



November 14, 2023

Mr. Marty Cline
Hopkins County Schools
320 South Seminary St.
Madisonville, Kentucky 42431

Re: Proposal Recommendation – Testing Adjusting and Balancing & Commissioning
South Hopkins School
Madisonville, Kentucky
Marcum No. 22626

Mr. Cline,

Proposals were received on November 14, 2023 for the South Hopkins School Testing, Adjusting and Balancing as well as proposals for Commissioning. Marcum Engineering has reviewed the proposals and are providing our recommendations along with the proposal tabulation.

Testing Adjusting and Balancing (TAB):

This service provides the testing, adjusting, and balancing of the air and hydronic systems to be installed at the South Hopkins School. The TAB Contractor will provide a representative to take part in the Commissioning of the facility as well as perform duct leakage testing. This service is required to ensure engineered, code required flowrates are met at the facility.

Marcum recommends acceptance of Thermal Balance's proposal in the amount of **\$27,370.00**. See attached Thermal Balance Proposal for further details.

Commissioning:

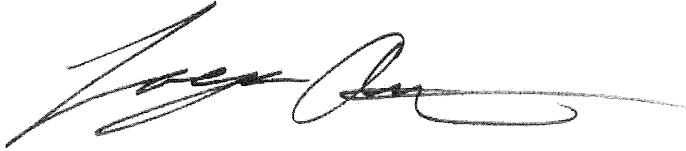
This third-party service is required by Kentucky Building Code for energy efficiency. The Commissioning Authority verifies all HVAC, Plumbing and Lighting systems to ensure proper functionality and to ensure the Owner will get the building performance expected.

Marcum recommends acceptance of Performance Commissioning Agency's proposal in the amount of **\$28,430.00**. See attached Performance Commissioning Agency Proposal for further details.

Hopkins County Schools will need to sign each proposal and return that to each Contractor along with a Purchase Order number. It is imperative that these services be hired direct by the Owner per KDE recommendations.

Feel free to reach out if you have any further questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Logan Overturf", with a long horizontal flourish extending to the right.

Logan Overturf, PE
Project Manager / Mechanical Engineer

Attachments:

TAB and Commissioning Proposal Tabulation: 1-Page
Thermal Balance Proposal dated November 14, 2023: 1-Page
Performance Commissioning Agency Proposal dated November 14, 2023: 4-Pages

Cc: Andrew Owens, SCB Architects
Justin McElfresh, SCB Architects

PROPOSAL TABULATION - TAB AND COMMISSIONING

SOUTH HOPKINS SCHOOL
HOPKINS COUNTY SCHOOLS
MADISONVILLE, KENTUCKY
MARCUM ENGINEERING NO. 22626
11/14/2023

CONTRACTOR	PROPOSAL
TESTING, ADJUSTING AND BALANCING (TAB):	
THERMAL BALANCE, INC.	\$ 27,370.00
SYNERGY TEST AND BALANCE	\$ 28,276.00
COMMISSIONING:	
PERFORMANCE COMMISSIONING AGENCY	\$ 28,430.00



THERMALBALANCE INC.

ThermalBalance.com

Date: November 14, 2023

AABC Certification #89-06-23

TBI Quote #Q139317

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: SOUTH HOPKINS SCHOOL
ADDITIONS
NORTONVILLE, KY

Total: \$27,370.00

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"/> DUCT TESTING |

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
5. Any refrigeration, seasonal or zone temperature testing

Remarks:

- A LIFT AND 40 HOURS FOR DUCT LEAKAGE TESTING ARE INCLUDED IN THIS QUOTE.
- DUCT TESTING RATE - \$115/HOUR

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

