



S&S MECHANICAL

S&S Mechanical

Location: MAUS-WARFIELD USARC
1850 Baltimore Road
Rockville, MD 20772

Proposal Submitted to: Richard Hicks
Project: CMI MD021 Rockville – HVAC

Office # 301-574-1555

Fax # 301-574-1558

seth@sandsmidatlantic.com

sandsmidatlantic.com

S&S hereby proposes to furnish the labor and materials necessary to complete the following:

- supply 55-gallon containers to hold 500 gallons of used glycol and place on site location with customers approval
- turn off pumps and drain glycol into provided drums
- isolate lock and tag out electrical power to condemned pump and remove power wires from pump junction box
- begin venting top floor FCUs and as we drain system and switch 55-gallon containers as they fill
- empty system completely and dismantle condemned pump assembly, including control check valve
- S&S will schedule waste company to remove/dispose of old glycol
- S&S order new replacement glycol
- rig new pump assembly into work area and place
- wire new pump
- install new butterfly valve on discharge side above control check
- fit all pipe pump, and control check valve into place to include new thermometers and pressure gauges
- fill system with new 30% glycol while venting until full making sure all FCUs are depleted of any and all air bubbles
- confirm there are no leaks and that all FCUs are heating at 100%
- energize pump, confirm rotation, operation, and amps
- energize boiler system then log pressures and temperatures
- insulate all new piping and #2 pump box
- clean all debris from work area after project completion



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Labor Total: \$19,450.00

(3) HVAC Technicians / 46 hours each / \$100.00 per hour = \$13,800.00
(1) General Maintenance Technician / 46 hours / \$75.00 per hour = \$3,450.00
(1) Rig Technician / 21 hours / \$75.00 per hour = \$1,575.00
S&S Hauling/ truck, trailer, driver / \$125.00 per hour / 5 hours = \$625.00

Materials Total: \$17,915.66

Pressure Test Gauge / PN:C055058 / QTY 2: \$242.34

Tax: \$14.78
Ship: \$4.00

Thermometer / PN: FNWSDTHN / QTY 2: \$292.89

Tax: \$12.44
Ship: \$4.00

Plastic Drums / 55 gallon / QTY 10 = \$918.00

Tax: \$39.00
Ship: \$75.00

Glycol / 55PG35/ QTY 10 = \$7,200.90

Tax: \$328.62
Ship: \$300.00

Glycol Disposal Fee = \$2,014.74

Tax: \$95.94

Grundfos Pump /PN: 98878004 / QTY 1 = \$4,415.69

Tax: \$210.27
*4 week lead time

Control Check Valve / PN: M721P / QTY 1 = \$1,317.20

Tax: \$62.72
Ship: \$100.00
*7-10 day lead time

Copper Tubing / PN: KHARDPI0 / QTY 1 = \$400.41

4" Fitting / PN: CSCP / QTY 1 = \$133.59

2" Fitting / PN: CSCK / QTY 1 = \$10.75

Butterfly Valve Set:PN: NLD20003P / QTY 1 = \$206.88



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Butterfly Valve Set (cont.)

PN: FNWLBBZIP / QTY 1 = \$14.92

Tax: \$47.35

Insulation: \$500.00

Solder Fee: \$200.00

Project Total: \$37,365.66

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

Respectfully submitted: Brian Davis/Molly King

Dated: 11/29/18

Any alteration or deviation from the above specs

will result in a deviation of costs. If not accepted within 30 days

Contract can be withdrawn & renegotiated under new terms if applicable

All agreements contingent upon weather, accidents, or delays beyond
our control.

The above prices, specifications, and conditions are satisfactory and are hereby accepted.

You are authorized to do the work as specified. Payments will be made as outlined above.

Date:

Signature: