

**Region:** 5

**Location:** MD019

**CSS #:** 21183

**Maximo Work Order No.:** 10624

**Asset #:** 2047

**Date Issued:** 09/06/19

**Original Description:** Add in a phase protection device that will protect the chiller from power loss. Also R-22 on the original chiller repairs Each Ciller hold 170#, Top off

**Repairs Needed:**

S&S proposes to come out to install a phase monitor to protect the control circuits in the unit. The system has experienced multiple power outages since work has been completed. This will ensure that the computer boards are protected from phase loss or damage. S&S will top off refrigerant R-22, initial charge of R-22 on previous work, was to try and balance system with unknown quantity system had within system along with S&S fixing all leaks. System needs more refrigerant in order to fully charge the system. S&S will then do a system check and ensure everything is running properly on both circuits.

**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	Refrigerant/R2230	--	--	\$2,550.00	--	\$ 2,550.00
1	NA	Voltage Monitor	--	--	\$167.94	--	\$ 167.94
1		Shipping	--	--	\$100.00	--	\$ 100.00
--	NA	Labor SS Mechanical	28	\$95.00	--	--	\$ 2,660.00
	NA	TWI Oversite and Coordination	4	\$80.00	--	--	\$ 320.00
1	NA	TAX	--	--	--	--	\$ 135.90

**Estimate Summary:**

Labor Hours	Labor Cost	Material Cost		Total Cost	CE Factor	Total Estimate
32	\$ 2,980.00	\$ 2,953.84		\$5,933.84	106%	\$6,289.87



# S&S MECHANICAL

S&S Mechanical

Location: SSG Isadore S. Jachman USARC  
12100 Greenspring Ave  
Owings Mills MD, 21117

Proposal Submitted to: Adam Colopy

Project: MD019 Chiller WO#10624

Office # 301-574-1555

Fax # 301-574-1558

[seth@sandsmidatlantic.com](mailto:seth@sandsmidatlantic.com)  
[sandsmidatlantic.com](http://sandsmidatlantic.com)

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**Materials: \$2,953.84**

Refrigerant / R2230/ \$2,550.00

Voltage Monitor /ICM455/ \$167.94

Tax: \$135.90

Shipping: \$100.00

**Labor: \$2,660.00**

1 HVAC Technician/28 Hours/\$95.00 rate= \$2,660.00

**Full estimated total: \$5,613.84**

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

Respectfully submitted: Brian Davis/Lindsay Ruby      Dated: 09/06/19

Time: 15:50

\*\*\*\*\*  
 \* A C K N O W L E D G E M E N T - Quote Order \*  
 \*\*\*\*\*

FORE AIRECO SUPPLY, INC.  
 7982 PENN RANDALL PLACE  
 UPPER MARLBORO MD 20772 (301)967-6966/

CUST#: 25474 SHIP TO: Order Date: 09/05/19 Whse: 003 ORDER#: 7740366-00

Placed By Taken By Salesrep Out EPA Cert #  
 RAMC STZI 039401994

BILL TO: (301)574-1555 FAX#: 301-574-1558 SHIP TO:  
 S&S MECHANICAL  
 4845 SOUTH CRAIN HIGHWAY  
 UPPER MARLBORO, MD 20772 UPPER MARLBORO, MD 20772

Customer PO: MD019 Special Instructions:

Ship Via: PICK-UP Request Date: 09/06/19 Ship Date: Terms: 1% 10thprox

Line #	Product And Description	Quantity Ordered	Quantity B.O.	Quantity Shipped	Qty Um	Unit Price	Net Price
1	R2230 R22 30LB DISPOS-CAN HCFC	5			EA	425.00000 *	2125.00

1 Lines Total	Total	2125.00
	Taxes	127.50
	Invoice Total	2252.50
** NOT AN INVOICE OR RECEIPT **		

\*\* This Quote Will Be Canceled On: 09/14/19 \*\*  
 THANK YOU FOR YOUR BUSINESS!

[← Motor Protection Controls](#)

# ICM455 3 Phase Line Voltage Monitor w/ LED Display

SKU: **ICM455**

(2)

Brand: **ICM Controls**

\$139.95 each



ADD TO CART

**In Stock**

Get 12 Fri, Sep 13



SYS 1 HIGH OIL DIFF  
SYS 2 LOW SUCT PRESS

Entry