



# S&S MECHANICAL

S&S Mechanical

Location: MAUS- Warfield USARC  
1850 Baltimore Road  
Rockville, MD 20851

Proposal Submitted to: Richard Hicks

Project: WO-6442 Estops on Boilers 1-4

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S&S gathered information to diagnose installing Estops for boilers:

**Diagnostic Labor: \$250.00**

1 Technician/2.5hours/ Rate \$100.00 per hour = \$250.00

**Diagnostic Total: \$250.00**

S&S hereby purposes to return to install Estops for Boilers 1, 2, 3, and 4:

S&S hereby proposes to install 2 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 (2) 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 breakers for the control of the 4 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: \$1,800.00**

2 Technicians/18hrs/\$100.00 per hour = \$1,800.00

**Materials: = \$876.99**

20A Breaker/BAB1020 /qty3 = \$108.50

30A Breaker/BAB2030 = \$75.40

1/2" EMT/98001002001 = \$28.46

1/2" Pulling L/01899783105 = \$4.88

1/2" nipple/01899700501 = \$0.40

WIC THHN/98010022900 = \$71.65

1/2" Straps/01899700370/QTY10 = \$7.30

Hoffman Box/78351058010 = \$205.39

1/2 "steel compression coupling/7845640660 = \$2.35

1/2" steel connector/78456420650/= \$3.48

Push buttons/78590184877/QTY 2 = \$301.26

Push contacts/78590188000/OTY 2 = \$67.92

**Estimated total: \$2,676.99**

**Full Service Total: \$2,926.99**

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

Respectfully submitted: Brian Davis/Molly King

Dated: 11/15/2018