



AUGUST WINTER & SONS, INC.
MECHANICAL CONTRACTOR & FABRICATOR

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DATE: July 15, 2016

TO: Manawa School District
Attn: Dan Wolfgram

RE: High School: HVAC Repairs Found During Recommissioning Process

Cab Heater #3 Fan Motor Replacement

With reference to the above, we offer the following proposal for your consideration:

- Shutdown existing cabinet unit heater #3
- Disconnect and remove (1) existing, defective fan motor
- Furnish and install (1) new, replacement fan motor
- Start up the system and verify proper operation
- Clean up and remove AWS debris from jobsite

Replace Defective Hot Water Heating Valves

With reference to the above, we offer the following proposal for your consideration:

- Disconnect and remove (7) existing, defective hot water heating valves
- Furnish and install (7) new hot water heating valves
- Program new heating valves into building automation system and verify operation
- Start up the system and verify proper operation
- Clean up and remove AWS debris from jobsite

Replace Supply Fan Motors on (4) VAVs

With reference to the above, we offer the following proposal for your consideration:

- Shutdown (4) existing fan VAVs, FVAVs 1, 2, 3 and 4
- Disconnect and remove (4) existing, defective fan motors
- Furnish and install (4) new, replacement fan motors for VAVs
- Start up the system and verify proper operation
- Clean up and remove AWS debris from jobsite

Replace Pressure Transducers on Hot Water System

With reference to the above, we offer the following proposal for your consideration:

- Disconnect and remove (2) existing, defective pressure transducers
- Furnish and install (2) new, replacement pressure transducers
- Program new pressure transducers into building automation system and verify status
- Start up the system and verify proper operation
- Clean up and remove AWS debris from jobsite

Investigation of VAVs 2 and 3

With reference to the above, we offer the following proposal for your consideration:

- VAV-2 is starved of airflow, we include labor to investigate the cause of the restricted airflow and resolve the issues provided no replacement repairs are required
- VAV-3 has restricted flow rings, we include labor to clean the flow rings of any debris and restrictions
- Start up the system and verify proper operation
- Clean up and remove AWS debris from jobsite

Replace Condensate Drain Pan on Boiler

With reference to the above, we offer the following proposal for your consideration:

- Shutdown (1) existing PK Mach series boiler
- Lift heat exchanger, disconnect and remove existing, corroded drain pan
- Furnish and install (1) new, replacement condensate drain pan
- Reset heat exchanger
- Start up the system and verify proper operation
- Clean up and remove AWS debris from jobsite

We offer the above for the sum of: **\$11,580.00**

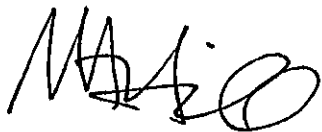
We exclude the following items:

- Asbestos removal
- Sales and use tax
- Overtime

This proposal will be protected for 30 days. It is also subject to the August Winter & Sons Conditions of Proposal, a copy of which is available upon request. This proposal is subject to approval of credit by August Winter & Sons, Inc. credit department. Payments by credit card may incur additional fees.

August Winter & Sons, Inc. is a full service design/build, mechanical contractor providing fabrication and/or installation of specialty items such as piping, plumbing, HVAC systems and custom tanks. We appreciate the opportunity of quoting this work. If you have any questions or further information is required, please feel free to contact us.

Sincerely,
AUGUST WINTER & SONS, INC.



Mark Hill