

Region: 5

Location: VA048

CSS #: 26011

Maximo Work Order No.: 12591

Asset #: NA

Date Issued: 7/27/20

Original Description: Angela reported A/C not working again at the AMSA shop.

Repairs Needed:

Labor and materials to replace current failing 20 year old split system at AMSA shop with new.

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)	--	--	\$4,608.56	--	\$4,608.56
--	NA	TW Labor	44	\$80.00	--	--	\$3,520.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
44	\$3,520.00	\$4,608.56	--	\$8,128.56	106%	\$8,616.27



WORK ESTIMATE

CSS #: 26011

Work Order #: 12591

Emergency ☐

Urgent ☒

Routine ☐

Company Name:	Tidewater, Inc.	Facility ID:	VA048
Contractor POC:	Adam Colopy		
Telephone No:	740-819-6207	Building/Location; (e.g., Classroom/Room #)	AMSA AC Unit
E-Mail Address:	adam.colopy@tideh2o.net		
Assigned Technician(s):	Richard Walker/ John Brown		

DESCRIPTION of WORK and EXPLANATION for REPAIRS or REPLACEMENT

Labor and materials to replace current failing 20 year old split system at AMSA shop with new.

LABOR/MATERIAL		MATERIAL/ SUB UNIT DOLLAR AMOUNT	LBR/HR \$80	LINE ITEM TOTAL DOLLAR AMOUNT
ITEM	QUANTITY			
Labor			44	\$3,520.00
Trane Inside Unit - TEM4A0C48S41SB	1	\$1,220.94		\$1,220.94
Trane Outside Unit - 4TWR4048G1000A	1	\$2,284.38		\$2,284.38
Trane Heating Coil - BAYHTR1517BRKA	1	\$167.58		\$167.58
Low V T-Stat	1	\$98.91		\$98.91
Refrigerant 410A (25 lbs)	1	\$200.34		\$200.34
Refrigerant Recovery Tank	1	\$214.20		\$214.20
Brazing Filler Rods	1	\$31.15		\$31.15
Nitrogen	1	\$291.06		\$291.06
Shipping	1	\$100.00		\$100.00
Diagnostic Labor				\$0.00
SUB-TOTAL COSTS:		Materials Total	\$4,608.56	Labor \$3,520.00
TOTAL			\$8,128.56	



Trane U.S. Inc.
MIDLOTHIAN PARTS SUPPLY
14000 Justice Rd
Midlothian, VA 23113-6912
USA
PH: 804-893-5777
Midlothian@tranesupply.com

QUOTATION

Order Number	
12916550	
Order Date	Page
7/27/2020 13:26:56	1 of 2

Quote Expires On 10/25/2020

Prepared For:

TIDEWATER INC
6625 SELNICK DR SUITE A
ELKRIDGE, MD 21075
USA

Ship To:

TIDEWATER INC
6625 Selnick Dr
Elkridge, MD 21075-6220
USA

4105408700

Requested By: richard walker, 5406232587

Job: VA048

P21 ID: 1035611

Internal Account: 3880885

Payment Terms: N30

Customer No: 237607

National Account ID:

PO Number	Ship Route	Quoted By:
		Samantha Cranmer

Unit Info: Make / Model / Serial				

Quantities					Item ID	Pricing	Unit	Extended
Ordered	Allocated	Remaining	UOM	Disp.	Item Description	UOM	Price	Price
			Unit Size			Unit Size	Store Pickup	HazMat
			Weight					
1	0	1	EA		4TWR4048G1000A	EA	1,813.00	1,813.00
Non-Returnable			1.0		4.0T SPL HEAT PUMP 1 PHS	1.0	N	N
			0.00					
1	0	1	EA		TEM4A0C48S41SB	EA	969.00	969.00
			1.0		AIR HANDLER ASM	1.0	N	N
			163.00		AIR HANDLER ASM			
1	0	1	EA		BAYHTR1517BRKA	EA	133.00	133.00
			1.0		HEATER 15KW-1PH	1.0	N	N
			9.83		HEATER 15KW-1PH			



Trane U.S. Inc.
MIDLOTHIAN PARTS SUPPLY
14000 Justice Rd
Midlothian, VA 23113-6912
USA
PH: 804-893-5777
Midlothian@tranesupply.com

QUOTATION

Order Number	
12916550	
Order Date	Page
7/27/2020 13:26:56	2 of 2

Quote Expires On 10/25/2020

Total Lines: 3	SUB-TOTAL	2,915.00
	MARYLAND TAX	174.90
	QUOTE TOTAL	3,089.90
		<i>U.S. Dollars</i>

This is a quote, not an invoice. Prices quoted are valid for 30 days from the day of the quote unless otherwise indicated.
Tax is an estimate and is subject to changes in shipping address and applicable tax rates. Shipping and Handling charges will be applied if necessary at the time of the order. Quoted items are subject to availability and are not guaranteed to be in stock. Returned parts may be subject to restocking fees and Special Order parts may not be returnable.
All purchases are subject to Trane Parts and Supplies terms of sale, www.trane.com/PartsTermsOfSale

Check Availability

Enter U.S. ZIP

Low Voltage Non-Programmable Thermostats

HONEYWELL HOME

Low V T-Stat, Stages Heat 2, Stages Cool 2

Item # **6WU99**

Mfr. Model # **TH5220D1029**



Qty

1

Web Price
\$78.50 / each

Check Availability

ADD TO CART

ADD TO LIST

SHARE THIS PRODUCT

UNIWELD

Empty Fuel Cylinder, Nitrogen, 40 cu. ft., 22-1/2" Overall Height

Item # **2CZW8**

Mfr Model # **N40**



Qty

1

Web Price

\$231.00 / each

Add to Cart

Add to List

AVAILABILITY

Shipping (Current Location)
Expected to arrive **Tue. Jul 28.**

Pickup (Current Location)
Dulles Branch 908
Available for pickup **Tue. Jul 28.**

Check availability at a different location

PRODUCT DESCRIPTION

The Sludge Sucker® is a tool that was developed to clean out a condensate drain line without having to access the rain pan located in an air handler.

TECHNICAL SPECIFICATIONS

Item #	2CZW8
Mfr. Model #	N40
UNSPSC #	24111802
Catalog Page	2437
Shipping Weight	29.90
Country of Origin	China*
Bushing Type	CGA 580

GRAINGER APPROVED

Refrigerant Recovery Cylinder, 30 lb. Recovery Tank Size, 722.5 cu. in. Volume

Item # 4LZH2

Mfr Model # 4LZH2

ZOOM



Qty

1

Web Price

\$170.00 / each

Add to Cart

Add to List

AVAILABILITY

Enter ZIP

Check Availability

PRODUCT DESCRIPTION

Use this reusable powder-coated cylinder with a refrigerant recovery machine and refrigerant recovery scale or float system (all sold separately) to create a complete refrigerant recovery system. A dual-port valve allows use with liquid or vapor. Compatible with recovered or virgin CFC, HCFC and HFC refrigerants. Meets DOT Spec. 4BA and ARI guidelines

TECHNICAL SPECIFICATIONS

Item #	4LZH2
Mfr. Model #	4LZH2
UNSPSC #	23111507
Catalog Page	3007
Shipping Weight	19.86
Country of Origin	Thailand*
Agency Compliance	DOT-4BA and ARI Guidelines
Base	8-1/16
Capacity (kg/Lb.)	11.84/26.1
Collar	7-1/2
Dual Port	Connection Capable as Liquid or Vapor Valve

WESTWARD

Brazing Filler Metals, Tube, PK28

Item # **30AC72**

Mfr Model # **30AC72**



ZOOM

Qty

1

Web Price

\$24.73 / pkg. of 28

Add to Cart

Add to List

AVAILABILITY

Shipping (Current Location)

Expected to arrive **Tue. Jul 28.**

Pickup (Current Location)

Dulles Branch 908

Available for pickup **Tue. Jul 28** estimated after **8:00 AM.**

Check availability at a different location

PRODUCT DESCRIPTION

Joins similar or dissimilar metals together without melting base metal. Kit includes 1-oz. brazing wire and 1.75-oz. white flux.

TECHNICAL SPECIFICATIONS

Item #	30AC72
Mfr. Model #	30AC72
UNSPSC #	23171502
Catalog Page	2432
Shipping Weight	1.05
Country of Origin	China*
Application	Brazing
Brazing Range (F)	1345 to 1500

[Home](#) / [R-410A Refrigerant](#) / R-410A REFRIGERANT 25 LBS

R-410A REFRIGERANT 25 LBS

\$159.00

1

Add To Cart

Category: [R-410A Refrigerant](#)





TRANE

Mechanical Services
INSTALLING & MAINTENANCE
804-359-9624
COMMERCIAL / RESIDENTIAL
TRANE 05

