

Region: 5

Location: MD002

CSS #: 23306

Maximo Work Order No.: 11552

Asset #: 1854

Date Issued: 1/22/2020

Original Description: MD002-04 Unit heater repair. Via FIS during monthly PM. WO#11552

Repairs Needed:

S&S Mechanical will remove and dispose of the old unit heaters. Install two (2) new high density infrared heaters and complete a system check to ensure everything is working properly.

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	Heaters/materials with tax and shipping. See detail in quote	--	--	\$1,665.84	--	\$1,665.84
--	NA	SS Mechanical Labor	24	\$100.00	--	--	\$2,400.00
--	NA	SS Mechanical Diagnostic		\$500.00	--	--	\$500.00
--	NA	TW Oversight and coordination	6	\$80.00	--	--	\$480.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost		Total Cost	CE Factor	Total Estimate
30	\$3,380.00	\$1,665.84		\$5,045.84	100%	\$5,045.84



S&S MECHANICAL

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

Tel. 1 - (301) 574-1555
Fax. 1 - (301) 574-1558
www.sandsmidatlantic.com

CUSTOMER QUOTATION NO. 161

Tidewater, Inc.
Tidewater, Inc
6625 Selnick Dr.
Suite A
Elkridge MD 21075

Quote Name: 11553
Quote No: 161
Site: MD002 Ordnance Road
Site Contact:
Salesperson: Lindsay Ruby
Created Date: 01/21/2020
Valid For: 30 Day(s)

WO#: 11552

CSS Ticket Number: 23114

Problem: MD002-04 Unit heater repair. Via FIS during monthly PM.

S & S proposes to furnish and install the following:
S & S proposes to remove and dispose of the old unit heaters.
S & S proposes to install two new high intensity infrared heaters.
S & S will then complete a system check to ensure everything is working properly.

Service

Item	Quantity	Unit Price	Total
Heaters/ Materials	1.00	\$1,300.80	\$1,300.80
Tax	1.00	\$65.04	\$65.04
Shipping	1.00	\$200.00	\$200.00
Install hardware	1.00	\$100.00	\$100.00
Diagnosis Fee	1	\$500.00	\$500.00
HVAC Labor Rate	24	\$100.00	\$2,400.00
Sub-Total ex Tax			\$4,565.84
Tax			\$0.00
Total inc Tax			\$4,565.84
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Labor			\$2,900.00
Materials			\$1,665.84
Sub-Total ex Tax			\$4,565.84
Tax			\$0.00
Total inc Tax			\$4,565.84

Envirocon Associates, Inc.

8314 Harford Road; Baltimore, Maryland 21234 Phone: 410-663-5900
Manufacturers' Representative Fax: 410-663-8025
WEB Page: <http://www.enviroconassociates.com>

DESCRIPTION OF EQUIPMENT

TO : S and S Mechanical
4845 South Crain Highway
Upper Marlboro, MD 20772
Attn: Brian Davis
DATE : January 21, 2020
PROJECT : Replacement High Intensity Infrared Heaters

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PRICES DO NOT INCLUDE TAXES
TERMS ARE NET 30 DAYS
SUBJECT TO TERMS AND CONDITIONS ATTACHED
PRICES SUBJECT TO CHANGE AFTER 30 DAYS

A. High Intensity infrared Heaters – Superior Radiant Products

(2) Model SD03N as follows:

Natural gas burner – 33 MBH input
Aluminized steel construction
Aluminum reflector
Direct spark ignition
1/2" x 24" flex gas connector
1/2" gas shut off
Transformer for low voltage thermostat
Low voltage digital non-programmable thermostat

Total price F. O. B. factory freight allowed.....**\$1,084.00**

Thank you for the opportunity.

Bill Marano



HIGH INTENSITY INFRARED RADIANT
CERAMIC HEATER

RADIATEUR CÉRAMIQUE À INFRAROUGES
UNVENTED

SANS AÉRATION

For indoor installation only

Installer à l'intérieur seulement

ANSI Z83.19b / CSA 2.35b-2007



Gas Fired products inc. Charlotte, NC
Tel: 1800-438-4936 e-mail info@spaceray.com

MODEL NO.

No. de Modèle

DK30-N5A

SERIAL NO.

No. de Série

611497

ALTITUDE

CODE DATE

32010

GAS TYPE

Type de Gaz

Natural Gas

INPUT Btu/Hr

Consommation Btu / Hr

33000

SUPPLY PRESSURE

Pression de Sortie

MAXIMUM

14" W.C.

MINIMUM

7" W.C.

MANIFOLD PRESSURE

Pression à l'échappement

6" W.C.

ORIFICE SIZE

Dimensions bec Veilleuse

3/32"

RECT SPARK IGNITION

ELECTRICAL:

120V 0.40A 60Hz 1ph

42848000 Rev. H 2/08

- If ignition fails, the heater will shut off and go into safety lockout. To take out of safety lockout, push the reset button. If the heater does not light, shut off the gas and wait 5 minutes before attempting to relight. To shut off the heater, turn the gas control knob to the OFF position.

INSTRUCTIONS D'ALLUMAGE

1. Mettre la valve à gaz sur la position d'arrêt (OFF) pour interrompre le processus d'allumage.
2. Ouvrir une demande de gaz.
3. Si l'allumage ne se fait pas, attendre 5 minutes avant de produire des étincelles. Mettre la valve à gaz sur la position d'arrêt (OFF) pour interrompre le processus d'allumage.
4. Si l'appareil ne s'allume pas, attendre une période de 5 min. avant d'allumer.
5. Pour fermer l'appareil, fermer la valve à gaz.

Installation in:

1. Aircraft hangers must be installed in accordance with the standard for Aircraft Hangars.
2. Pilot's instructions must be followed.