

Facility Commissioning Group

158 Burt Road | Lexington, KY 40503 | Tel. (859) 278-5552

2611 Waterfront Parkway, Suite 340 | Indianapolis, IN 46214 | Tel. (317) 536-2618

March 23, 2023

Ben Hobbs
CMTA, Inc.
220 Lexington Green Circle, Suite 600
Lexington, KY 40503

RE: Marion County Board of Education – New Calvary Elementary School
Commissioning Scope of Work Fee Proposal

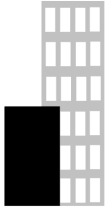
Mr. Hobbs,

FCG has prepared a scope of work to provide a commissioning fee proposal for this project. We reviewed the commissioning scope of work included in project specification 230800, 260800, the drawings dated 2/16/2023, and addendums 1, 2, and 3. The systems to be commissioned are HVAC, HVAC Controls, Domestic Hot Water, and Lighting Controls.

The scope of this project involves new construction of a single story elementary school with academic, office, and support spaces, which encompasses approximately 46,200 SF. The current intended project construction schedule estimates December 2024 for substantial completion.

This commissioning fee proposal is based on the following:

- The HVAC system for the project consists of approximately one (1) Geothermal Wellfield, two (2) Hydronic Pumps, one (1) Dedicated Outdoor Air Unit with DX Cooling System, thirty-eight (38) Water Source Heat Pumps, twenty-five (25) Variable Air Volume Boxes, two (2) Constant Air Volume Boxes, one (1) Storm Shelter Ventilation System, four (4) Electric Unit Heaters, and three (3) Split Systems.
- The Lighting Control system for the project consists of approximately 75 Rooms.
- The Domestic Hot Water System central equipment consists of approximately four (4) Water Heaters, and two (2) Recirculation Pumps.
- We anticipate Functional Performance Tests for 100% of equipment.
- FCG has included meeting time for One (1) Commissioning Kickoff Meeting and nine (9) additional meetings.



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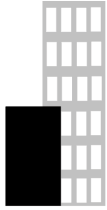
- Below are exclusions to the scope of work included in the project specification 230800. The specification section tasks indicated for commissioning agent (CA) responsibility are not in conformance with ASHRAE Standard 202: Commissioning Process and are not required by the current KY energy code, IECC 2012 section C408.
 - Section 1.3.B.1.L and 3.2.B: CA shall conduct independent startup.
 - Section 1.4.1: CA will approve the TAB site technician for this job.
 - Section 1.4.7: CA shall verify TAB airflow readings using his own equipment.
 - Section 3.2.C.1: CA shall develop detailed startup testing plans for scheduled equipment.
 - Section 3.2.E: CA shall be present for contractor required startup and checkout.
 - Section 3.5.A and 3.5.B.2-3: CA shall submit a non-compliance report or approval form to the contractor.
 - Section 3.5.C.3: CA shall recommend acceptance of proposed solution to functional testing.

Please contact us with any questions or comments about this proposal or the commissioning process.

Sincerely,

FACILITY COMMISSIONING GROUP, INC.

V. Todd Yates, PE
President



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Marion County Board of Education New Calvary Elementary School Lebanon, KY

Commissioning Fee Breakdown

Base Bid

HVAC Commissioning Cost:	\$34,600.00
Lighting Controls Commissioning Cost:	\$6,390.00
Domestic Hot Water Commissioning Cost:	\$2,175.00
TOTAL Base Bid Commissioning Cost:	\$43,165.00

Alternate No. 1 Add-On

HVAC Commissioning Cost:	\$1,675.00
Lighting Controls Commissioning Cost:	\$500.00
Domestic Hot Water Commissioning Cost:	\$0.00
TOTAL Alternate No. 1 Add-On Commissioning Cost:	\$2,175.00

THIS PROPOSAL IS ACCEPTED:

BY:

TITLE:

DATE:

PRINTED NAME:

ORGANIZATION NAME: