

Region: 5

Location: DE007

CSS #: 16331

Maximo Work Order No.: 6466

Asset #: 1731

Date Issued: 7/17/19

Original Description:

Boiler room requires an Emergency Disconnect per NBIC Part1 Para 3.5.3(b)-Need proposal to install E-STOP for all 3 boilers

Repairs Needed:

Labor and material to install 1 E-Stop at exit for boilers

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	Various Materials, See provided detail	--	--	\$441.93	--	\$441.93
--	NA	Labor	28	\$100.00	--	--	\$2,800.00
--	NA	Diagnostic Fee (From ID Griffith)	--	--	--	--	\$230.00
--	NA	CMI Coordination and Site/Task Oversight	4	\$80.00	--	--	\$320.00

Estimate Summary:

Labor Hours	Labor Cost	Material Cost	Equipment	Total Cost	CE Factor	Total Estimate
32	\$3,350.00	\$441.93	\$0.00	\$3,791.93	106%	\$4,019.45



S&S Mechanical

Location: Newark AFRC

1001 Ogletown Road

Newark, DE 19711

Proposal Submitted to: Adam Colopy

Project: Estop on Boiler 6466

Office # 301-574-1555

Fax # 301-574-1558

seth@sandsmidatlantic.com

sandsmidatlantic.com

S&S hereby proposes to install 1 push to stops on all equipment in boiler system as in accordance with NFPA 79: 2007 and ASME CSD-1.

- S&S will install emergency push buttons at each egress location to allow the building personnel to shut equipment down in case of emergency.
- S&S will install all necessary conduit for push buttons
- S&S will install all wiring and contactors for the control of the 2 boilers in the mechanical room.
- S&S will perform all operational checks and ensure boilers go off and return to service once controls are turned back on.

Labor: = \$2,800.00

2 Technicians /1days/28hrs/ Rate \$100.00 per hour = \$2,800.00

Materials: = \$441.93

20ft Emt/98001002001 = \$9.49

Compression connectors/78456420650/QTY6 = \$1.68

½ Pulling L/01899783105/QTY2 = \$9.78

½ One hole straps/01899700370/QTY4 = \$0.31

Hoffman box/78351042510= \$26.49

Contactors/64158 = \$137.94

Wic thhn wiring/98010022900 = \$71.65

Push buttons/78590184877 = \$150.63

Push contacts/78590188000 = \$33.96

Full Service Total: \$3,241.93

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

Respectfully submitted: Brian Davis/Molly King

Dated: 01/25/2019

CapitalTristate

THE ELECTRICAL DISTRIBUTOR OF CHOICE

CapitalTristate
8511 PEPCO PL
UPPER MARLBORO, MD 20772-2500
301-909-6500 Fax 301-736-1361

nichon.skinner@capitaltristate.com

QUOTE TO:
S&S FABRICATORS INC.
4845 SOUTH CRAIN HWY
UPPER MARLBORO, MD 20772-3109
240-882-1660

SHIP TO:
S&S FABRICATORS INC.
4845 SOUTH CRAIN HWY
UPPER MARLBORO, MD 20772-3109
240-882-1660

Quotation

QUOTE DATE	QUOTE NUMBER
11/14/18	S034803512
PAGE NO.	
1 of 1	

CUSTOMER NUMBER		CUSTOMER ORDER NUMBER		JOB NAME		QUOTED TO	
132423							
SALESPERSON		SHIP VIA		FREIGHT ALLOWED		EXPIRATION DATE	
NICHON SKINNER		PKC KUPP PICK UP		No		11:59pm ET 12/14/18	
ORDER QTY	UPC	DESCRIPTION			UNIT PRICE	U	EXT PRICE
20ft	98001002001	EMT 012E 1/2IN EMT CONDUIT 10FT			39.530	c	7.91
6ea	78456420650	CRS 650S 1/2 STL COMP EMT CONN			23.310	c	1.40
2ea	01899783105	ARL HL5000 1/2 SS EMT/RID ELL			407.250	c	8.15
4ea	01899700370	ARL 370 1/2 1H STL EMT STRAP			6.620	c	0.26
1ea	01899700501	ARL 501 1/2 D/C BUSHED NIPPLE			33.560	c	0.34
1ea	78351042510	HOFF ASG12X12X6NK GALV SC BOX-NO K			22.080	e	22.08
500ft	98010022900	WIC THHN 12 STR BLK 500R			119.410	m	59.71
2ea	78351058010	HOFF E1PB 1H OT PB ENCL			85.580	e	171.16
2ea	78590184877	SQD 9001AB2 PUSHBUTTON +OPTIONS			125.530	e	251.06
2ea	78590188000	SQD 9001KA1 PUSHBUTTON CONTACT 600VAC 10A 30MM			28.300	e	56.60

TERMS & CONDITIONS

This order is subject to Company Terms and Conditions of Sale, which provisions shall govern in the event of any conflict with any Terms or Conditions of Purchaser's proposal, purchase order or other documents. All quotes/bids for Pipe and Wire are good for the date of the bid only. No extension of the pricing of these items is authorized by any employee of the Company without express written consent in the form of an official letter or signed acknowledgement of an Officer of the Company.

TAXES NOT INCLUDED

Subtotal	578.67
S&H CHGS	0.00

Amount Due	578.67
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REXEL

BRANCH: 3348 TOWSON
120-A SPARKS VALLEY ROAD
SPARKS, MD 21152
410-568-4850
Fax

Quotation

QUOTE DATE	QUOTE NUMBER	PAGE NO.
11/13/2018	S123106116	1 of 1
CUST PO#:	MD206444	
JOB/REL#:		

QUOTE TO:

S&S FABRICATORS
4439 INDIGO LN
HARWOOD, MD 20776-9620

SHIP TO:

S&S FABRICATORS
4845 S. CRAIN HWY
UPPER MARLBORO, MD 20772-3109

CUSTOMER NUMBER	CUSTOMER PHONE#	ORDERED BY	SALESPERSON	
27981	301-574-1555	Molly King	MIDAUTO	
WRITER	SHIP VIA	TERMS	SHIP DATE	FREIGHT ALLOWED
Cynthia Adams	ROUTE 504	Pay on Delivery	11/13/2018	No
ORDER QTY	DESCRIPTION		UNIT PRICE	EXT PRICE
1ea	AB 100-C23D400 IEC 23 A CONTACTOR Pn: 64158 UPC: 66207261554 ** in stock **		114.947/EA	114.95

All sales transactions are subject to credit approval. Any quotation and all transactions with Rexel are conditioned upon Rexel's Terms and Conditions of Sale located at <http://www.rexelusa.com/terms>. Quotation is valid for 30 days after the date of issue unless otherwise specified. Items subject to governmental tariffs effective on or after quotation will be price in effect at time of shipment unless otherwise specified. Quotation for commodity items is valid for the day of the quote only unless otherwise specified. All amounts quoted do not include state, local or municipal taxes. Taxes are added at time of sale.

Subtotal	114.95
S&H Charges	35.91
Total	150.86



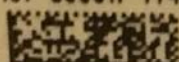
Certified by
Bosch Thermotechnik GmbH

MAWP, water 50 psi
Maximum water temp 200 °F
Minimum relief valve capacity 900 lb/h

#1

Ser.-no. 2530-107-300017-7747014551

Version: 03



Mod GB312 240 Category IV

Input rating max 881 MBtu/h
Output rating 810 MBtu/h
Input rating min 264 MBtu/h
Orifice size nat-gas 17,0mm

Gas supply Pressure 3,5 - 10,5
Electrical Rating 120 V Fuse 5,0 A 60 Hz
Fuel Natural gas

Hot Water Boiler low pressure.

This appliance requires a special venting system.

Refer to installation instructions for parts list and method of installation.

For either direct vent installation or for installation using indoor combustion air.

ANSI ANS Z21.13b-2007
CAN/CSA CSA 4.9b-2007
CRN 7834.7C



Bosch Thermotechnik GmbH

D-35573 Wetzlar GERMANY

Low NOx CERTIFIED

This product complies with SCAQMD Natural Gas NOx Rule 1146.2 (NOx less than 20 Ng/J or 30 ppm at 3% O2; dry and also NOx less than 14 Ng/J or 20 ppm at 3% O2; dry) when installed and operated according to the Bosch Thermotechnik installation & Owner's Manual.

7747014551

HIGH LEG ON B PHASE
MAIN DISCONNECT

FPE FEDERAL
PACIFIC



ON

HIGH LEG ON B PHASE

OFF

DISCONNECT SWITCH
1500 AMP 3-POLE 480V AC
FPE FEDERAL PACIFIC
MADE IN U.S.A.

