



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:

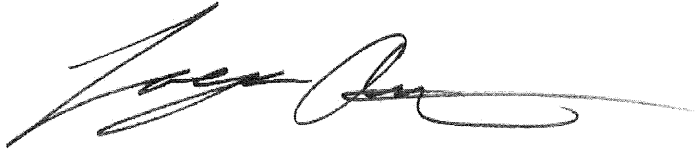
This third-party service is required by Kentucky Building Code for energy efficiency. The Commissioning Authority verifies all HVAC, Plumbing and Lighting systems to ensure proper functionality and to ensure the Owner will get the building performance expected.

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

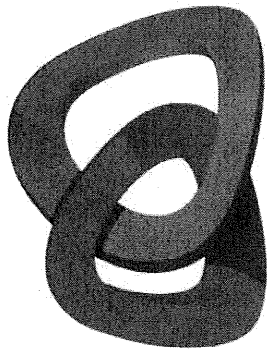
SOUTH HOPKINS SCHOOL
HOPKINS COUNTY SCHOOLS
MADISONVILLE, KENTUCKY
MARCUM ENGINEERING NO. 22626
11/14/2023

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

SOUTH HOPKINS SCHOOL ADDITIONS NORTONVILLE, KY

COMMISSIONING PROPOSAL

PROVIDED BY:



**PERFORMANCE
COMMISSIONING AGENCY**

Partnering in Design Execution

PERFORMANCE COMMISSIONING AGENCY

109 WIND HAVEN DRIVE

SUITE 201

NICHOLASVILLE, KY 40356

P: (859) 277-0191



**PERFORMANCE
COMMISSIONING AGENCY**

Partnering in Design Execution



Project: South Hopkins School Additions

Date: 11/14/2023

Nortonville, KY

Specification: 230800

The amount below is the estimated cost for Performance Commissioning Agency ("PCA") to provide commissioning services per the contract documents. This cost quote is only for the services provided by PCA and does not include any services provided by the owner, architect, engineer, or contractors unless stipulated below.

Commissioning services included:

HVAC Domestic Water Lighting Building Envelope Testing

Total: \$28,430.00

Remarks:

Price includes Commissioning plan, System Verification, functional performance test, And final commissioning report.

Excluded from this quote are the following:

1. Any costs associated with delayed or failed test by any commissioning team member
2. Any costs associated with existing systems deficiencies beyond our control
3. Any costs associated with any commissioning team member's failure to perform their due diligence

If this proposal is accepted, please sign below and return.

Sincerely,

Steve Turner, President, TBT, CXA
sturner@perfcx.com

Signature

Printed Name/Title

This quote is valid for 30 days from the date written above.



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Systems to be commissioned:

- **WSHP's**
- **Dedicated Ventilation Units W/ ERV's**
- **Exhaust Fans**
- **Flush/Fill/Purge**
- **Boilers**
- **Fluid Coolers**
- **Domestic Hot Water**
- **HVAC Controls**
- **Hydrostatic Test**
- **HVLS Fans**
- **Louvers/Vents/Hoods**
- **Kitchen Exhaust Systems**
- **Unit Heaters**
- **Packaged Outdoor Air Units**
- **Ductless HP's**
- **Lighting Controls**

Additional services not included in the scope of work will be billed at \$115.00 per hour.

Once all equipment has been started and balanced, we will then begin functional testing. Functional performance tests will be created



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and carried out based on the design documents. PerfCx will functionally test all equipment above with the aid of the contractors to ensure that all equipment is operating at or as close as possible to design conditions.

Once all testing is complete, we will submit a detailed final report with our findings to the owner and engineer for review.