.00 Travel Expenses (Hotels, Meals, Travel)

Thank you for including EMTech on your energy team. We look forward to working with you. Please feel free to contact for any questions or concerns you may have on this project.

Sincerely,

Jenna Caligaris
Service Coordinator

