

Bullitt County Public Schools

1040 Highway 44 East
Shepherdsville, Kentucky 40165

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www.bullittschools.org

TO: Jesse Bacon
FROM: Bret Highley ABH
DATE: December 1, 2020
RE: Fee Proposal – Building Pressure Testing Service
New 800 Student East Elementary School
Package 1; BG 20-142

I am asking the Board's approval to accept the fee proposal as submitted by CMTA to perform a building pressure test for the New 800 Student East Elementary School. This process is a whole building airtightness test to ensure the buildings energy efficiency. The cost of the proposal as submitted by CMTA is \$23,500.00 as listed on the BG-1 for this project.

If you have any questions please call me at 502-921-3659.

ATTACHMENTS:

- CMTA Fee Proposal for Building Pressure Testing Services

Equal Education and Employment Institution

Kevin
Blepton

**Fee Proposal – Building Pressure Testing Services
Bullitt County Schools – New Elementary School
Mt. Washington, Kentucky 40047
(CBCE20-01) – 11/19/20**

November 19, 2020

**Re: Building Pressure Testing Services Proposal
Bullitt County Public Schools
New Elementary School
CMTA Project No.: CBCE20-01**

Dear Mr. Bret Highley,

CMTA is pleased to submit this proposal for providing building pressure testing services for the new elementary school Project in Mt. Washington, KY. Please refer to the scope of services below for our detailed involvement.

Building Pressure Testing Scope:

Building Envelope

Whole Building Airtightness Testing – Building Pressure Testing per ASTM E779 and E1827 Testing Methods Guideline. Testing to be provided, scheduled and coordinated with owner and sub-contractors. CMTA shall provide a certified Building Envelope Commissioning Agent, BECx, and owns and operates the required Orifice Blower Doors.

Testing Plan

- We will provide all necessary equipment (blower door fans) and expertise to induce positive/negative pressure into the facility.
- We will pressurize the building as much as can be achieved with the goal being 75 Pa.
- Since the building will have a functioning HVAC system, we will also utilize a thermal imaging camera to document thermal anomalies that are distinguishable.
- The findings from this test will be documented and included in a final building pressure test report document.

Contractor Items to be Performed Prior to, During, and After Test

- Disable any HVAC ERUs, exhaust fans and outside air intake dampers and louvers to prevent air leakage or confirm the emergency shutoff switch will disable each outside air systems and then re-enable the HVAC systems after the tests if needed.
- Remove one ceiling panel in each conditioned room or in large rooms remove one ceiling panel per 500 SF of ceiling area. Reinstall ceiling panels after testing.
- Install and adjust door hardware and weather stripping on the exterior doors so they will latch closed and seal to prevent air leakage.
- Install blank covers or seal open electrical and data / communication junction boxes in the air barrier system.
- Disable specific door closure arms at the designated exterior doors that the blower door fan system will be installed and reinstall door closure arms after testing.
- Confirm each penetration in the building envelope / air barrier has been sealed.
- Prop all doors to conditioned rooms to a fully open state and close all doors to non-conditioned rooms. Remove all door props after testing.

- Confirm each floor drain, mop sink, sink, lavatory, urinal, shower, and / or water closet plumbing trap has water installed to prevent air leakage during testing.
- Confirm windows and exterior doors are closed and remain closed during the testing.
- Once testing begins NO ONE can enter or exit the facility for approximately 2 hours, depending on test duration.
- Will need access to multiple 20 amp dedicated non GFI circuits, one for each of the fans that will be used during the test.

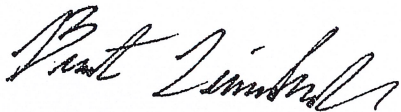
Proposed Fee

For the above scope of work, we request a lump sum fee of **\$23,500**.

Expenses for trips to the site are included in the fee. We will work with you to schedule and prioritize work in an effort to maximize results.

Please contact us if you have any questions or would like to make any modifications to this proposal. Again, thank you for the opportunity.

Sincerely,



Brent Leinenbach
Commissioning Accounts Manager
bleinenbach@cmta.com, 502-216-3668

Owner Representative

Date

