

Bullitt County Public Schools

1040 Highway 44 East
Shepherdsville, Kentucky 40165

Phone: 502-869-8000
Fax: 502-543-3608
www.bullittschools.org

Memo

To: Mr. Jesse Bacon *JB*

From: Bret Highley

Date: Monday, February 08, 2021

Re: Agenda Item for the February 2021 Board Meeting
Test and Balance Contractor for New 800 Student Elementary School

Attached are two proposals for Test and Balance Services for the new Old Mill Elementary School. This scope of work includes testing and balancing the HVAC, geothermal and domestic water systems. This work is critical for the proper performance of these systems and will be paid out of construction contingency funds.

The following companies submitted a quote:

Thermal Balance: \$28,280
Ebco: \$28,400

JR Epps from CMTA recommends the use of Thermal Balance for the new Old Mill Elementary School project.

Currently there is \$1,375,855.14 in contingency and after this request, if granted, will leave \$1,347,575.14

I recommend the Board approve this recommendation. If you have any questions, please contact me at 502-921-3659.

Attachments:
CMTA Recommendation Letter
Thermal Balance Proposal
Ebco Proposal

Equal Education and Employment Institution

Bret Highley



February 8, 2021

Bullitt County Public Schools
1040 Highway 44 East
Shepherdsville, KY 40165

Attn: Ms. Rock

Re: New 800-Student Elementary School
Mt Washington KY, 40047
BG 20-142

CMTA Project: VBCE19

Two proposals for the Test and Balancing scope of work for the above referenced project was received on February 8th, 2021. Bid amounts are as follows:

Thermal Balance: \$28,280
Ebco: \$28,400

After reviewing both proposals, we recommend acceptance of Thermal Balance's Bid.

Please do not hesitate to contact me if you have any questions or require further information.

SINCERELY,

WM. EPPS, JR., PE, LEED AP

cc: Bret Highley – BCPS
Cate Noble Ward – SKA
Jeremy Lewis – CMTA
Tom Wessling – CMTA



THERMALBALANCE INC.

ThermalBalance.com

Date: February 8, 2021

AABC Certification #89-06-23

TBI Quote #Q135104

This quote is to perform the test and balance services per the *AABC Standards for Field Measurement and Instrumentation, Seventh Edition, 2016*. Any deviations or clarifications are listed below. This quote is valid for 30 days from the date of issuance and shall become an attachment to any contract provided. Unless noted below this price is based on an unoccupied facility and regular working hours. Fees for individually listed services are valid only on acceptance of the TAB contract.

Project: BULLITT COUNTY ELEMENTARY
SCHOOL
MT. WASHINGTON, KY

Total: \$28,280.00

Provided Services:

- | | | | |
|---|--|--|--|
| <input checked="" type="checkbox"/> Air Balance | <input type="checkbox"/> Sound Testing | <input checked="" type="checkbox"/> Cx Team Member | <input type="checkbox"/> System Analysis |
| <input checked="" type="checkbox"/> Water Balance | <input type="checkbox"/> Vibration Testing | <input type="checkbox"/> Pretesting | <input checked="" type="checkbox"/> Domestic Water |

Excluded Services:

1. Any sheaves, belts, balancing or control devices or installations thereof
2. Any lifts or scaffolding, as-builts, cleaning, lubing or uniform space temperature balancing
3. Any return trips for inoperable equipment, deficiencies, troubleshooting, report reviews, or final inspections
4. Any fees associated with subscriptions, memberships or 3rd party requirements

Remarks:

- WE HAVE INCLUDED A LIFT FOR HIGH WORK & 16 HOURS FOR COMMISSIONING ASSISTANCE. IF ANY ADDITIONAL TIME IS NEEDED PLEASE ADVISE.

Prior to any scheduling, a purchase order must be sent to contracts@thermalbalance.com.

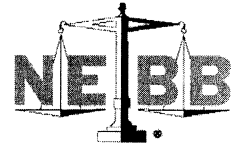
Nicholasville, KY 859.277.6158
Paducah, KY 270.744.9723



ThermalBalance.com

Ashland, KY 606.325.4832
Nashville, TN 615.768.5461





Date: 2/9/2021

To: CMTA, Inc.
William Epps Jr., PE, LEED AP

From: John Hayes

Quotation Number: 2474

Project Name: Bullitt County Public Schools - New 800-Student Elementary School

Golden Wing Road

Mt Washington, KY 40047

DESCRIPTION

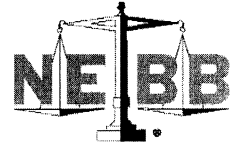
For your consideration, we propose NEBB Certified testing and balancing, as per the mechanical plans and specification section 20 31 00. This proposal is based on the following:

SCOPE OF WORK

NEBB Certified TAB Report	Control Systems Verification	Kitchen Exhaust Hood Balance
Pre-balance Conference	Domestic Hot Water Return Balance	Hydronic System Balance
System Start-up & Commissioning Participation	Air Systems Balance	Geothermal Well System Balance

QUALIFICATIONS

- ♦ All work is based on regular working hours from Monday through Friday, 6:30 am to 5:00 pm.
- ♦ No overtime or shift differential is included in this proposal unless specifically noted.
- ♦ Cost associated with additional mobilizations due to equipment not being ready or equipment which cannot be final tested per plans and specifications will be handled as a change order.
- ♦ The contractor shall provide a controls technician to operate any automated controls and/or furnish the software and onsite instruction on how to operate the system.
- ♦ This quotation is based on all systems being completed and properly started, in normal operating condition and all areas unoccupied at the time of testing.
- ♦ Adjusting and balancing will be made within the limitations of the equipment being tested. All additional material and labor cost associated with the installation or replacement of drives, sheaves, belts, motors, dampers, fuses, etc., required to make equipment and/or devices meet specifications are to be provided outside the scope of this proposal.
- ♦ Installation of clean filters in air handling equipment is not included.
- ♦ Locating / cutting out balancing dampers that are covered or hidden by insulation is not included in this proposal.
- ♦ The cleaning of pipe strainers is not included in this proposal.



TERMS AND CONDITIONS

- ♦ This proposal is valid for sixty days from date shown above.
- ♦ Permits, Bonding, Fees and Sales tax are not included in this proposal.
- ♦ Penalty clauses of any kind will not be effective unless approved in writing by a principal of this firm.
- ♦ Should you choose to accept this proposal, please return a signed copy to our office to be incorporated into the contract as if fully set out.
- ♦ Full payment due no more than (30) days after receipt of final balance report.
- ♦ All qualifications, terms and conditions apply.

EBCO, Inc. provides you with this quotation:

BASE BID\$28,400.00

**We have received and reviewed addenda #1 & #2 for this project.*

Thank you for the opportunity to provide the above quotation for your consideration.

Accepted By:

Date:

Title:

PLEASE SIGN AND RETURN WITH YOUR PURCHASE ORDER TODAY.