

REQUEST FOR PROPOSAL

UPPER DUBLIN TOWNSHIP
PUBLIC WORKS RENOVATION – PHASE II
COMMISSIONING VERIFICATION AUTHORITY
AND
TESTING-ADJUSTING-BALANCING SERVICES

Submitted By:

Butler Balancing Co., Inc.
Contact: David Miller, Vice President
dmiller@butlerbalancing.com
Cell: 610-389-2092

AABC

REQUEST FOR PROPOSAL FORM

**UPPER DUBLIN TOWNSHIP
PUBLIC WORKS RENOVATION – PHASE II**

**COMMISSIONING VERIFICATION AUTHORITY
AND
TESTING-ADJUSTING-BALANCING SERVICES
DEI PROJECT NO. 711005**

MAY 2023

Butler Balancing Co., Inc.

Name of Firm

David Miller

Contact Person

1657 Bondsville Road

Street Address

Downingtown, Pa 19335

City, State, Zip Code

May 18, 2023

Date

This Proposal is submitted to the Upper Dublin Township in accordance with your “Request for Proposal for Commissioning Verification Authority and Testing Adjusting Balancing Services.”

The undersigned Firm:

1. Proposes to furnish said services as listed in the Request for Proposal for the lump sum fee in the Firm’s submitted Proposal.
2. Has examined the site and locality where the Work is to be performed and made such independent investigations necessary to address conditions affecting cost, progress, and performance of the Work.

Person(s) to be contacted should clarification of any part of this Proposal be necessary:

David Miller, Vice President

Name (Print or Type)

610-873-6905 ext.2 Cell: 610-389-2092

Telephone

dmiller@butlerbalancing.com

E-Mail

David Miller

Signature

FEE PROPOSAL FOR COMMISSIONING VERIFICATION AUTHORITY AND TESTING-ADJUSTING-BALANCING SERVICES

This Proposal is submitted in accordance with the Scope for the Commissioning Verification Authority and Testing-Adjusting-Balancing Services for the Public Works Renovation – Phase II.

The total lump sum fee to provide Commissioning Verification Authority and Testing-Adjusting-Balancing Services is:

\$ 9,600.00 Nine Thousand Six hundred dollars and 00/100 cents.

For all work and for the total cost listed above, monthly invoices will be forwarded based on the following hourly rates (attach additional rate schedules as necessary):

<u>Personnel</u>	<u>Hourly Rate</u>
<u>TAB Technician</u>	<u>\$150.00</u>
_____	_____
_____	_____
_____	_____

Additional Scope or Modifications recommended (Provide breakdown of fee and scope for each item)

SCOPE ITEM	FEE
1. <u>TAB & CVA: Air & Water Balancing, Duct Leakage Testing</u>	\$ <u>9,600.00</u>
2. _____	\$ _____
3. _____	\$ _____
TOTAL	\$ _____

Exclusions

The following is our list of exclusions that our proposal does not include:

Commissioning / Commissioning Verification of the following Items:

- General Systems: Window Shades
- Architectural: Building Envelope
- Electrical Systems:
 - Generator & Emergency Power System
 - Fire Detection & Alarm System
 - Media Distribution Network System
 - Structured Voice & Data Cabling System
- Providing additional Belts, Pulleys, Sheaves, Dampers or valves as needed for proper testing and balancing (mechanical installer should own)
- The ATC contractor will be needed to assist and participate with TAB Contractor to support TAB scope of work and our bid does not include the cost for their services.

AABC

TAB Project Approach

- 1) After award of TAB contract meet with owners rep, construction manager, Design team (MEP) design rep, Mechanical installer rep, ATC rep & Commissioning Team to discuss the project schedule and roles / responsibilities that need to take place during the TAB/ CVA process.
- 2) Perform a design review of the contract documents to assure balancing devices are shown to be installed in the proper location in order to balance the Hvac systems properly, this shall also include the review of all approved equipment submittals and shop drawings.
- 3) During the course of the HVAC installation work attend periodic job meetings to stay in touch with the project schedule this will also include specific job site inspections to report on any deficiencies we may come across during construction.
- 4) Attend progress and Commissioning meetings as required
- 5) 30 days prior to the start of onsite TAB work request a meeting to discuss TAB process, procedures and schedule.
- 6) Once TAB work has begun we will report daily to the owner's rep of any deficiencies we have come across along with corrective actions for these items, we will also provide a daily log of what work was completed.
- 7) Once TAB work is complete coordinate with Commissioning Authority to complete the TAB Verification & CVA portion of the commissioning work.
- 8) After all TAB and Commissioning Verification work is complete meet with the owner's rep, design team and commissioning team to review the final TAB report and any possible outstanding punch list items.

Professional References

1. Gipe Associates, Inc. Consulting Engineers
Contact: David Hoffman, Senior Vice President
☎ 410-832-2420
✉ dhoffman@gipe.net
2. Downingtown Area School District
Contact: Dale Lauver, Director of Facilities & Supervisor of Building Services
☎ 610-269-8460 ext: 6224
✉ dlauver@dasd.org
3. Appoquinimink School District
Contact: Mr. Andy Walton, Buildings & Facilities Supervisor
☎ 302-376-4285
✉ andy.walton@appo.k12.de.us
4. EDIS Company, Construction Managers
Contact: Chris McCone, Senior Project Manager
☎ 302-421-5700
✉ cmccone@ediscompany.com
5. D'Huy Engineering, Inc.
Contact: zach Zazo, Senior Project Manager
☎ 484-357-3978
✉ zsz@dhuy.com

TAB Firm Experience (small sample)

Project Name: Construction of the New Dover High School (largest HS built in the State of DE)

Project Location: Dover, De

Owner: Capital School District

Job Description: TAB Services

Systems balanced and/or commissioned: Geothermal loop with WSHP's, Energy recovery Systems, variable volume Units, return fans, exhaust systems, fume hoods, make up air systems, pumps, & unit coils. In addition to air & water balancing, we performed duct leakage pressure testing, atc verification, dirty filter testing, Commissioning verification & opposite season testing.

Mechanical contractor: Worth & Co

Building Square Footage: unknown

Total Construction Cost: unknown

TAB Fee: \$115,000.00

Owner Rep. Contact Person: *Kevin Lucas, Senior Project Manager, EDIS Company*
klucas@ediscompany.com

Project Name: New Construction of Whitehall Elementary School

Project Location: Middletown, Delaware

Owner: Appoquinimink School District

Job Description: Air & Water Balancing

Systems balanced and/or commissioned: 4 Pipe Fan Coil Units, variable volume Units, return fans, exhaust systems, fume hoods, make up air systems, pumps, chillers, boilers, cooling tower, & unit coils. In addition to air & water balancing, we performed atc verification.

Construction Manager: EDIS Company

Building Square Footage: unknown

Total Construction Cost: unknown

TAB Fee: \$45,000.00

Contact Person: Mark Grunza, Senior Project Manager, 302-383-5154 mgrunza@ediscompany.com

Project Name: New Construction of the Downingtown 6th Grade Center

Project Location: Downingtown, Pa

Owner: Downingtown Area School District

Job Description: TAB Services

Systems balanced and/or commissioned: Rtu's, Ahu's, Energy Recovery Systems, variable volume Units, return fans, exhaust systems, fume hoods, make up air systems, pumps, & unit coils. In addition to air & water balancing, we performed duct leakage pressure testing

Mechanical contractor: Worth & Co

Building Square Footage: unknown

Total Construction Cost: unknown

TAB Fee: \$36,000.00

Owner Rep. Contact Person: *Dale Lauver, Director of Facilities, Planning and Management*
610-269-8460 Ext. 6224 dlauver@dasd.org

Project Name: Delsea Regional School District - Delsea Regional Middle School Renovations

Project Location: Franklinville, NJ

Owner: Delsea Regional School District

Job Description: TAB services

Systems balanced and/or commissioned: Rtu's, Ahu's, Energy Recovery Systems, variable volume Units, return fans, exhaust systems, make up air systems, pumps, & unit coils. In addition to air & water balancing we performed atc verification and commissioning verification

Mechanical contractor: Falasca Mechanical

Building Square Footage: unknown

Total Construction Cost: unknown

TAB Fee: \$45,000.00

Owner Rep. Contact Person: Jeff Riggs @ Greyhawk Construction Managers jriggs@greyhawk.com

Project Name: Penn Delco School District Northley Middle School Additions & Renovations

Project Location: Aston, Pa

Owner: Penn Delco School District

Job Description: TAB Services

Systems balanced and/or commissioned: Geothermal loop with WSHP's, Energy recovery Systems, variable volume Units, return fans, exhaust systems, fume hoods, make up air systems, pumps, & unit coils. In addition to air & water balancing, we performed duct leakage pressure testing, atc verification, dirty filter testing, Commissioning verification & opposite season testing.

Mechanical contractor: Myco Mechanical

Building Square Footage: unknown

Total Construction Cost: unknown

TAB Fee: \$56,000.00

Owner Rep. Contact Person: Brian Datte, Director of Facilities Penn Delco SD BDatte@PDSD.org



Associated Air Balance Council

Annual Membership Certificate

Awarded to

Butler Balancing Company, Inc.

as a member in good standing of the Associated Air Balance Council for the year

2022

This member has met all requirements for membership and is entitled to all rights and privileges of AABC certification. This certificate is renewable on an annual basis and expires December 31, 2022.

Michael S. Kelly, President



Raymond R. Bert, Executive Director



Associated Air Balance Council

Annual Certificate

Awarded to

Donald Butler, TBE

Butler Balancing Company, Inc.

In recognition of his qualifications as a

Certified Test and Balance Engineer

under the rules, regulations, and requirements of the Associated Air Balance Council. The above named is fully authorized to perform total system balance in accordance with the standards as established by the AABC and as a member of the Associated Air Balance Council for the year

2022

*This registration number **91-07-28** is fully recognized by the bylaws and charter of this professional association. Certification is renewable on an annual basis after examination of the agency's record for the preceding year. This certificate expires December 31, 2022.*



Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

Annual Certificate

Awarded to

Paul Thomas, TBE

Butler Balancing Company, Inc.

In recognition of his qualifications as a

Certified Test and Balance Engineer

under the rules, regulations, and requirements of the Associated Air Balance Council. The above named is fully authorized to perform total system balance in accordance with the standards as established by the AABC and as a member of the Associated Air Balance Council for the year

2022

*This registration number **03-07-35** is fully recognized by the bylaws and charter of this professional association. Certification is renewable on an annual basis after examination of the agency's record for the preceding year. This certificate expires December 31, 2022.*



Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Daniel M. Acri

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 119-07-13 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Stephen M. Dunn

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 89-07-08 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Jason M. Morrison

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 116-07-13 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Michael O'Donnell

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 121-07-13 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Tim Redcay

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 36-07-02 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Zachary S. Schafer

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 118-07-13 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Jim J. Schnaitman

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 117-07-13 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Frank T. Sibley

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 135-07-17 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Dylan A. Slifer

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 90-07-08 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Jeff Thompson

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 210-01-09 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Zachary B. Williams

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 136-07-17 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director



Associated Air Balance Council

hereby certifies that

Daniel R. Wood

*has met all requirements and passed the necessary examination
to perform testing and balancing as an AABC*

Certified Test & Balance Technician

under the supervision of a certified test and balance engineer for

Butler Balancing Company, Inc.

*This registration number 137-07-17 is only recognized under the
auspices of the above named AABC member agency. This certificate
expires December 31, 2022 and is renewable on an annual basis.*

Michael S. Kelly, President

Raymond R. Bert, Executive Director