

Additional Funding Request

DE007 – Boiler	Maximo WO # 8033 CSS# 16330 Asset #1731 & 1732
Description of Repairs	Labor and materials to a.) install new air flapper gaskets in both boiler #1 & #2 and adjust. b.) install new gas flapper gaskets in both boilers #1 & #2 and adjust. c.) change the spark plugs in both boilers #1 & #2 d.) change both flame rods in both boilers #1 & #2 e.) change fan proof switch in boiler #2 and adjust. f.) change flame proof switch in boiler #2. g.) perform combustion analyst and adjust to best boiler performance. h.) clear and reset maintenance hours in control module to keep run time hours correct for next PM schedule.
Diagnosis: Initial Work Order	Additional work needed on Boiler #2
Explanation of Additional Costs for Repairs	Labor and material to repair the boilers.
Additional Material Cost to Perform Repairs	Flame switch /2-30-001334/ \$63.60 Fan switch /2-30-000232/ \$63.60 Air flap gasket /2-12-000551/ \$108.00 Gas flap gasket /2-12-000552/ \$62.40 Flame rod /2-40-001011/ \$100.80 Spark plug / 2-20-000090/ \$30.00 Tax: \$21.42 Shipping: \$25.00
Additional Labor Cost to Perform Repairs	14 hrs X \$100.00 hour (\$ 1400.00)
Total Cost of Repair	\$1874.82



United Energy Products, Inc.

Tel: 410-793-0202 Fax: 410-721-7472
1610 Professional Blvd, Suite K
Crofton, MD 21114

ESTIMATE

NAME / ADDRESS

S&S Mechanical
4845 S Crain Highway
Upper Marlboro, MD 20772

DATE	3/8/2019
PROPOSAL NO.	612
SALES REP	Julie Forbes
PROJECT	PHW-1000

QTY	PART NUMBER	DESCRIPTION	UNIT COST	TOTAL
1	2-30-001334	Flame Pressure Switch #2-30-001334	53.00	53.00T
1	2-30-000232	Fan Switch Mount #2-30-000232	53.00	53.00T
1	2-12-000551	Air Flapper Gasket #2-12-000551	90.00	90.00T
1	2-12-000552	Gas Flapper Gasket	52.00	52.00T
1	2-40-001011	Flame Rod Assembly C7009A1009 #2-40-001011	84.00	84.00T
1	2-20-000090	Spark Plug #2-20-000090	25.00	25.00T
		Brian Davis brian@sandsmidatlantic.com		

* NEXT DAY AIR ORDERS NEED TO BE PLACED BY NOON.

* FREIGHT CHARGES NOT INCLUDED. WILL BE ADDED TO FINAL INVOICE.

* ESTIMATED DELIVERY 3-5 DAYS AFTER RECEIPT OF ORDER.

* UEP POLICY REQUIRES A CREDIT CARD FOR ORDERS UNDER \$5,000.

SUBTOTAL	\$357.00
TAX (6.0%)	\$21.42
TOTAL	\$378.42



S&S MECHANICAL

S&S Mechanical

Location: Newark AFRC
1001 Ogletown Road
Newark, DE 19711

Proposal Submitted to: Adam Colopy

Project: TBD

Office # 301-574-1555

Fax # 301-574-1558

seth@sandsmidatlantic.com
sandsmidatlantic.com

S&S is providing this quote to CMI to perform services on both boiler #1 & 2. We will also repair boiler #2 with a new fan pressure switch and a Flame proof switch.

- S&S will install new air flapper gaskets in both boiler #1 & #2 and adjust.
- S&S will install new gas flapper gaskets in both boilers #1 & #2 and adjust.
- S&S will change the spark plugs in both boilers #1 & #2
- S&S will change both flame rods in both boilers #1 & #2
- S&S will change fan proof switch in boiler #2 and adjust.
- S&S will change flame proof switch in boiler #2.
- S&S will perform combustion analyst and adjust to best boiler performance.
- S&S will clear and reset maintenance hours in control module to keep run time hours correct for next PM schedule.

Materials: \$474.82

Flame switch /2-30-001334/ \$63.60

Fan switch /2-30-000232/ \$63.60

Air flap gasket /2-12-000551/ \$108.00

Gas flap gasket /2-12-000552/ \$62.40

Flame rod /2-40-001011/ \$100.80

Spark plug /2-20-000090/ \$30.00

Tax: \$21.42

Shipping: \$25.00

Labor: \$1,400.00

IHVAC Technician/14 hours/\$100.00 rate = \$1,400.00

Total : \$1,874.82

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

Respectfully submitted: Brian Davis/Lindsay Ruby Dated: 03/11/19

This Boiler is a Direct Vent Boiler for
Installations on Non-Combustible Floors Only

Fulton Gas Fired Pulse Combustion Boiler

Type of Gas: Natural Propane

Boiler Model No. PHW-1000

Boiler National Board No. 109874

Year 2010

Min. BTU Input/Hr. 200K Min. BTU Output/Hr. 183K

Max. BTU Input/Hr. 1000K Max. BTU Output/Hr. 906K

Design Pressure 160 PSI

Minimum Relief Valve Capacity: 900 Pounds/Hr.

Manifold Gas Pressure: -5.0 Inches W.C.

Maximum Gas Supply Pressure: 14 Inches W.C.

Minimum Permissible Gas Supply Pressure for Purpose of

Input Adjustment: 7 Inches W.C. 11 Inches W.C.

Electrical Ratings: 120V/60 Hz/Less than 15 Amps

Low Pressure Steam and Hot Water Boiler

ANSI Z21.13 • CSA 4.9

High Pressure Steam Boiler

AGA Requirements 3-89

Wall Thickness Through Which Vent System May

Be Installed: 3 $\frac{1}{4}$ Inches Min. / 20 Inches Max.

Minimum Clearance to Combustibles:

1 Inch (Sides) / 24 Inches (Top, Front & Rear)



Fulton

Manufactured by
Fulton Heating Solutions, Inc.
Pulaski, New York 12142