

To: Kerry Putnam
Transylvania County Schools
RE: Boiler Replacements – Brevard Middle School
6/13/2024

From: Superior Mechanical Services 607 Industrial Ave. Greensboro, NC 27406 NC Mechanical License Number 18629

Our Base Price Scope is as follows:

- Provide and install two (2) new Lochinvar Crest Condensing Boilers Model FBN2001 to replace existing
- New Boilers are to include the following:
   Natural Gas Fired, 2,000,000 BTU/HR Input, 1,924,000 BTU/HR Output, 96.2% Efficiency
   25:1 Turndown, ASME Stainless Steel Heat Exchanger, 316L Stainless Steel Fire Tubes
   ASME Relief Valve
  - Condensate Neutralizer Kit for each Boiler, New Gas Regulator for Each Boiler
- Remove and dispose of existing Boilers
- · Connect to existing Electrical
- Connect to existing Hot Water and Gas Piping
- Run all new Exhaust Flue for each Boiler through the Roof and terminate properly, material is to be AL-294C Stainless Steel
- Run all new Air Intake Piping to both Boilers
- Run new Condensate Drain Piping from Boilers through Neutralizers to Sanitary Drain
- Insulate all new Hot Water Piping
- Start Up and Checkout of new Boilers shall be performed by Certified Technician
- Secure Permits and Inspections as required, including local and NCDOL
- Demo existing Controls, Provide Controls wiring and integration for both new Boilers, including BACnet connection to existing JACE.
- Integrate the Two New Boilers to Transylvania County Schools BAS
- Provide and Install new Emergency Stop in order to meet Code

## **EXCLUSIONS**

- Pump, Air Separators or any Hydronic Specialties not Mentioned in Proposal
- Test and Balance
- Overtime All work is to be done during normal hours, which are Mon-Thur from 7am until
   5:30pm

LUMP SUM BASE PRICE \$205,000
Two Hundred and Five Thousand Dollars

