

Region: 5

Location: DE007

CSS #: 18585

Maximo Work Order No.: 8563

Asset #: 1739

Date Issued: 4/19/19

Original Description: The chiller is out on an alarm and will not start up. With the rising temps and the previous issues we have had with the A/C at this center I want to make sure we are able to maintain proper temps this cooling season. I do not know if this is a controls issue or a mechanical issue.

Repairs Needed:

Charge the system to function without installing a new compressor. (See additional detail in quote provided)

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

Quantity	Line Item Number	Description	Labor Hours	Labor Rate/Hr	Materials	Equipment	Total
1	NA	See Detail Attached	--	--	\$1,275.98	--	\$1,275.98
--	NA	Labor	13	\$100.00	--	--	\$1,300.00
1	NA	SS Mechanical Diagnostic					\$450.00
1	NA	CMI Oversight and Coordination	4	\$80.00	--	--	\$320.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost		Total Cost	CE Factor	Total Estimate
17	\$2,070.00	\$1,275.98		\$3,345.98	102%	\$3,412.90



S&S Mechanical

Location: Newark AFRC

1001 Ogletown Road

Newark, DE 19711

Proposal Submitted to: Adam Colopy

Project: DE007 WO#8563

Office # 301-574-1555

Fax # 301-574-1558

seth@sandsmidatlantic.com

sandsmidatlantic.com

S&S proposed to come out and investigate chiller compressor:

Diagnostic Total: \$450.00

S&S proposes to come out and charge the system to get system functioning without installing a new compressor.

- S&S will reclaim gas from unit
- S&S will charge system with nitrogen to investigate leak
- S&S will assess leak and make repair if able to
- S&S will charge system and preform all operation checks

Materials: \$1,275.98

100lbs of R410A/100R410A/\$480.00

Nitrogen/R31/ \$97.06

Cylinder/CYL200/ \$240.00

(2) Reclaim Tanks/RC30/\$336.00

Tax: \$97.92

Shipping: \$25.00

Labor: \$1,300.00

1 HVAC Technician/13Hours/\$100 rate=1,300.00

Full estimated total: \$3,025.98

Payments to be made as follows: 15 days upon approved invoice

Respectfully submitted: Brian Davis/Lindsay Ruby

Dated: 04/19/19

Order #	67621338-00
Terms	1% 10th prox, Net 30 prox
Customer P/O	LINDSAY

Bill To: 1098152
S&S MECHANICAL BR.19
4845 South Crain Highway
Upper Marlboro, MD 20772

Ship To
S&S MECHANICAL BR.19
4845 South Crain Highway
Upper Marlboro, MD 20772

Branch:
United Refrigeration Inc.
8710 - 8712 Edgeworth Dr.
Capitol Heights, MD 20743
(301)324-8404 FAX#: (301)324-8405
branch19@uri.com



Cust#: 1098152	Order Date: 04/19/19	Whse: 019	Taken By: NLD	Sales out: 190
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Special Instructions:

Ref:

Product Ln# And Description	Quantity Ordered	Quantity B.O.	Quantity Shipped	Qty. UM	Unit Price	Amount (Net)
1 RC30 REF RECLAIM 30LB CLY DEP	2			ea	100.00	200.00
2 RCFEE RECOVERY SERVICE FEE	2			ea	40.00	80.00
<p>*****</p> <p>All Recovered Refrigerant Returned With Less Than 98% Purity Will Be Charged a \$3/lb Handling Fee.</p> <p>*****</p>						

2 Lines Total	Total	280.00
	Taxes	4.80
	Invoice Total	284.80
	** NOT AN INVOICE OR RECEIPT **	

**** This Quote Will Expire On: 05/19/19 ****

Order #	67610285-00
Terms	1% 10th prox, Net 30 prox
Customer P/O	

Bill To: 1098152
 S&S MECHANICAL BR.19
 4845 South Crain Highway
 Upper Marlboro, MD 20772

Ship To
 S&S MECHANICAL BR.19
 4845 South Crain Highway
 Upper Marlboro, MD 20772

Branch:
 United Refrigeration Inc.
 8710 - 8712 Edgeworth Dr.
 Capitol Heights, MD 20743
 (301)324-8404 FAX#: (301)324-8405
 branch19@uri.com



Cust#: 1098152	Order Date: 04/18/19	Whse: 019	Taken By: JJ4	Sales out: 190
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Special Instructions:

Ref:

Product Ln# And Description	Quantity Ordered	Quantity B.O.	Quantity Shipped	Qty. UM	Unit Price	Amount (Net)
EPA Certificate #: 10981527825						
1 100R410A	1			ea	400.00	400.00
R-410A REFRIGERANT 100LB CYLINDER *****HAZARDOUS MATERIAL*****						
2 CYL200	1			ea	200.00	200.00
CYLINDER DEPOSIT \$200.00						
3 RC4864	2			ea	25.73	51.46
SPORLAN ACTIVATED DRIER CORE 404360 Interchange Prod: 404360						
4 PE681G	2			ea	102.98	205.96
NRI POLYOL OIL 1 GAL 68VIS						

4 Lines Total	Total	857.42
	Taxes	39.45
	Invoice Total	896.87
** NOT AN INVOICE OR RECEIPT **		

** This Quote Will Expire On: 04/25/19 **



