

**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.

Tidewater 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 existing expansion tank and replace with new tank
- Add glycol to system and adjust fill tank controls.
- 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)	--	--	\$4,725.32	--	\$4,725.32
--	NA	EMTech Diagnostic	--	--	--	--	\$1,729.20
--	NA	Tidewater Repair Labor	160	\$80.00	--	--	\$12,800.00

**Estimate Summary:**

Labor Hours	Labor Cost	Material Cost	Diagnostic	Total Cost	CE Factor	Total Estimate
160	\$12,800.00	\$4,725.32	\$1,729.20	\$19,254.52	90%	<b>\$17,329.07</b>

F. W. Webb Company  
6792 Townline Road  
Syracuse, NY 13211  
TEL# (315-476-9322)  
FAX# (315-472-4139)

Quote  
Number  
11/27/19  
65467099

To:  
TIDEWATER, INC.  
6625 SELNICK DRIVE

TIDEWATER, INC.  
6625 SELNICK DRIVE

ELKRIDGE MD 21075

ELKRIDGE MD 21075

(410-540-8700) Fax# (410-579-1685)

Cust #	Customer P#	Rel#	Writer	Date Req
198314	TANK		BTW	11/27/19

PAGE 1 OF 2

Quoted By: BRIAN WOLFORD

Quantity	Description	Net Price	Exten	Ln#
1	EXP TNK VERT 33.66GAL 125PSIG 1/2" F AMITAX-60V (319846)	1510.400	1510.40	( 1)
1	VLV ACT ELE VA9104 NON-SR DIR MNT 24V JSNVA9104-IGA-3S (425690)	124.000	124.00	( 2)
	1 WEEK LEAD PLUS SHIPPING			



## Cart

Item Availability	Quantity	Total Price
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 <b>WATTS 1/2"</b> Brass, Malleable Iron Dielectric Union with FIP x Solder Fitting Connection Type Item #5DMG0 Your Price: \$9.94	14	\$139.16
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Expected to arrive **Tue.**

**Dec 3** using standard ground shipping  
(additional shipping options available at Checkout.)

 <b>MUELLER INDUSTRIES</b> Coupling, Wrot Copper, C x C, 1/2" Tube Size Item #5UFZ9 Your Price: \$0.86	28	\$24.08
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Expected to arrive **Tue.**

**Dec 3** using standard ground shipping  
(additional shipping options available at Checkout.)



**MUELLER INDUSTRIES 10 ft. Hard** 1 \$26.20

Straight Copper Tubing, 5/8"  
Outside Dia., 0.500" Inside Dia.

Item #4WTP2

Your Price: \$26.20

Expected to arrive **Tue.**

**Dec 3** using standard  
ground shipping  
(additional shipping  
options available at  
Checkout.)



**MUELLER INDUSTRIES 5 ft. Hard** 2 \$49.70

Straight Copper Tubing, 7/8"  
Outside Dia., 0.750" Inside Dia.

Item #4WTP7

Your Price: \$24.85

Expected to arrive **Tue.**

**Dec 3** using standard  
ground shipping  
(additional shipping  
options available at  
Checkout.)



**MUELLER INDUSTRIES 5 ft. Hard** 2 \$26.90

Straight Copper Tubing, 5/8"  
Outside Dia., 0.500" Inside Dia.

Item #4WTP1

Your Price: \$13.45

Expected to arrive **Tue.**

**Dec 3** using standard  
ground shipping  
(additional shipping  
options available at  
Checkout.)



**NIBCO Tee, Wrot Copper, C x C x C,**

4

**\$10.96**

**3/4" Tube Size**

Item #5P103

Your Price: **\$2.74**

Expected to arrive **Tue.**

**Dec 3** using standard

ground shipping

(additional shipping

options available at

Checkout.)



**NIBCO 90° Elbow, Wrot Copper, C x**

6

**\$8.10**

**C, 3/4" Tube Size**

Item #5P053

Your Price: **\$1.35**

Expected to arrive **Tue.**

**Dec 3** using standard

ground shipping

(additional shipping

options available at

Checkout.)



**ASHCROFT 3-1/2" General Purpose**

2

**\$215.70**

**Pressure Gauge, 0 to 60 psi**

Item #33HT43

Your Price: **\$107.85**

Expected to arrive **Tue.**

**Dec 3** using standard

ground shipping

(additional shipping

options available at

Checkout.)



**ASHCROFT 2-1/2" General Purpose  
Pressure Gauge, 0 to 100 psi**

1

\$82.89

Item #33HR71

Your Price: **\$82.89**

Expected to arrive **Tue.**

**Dec 3** using standard  
ground shipping  
(additional shipping  
options available at  
Checkout.)



**HERCULES 5 gal. Pink Propylene  
Glycol, Temp. Range Up to 250°F**

16

\$1,318.40

Item #49K220

Your Price: **\$82.40**

Expected to arrive **Tue.**

**Dec 3** using standard  
ground shipping  
(additional shipping  
options available at  
Checkout.)



**NIBCO Coupling, Wrot Copper, C x C,  
3/4" Tube Size**

14

\$16.80

Item #5P177

Your Price: **\$1.20**

Expected to arrive **Tue.**

**Dec 3** using standard  
ground shipping  
(additional shipping  
options available at  
Checkout.)



**BERNZOMATIC** Fuel Cylinder,

MAPP/PRO, 14 oz.

Item #2YMW6

Your Price: **\$14.88**

5

**\$74.40**

Expected to arrive **Tue.**

**Dec 3** using standard

ground shipping

(additional shipping

options available at

Checkout.)

This item can only be sent via ground shipping.



**WATTS** 3/4" Brass, Malleable Iron

Dielectric Union with FIP x Solder

Fitting Connection Type

Item #5DMG1

Your Price: **\$8.24**

4

**\$32.96**

Expected to arrive **Fri.**

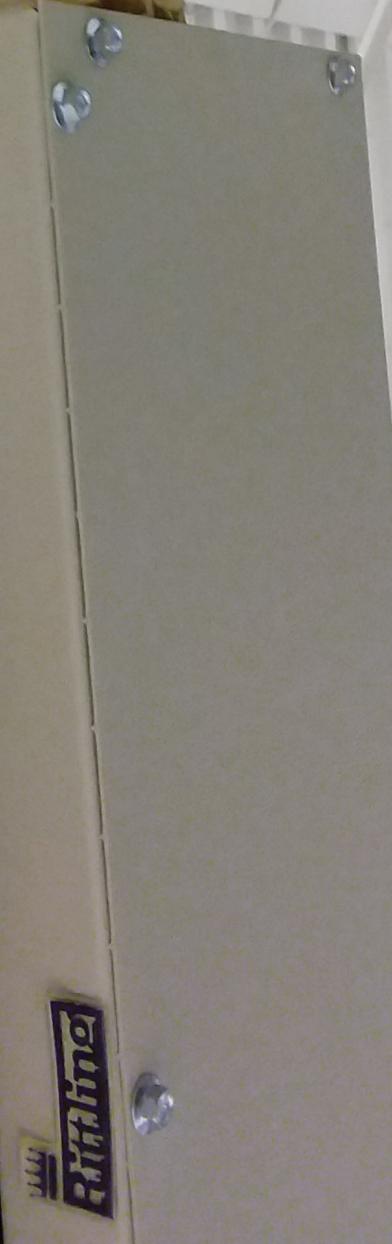
**Dec 6** using standard

ground shipping

(additional shipping

options available at

Checkout.)



HOT WATER SUPPLY





GLYCOL



DANGER



HOT

SANITARY

HOT WATER RETURN

HOT WATER RETURN

WATER SUPPLY