



FLOYD COUNTY BOARD OF EDUCATION  
Stephen A. Trimble, Interim Superintendent  
106 North Front Avenue  
Prestonsburg, Kentucky 41653  
Telephone (606) 886-2354 Fax (606) 886-4550  
www.floyd.kyschools.us

Sherry Robinson- Chair - District 5  
Dr. Chandra Varia, Vice-Chair - District 2  
Linda C. Gearheart, Member - District 1  
William Newsome, Jr., Member - District 3  
Rhonda Meade, Member - District 4

**Consent Agenda Item (Action Item):** Consider/Approve Recommendation of CMTA to approve payment to A & H Balance Company for performing the testing and balancing on the HVAC System at Floyd Central High School (BG# 14-246).

**Applicable Statute or Regulation:** Chapter 01 (01.11) General Powers and Duties of the board.

**Fiscal/Budgetary Impact:** Cost of the service is \$19,715.00.

**History/Background:**

November 21, 2017

- Recommendation from CMTA for payment to A&H Balance Company, Inc for performing the service. See attached email.

**Recommended Action:** To approve as presented.

**Contact Person(s):** Gregory Adams/606-874-9569

  
Director

  
Superintendent

**Date:** December 18, 2017

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## Adams, Greg - (Director of Facilities)

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**From:** Kevin Cheek <kcheek@scbarchitects.com>  
**Sent:** Tuesday, November 21, 2017 12:56 PM  
**To:** Adams, Greg - (Director of Facilities)  
**Subject:** Fwd: Floyd High Test and balance quotes  
**Attachments:** Floyd test and Balance.pdf; ATT00001.htm; Floyd Central Invoice.pdf; ATT00002.htm

Please see below

Thank you and have a great day,

Kevin G. Cheek  
CEFPI, AAIA, ICC, CSI, CAAK  
Sherman Carter Barnhart Architects  
2405 Harrodsburg Rd.  
Lexington, KY 40504  
(859) 224-1351Work  
(859) 229-0915Cell



Begin forwarded message:

**From:** "Devin G. Cheek" <DevinC@cmtaegrs.com>  
**Date:** November 21, 2017 at 8:34:19 AM EST  
**To:** Kevin Cheek <kcheek@scbarchitects.com>  
**Subject:** FW: Floyd High Test and balance quotes

Attached are the original three proposals we got for test and balance at Floyd Central. We recommend approving payment to the low bidder, A & H. I've attached their invoice here as well. If you need anything else at all just let me know and I'll be happy to help.

Devin Cheek PE, LEED AP BD+C,  
CMTA Inc.  
Kentucky | Texas | Indiana | Ohio | DC

Lexington Office  
2429 Members Way  
Lexington, Ky 40503  
(859)253-0892  
www.cmtaegrs.com  
Follow us on Facebook, Twitter and LinkedIn  
Subject: FW: Floyd High Test and balance quotes

**Donny Crayne, P.E. LEED AP**  
CMTA Consulting Engineers  
Kentucky | Texas | Indiana | Ohio | DC  
**Lexington Office**  
2429 Members Way  
Lexington, Kentucky 40504  
O 859-253-0892  
M 859-321-2334  
[www.cmtaegr.com](http://www.cmtaegr.com)  
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**Subject: Floyd High Test and balance quotes**

Kevin,

I received revised test and balance quotes for Floyd high and they are attached. I had received quotes previously, then sent out a clarifications to be sure all were bidding to the same scope. There is still a wide variation in the pricing with A & H being low. They have performed acceptably on projects with CMTA for years and recommend acceptance.

**Donny Crayne, P.E. LEED AP**  
CMTA Consulting Engineers  
Kentucky | Texas | Indiana | Ohio  
**Lexington Office**  
2429 Members Way  
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# A&H BALANCE COMPANY, INC.

## INVOICE

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**CUSTOMER :**

Floyd County Board of Education

Invoice # :

1932

Date :

11/16/2017

P.O.#/Contract #

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**DESCRIPTION :**

Floyd Central High School  
Air & Water Balance

Total Invoice : \$ 19,715

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ALL ACCOUNTS DUE UPON RECEIPT. A SERVICE CHARGE OF 1.5% PER MONTH WILL BE  
ADDED TO ALL ACCOUNTS PAYABLE.

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Please Return Payment To:  
A&H Balance Company, Inc.  
Post Office Box 21768  
Lexington, Ky. 40522-1768

# A&H BALANCE COMPANY, INC.

NEBB CERTIFIED: Certification # 3268

## PROPOSAL

DATE : 12/18/2015

TO: Donny Crane CMTA

PROJECT: Floyd Central High School

All work is to be done in strict accordance with the design drawings and specifications.  
All the labor, certified calibrated instruments, and any necessary insurance certificates are to  
be furnished by the company. Workmen's Compensation Certificates will also be furnished

Air Balance:	X
Water Balance:	X
Duct Testing:	X
Commissioning Assist.:	X
Lifts, Ladders , Etc.	X
Geo. Field Balance:	X
Kitchen Hood Balance:	X
Dometic Water Balance:	X
Hydrostatic Balance:	Not included
Sound & Vib. :	Not included

Base Bid: \$19,715.00

Not included in this quotation: Any necessary changes in sheaves (pulleys) and or belts,  
or the addition of any necessary dampers for correct air balance.

Note: Any return trips due to problems with equipment, controls, electrical, sheet metal,  
or installation will result in additional charges.

A&H BALANCE COMPANY, INC.  
P.O.BOX 21768  
Lexington, Ky. 40522-1768  
Phone - 859-272-6992 Fax - 859-272-6733

By: Phil Roark

This proposal is accepted:

By:

Title :

Date :



# Synergy Test and Balance

2811 Waterfront Parkway, Suite 340 | Indianapolis, IN 46214 | Tel. (317) 222-1828

PROJECT: Floyd Central High School DATE: 12/18/2015  
Floyd County Schools BG#14-246  
Prestonsburg, KY  
Specification: 203100 – Testing, Balancing, Lubrication  
and Adjustments

We hereby acknowledge receipt of the following addenda and have made the necessary revisions to our proposal: Addendums 1, 2, 3, and 4. Construction document drawings were dated April 17, 2015.

The amount referenced below reflects our cost to perform Test and Balance (TAB) Services for equipment listed below.

TAB: Base Bid \$29,025.00

Please be advised of the following:

- 1) Synergy Test and Balance performs work as independent, third party owner advocate in accordance with AABC National Standards to accomplish the established scope of work.
- 2) Each contractor must include in their proposal time to perform stipulated tests. The costs associated with other contractor's work are not included in the Synergy Test and Balance fee amount.
- 3) Contractors not adhering to the TAB schedule will assume responsibility for lost time of other participating contractors, consultants, and owner's personnel.
- 4) Retests required due to concealed conditions, design, or installation issues are not included in our base scope of work.
- 5) Lost time or issues related to the requirements noted above will be reported to the project manager in a timely manner following the occurrence.
- 6) Lost time or issues related to the requirements noted above will be reported to the project manager in a timely manner following the occurrence.

Please note our standard hourly rates for services extended beyond the scope of this proposal can be provided upon request.

Thank you for the opportunity to provide a quotation on the above referenced project. Please call if there are any questions: (317) 222-1828 or FAX: (317) 451-8079

NOTE: This quote is firm for thirty (30) days.



# Synergy Test and Balance

2611 Waterfront Parkway, Suite 340 | Indianapolis, IN 46214 | Tel. (317) 222-1828

SYNERGY TEST AND BALANCE

Cheryl Yates, President

**THIS PROPOSAL IS ACCEPTED:**

**BY:**

**TITLE:**

**DATE:**

We hereby acknowledge receipt of the email from Donny Crayne, CMTA Engineers, on December 10, 2015 requesting clarification on the scope of work involved in performing TAB services. Our proposal acknowledges the following as requested in the email:

- Confirm commissioning assistance. Refer to commissioning specifications for scope of work.
- Confirm duct pressure testing. Plan on testing 8 separate sections at different times.
- All lifts, ladders and scaffolding is included
- Geothermal field balancing
- Kitchen hood balance
- Domestic water return balance
- Do not include any pipe hydrostatic testing
- No sound or vibration testing required



# Synergy Test and Balance

2611 Waterfront Parkway, Suite 340 | Indianapolis, IN 46214 | Tel. (317) 222-1828

## Equipment List

- Water Source Heat Pumps and associated GRD's
- VAV Boxes and associated GRD's
- Exhaust Fans
- Outside Air Unit
- Hydronic Pumps
- Kitchen Hood
- Make-up Air Fan
- Exhaust Hood Fan
- Domestic Hot Water Recirculating System
- Geothermal System Balance

## Notes

- +/- 10%
- 4 copies of TAB Report

## Exclusions

- Sound and Vibration Testing
- Sheave changes
- Installation of dampers or valves
- Installation of test ports for hydronic balance





ENVIRONMENTAL BALANCE COMPANY  
2331 FORTUNE DRIVE, SUITE 250  
LEXINGTON, KENTUCKY 40509  
Phone: 859.278.7203 Fax: 859.278.7204  
KEITH@EBCOINC.NET

Date: 12/16/2015

To: CMTA Consulting Engineers

Donny Crayne - dcrayne@cmtaegrs.com

UPDATED ✓



**Proposal For:** Floyd Central High School and Athletic Building

We are pleased to quote you the Test and Balance (TAB) work for the above project. All work is to be done in accordance with the design drawings and specifications (Section 203100). All labor, calibrated instruments, and NEBB certified reports will be furnished, along with any necessary insurance and workmen's compensation certificates.

This project will be completed for the following amount: \$39,275.00

**Included in this proposal:**

Air Balance  
Geothermal Field & Systems Balance  
Duct Air Leakage Testing  
Domestic Water Return Balance  
Kitchen Hood Balance  
Providing Ladders, Lifts & Scaffolding, as needed  
Commissioning Assistance

Note\*: We have received and reviewed addenda #1 thru 4 for this project

**Not included in this proposal:**

Building Envelope Testing  
Any work during non-business hours (M-F 6am to 5 pm)

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In order for this quotation to be valid, it must be signed and returned within 30 days.

This proposal is hereby accepted:

**Purchaser**

Purchase Order Number:

By:

Title:

Date:

# THERMAL BALANCE INC.

Date: December 11, 2015

AABC Certification #89-06-23

TBI Quote #Q125556

This quote is to perform the test and balance services per the *AABC Standards for Field Measurement and Instrumentation, Sixth Edition, 2002*. 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.

Project: FLOYD CENTRAL HIGH SCHOOL  
PRESTONSBURG, KY

Total: \$93,120.00

## Included Services:

- |   |  |
|---|--|
| <input checked="" type="checkbox"/> Air Balance               | <input type="checkbox"/> Pretesting                    |
| <input checked="" type="checkbox"/> Water Balance             | <input type="checkbox"/> System Analysis               |
| <input checked="" type="checkbox"/> Sound Testing             | <input checked="" type="checkbox"/> Duct Testing       |
| <input type="checkbox"/> Vibration Testing                    | <input checked="" type="checkbox"/> Well Field Testing |
| <input type="checkbox"/> Air Changes/Hour                     | <input type="checkbox"/> Air Survey                    |
| <input checked="" type="checkbox"/> Commissioning Team Member | <input checked="" type="checkbox"/> Domestic Water     |

## Excluded Services:

1. Any sheaves, belts, balancing devices or installations
2. Any scaffolding ☒
3. Any as-builts, cleaning, lubing or uniform space temperature balance
4. Any return trips for inoperable equipment or encountered deficiencies
5. Hardware and/or software for DDC and/or electronic control systems
6. Any pipe or hydrostatic testing
7. Any lubing or equipment startups

### Remarks:

- IN SPECIFICATION 230800 PAGE 3, I- STATES THAT THE COMMISSIONING AGENT SHALL PREPARE THE SPECIFIC FUNCTIONAL TEST PROCEDURES. SINCE THIS WILL NOT BE DONE UNTIL AFTER OUR BID OUR PRICE COULD CHANGE DEPENDING ON THE TIME REQUIRED TO PERFORM THESE TESTS. OUR BID INCLUDES AN ESTIMATE AT THIS TIME.
- PRE-FUNCTIONAL TESTING IS NOT INCLUDED IN THIS QUOTATION
- KITCHEN EQUIPMENT IS INCLUDED TO BE TESTED.

Nicholasville, KY 859.277.6158  
Paducah, KY 270.744.9723



ThermalBalance.com

Ashland, KY 606.325.4832  
Nashville, TN 615.768.5461

