

CONTRACT CHANGE ORDER
OVER \$50,000 OR OVER 10 PERCENT OF THE ORIGINAL CONTRACT SUM
 SCHOOL BOARD OF BREVARD COUNTY, FLORIDA

Agreement on and execution of any Change Order shall constitute a final settlement and a full accord and satisfaction of all matters relating to the change in the work, including all direct costs of whatever nature, and all adjustments to the Contract Schedule.

TO: SCHOOL BOARD OF BREVARD COUNTY, FLORIDA
 FACILITIES PROJECT MANAGEMENT
 2700 JUDGE FRAN JAMIESON WAY
 VIERA, FL 32940-6601

The Owner Authorized the Contractor to make the following change(s) in the Contract dated: November 16, 2021

RE: CHANGE ORDER NUMBER: ONE (1)
 School/Facility Name: Titusville High School
 Project Name: Roof Renewal/Replacement

ARCHITECT/ENGINEER FIRM NAME: PBA Design Group, Inc.
 Address: 2742 Jason Street
 Tampa Florida 33619

CONTRACTOR FIRM NAME: NA
 Address:

The Contract is changed as follows:

The original Contract Sum was:	\$319,120.00
The net change by previously authorized Change Orders:	\$ 0.00
The contract Sum prior to this Change Order was:	\$319,120.00
The Contract Sum will be (<input checked="" type="checkbox"/> increased <input type="checkbox"/> decreased) by this Change Order in the amount of:	\$ 42,510.00
The new Contract Sum including this change Order will be:	\$361,630.00

Date of Substantial Completion: NA
 The Contract Time will be (increaseddecreasedno change) 0 Days.
 The date of Substantial Completion as of the date of this Change Order therefore is: NA

In my considered professional opinion as project ARCHITECT ENGINEER, the prices quoted in this Change Order are both fair and reasonable and in the proper ratio to the cost of the original work.

Signature: *St. Howard Pyrie* Date: 2/6/23
ARCHITECT ENGINEER

Accepted: _____ Date: _____
 CONTRACTOR

Approved: *[Signature]* Date: 2/6/23
 PROJECT MANAGER

[Signature] Date: 2.6.2023
 DIRECTOR OF PLANNING AND PROJECT MANAGEMENT

 SUPERINTENDENT

 BOARD CHAIR

ATTACHMENT TO CONTRACT CHANGE ORDER

School Board of Brevard County, Florida

Re: Change Order Number: ONE (1)

School/Facility Name: Titusville High School

Change Order Summary:

Additional design services for HVAC work on Building 23.



February 6, 2023

Ms. Dawn D. Richer, CPPB, FCPA
Procurement Manager
The School Board of Brevard County, FL
2700 Judge Fran Jamieson Way
Viera, FL 32940

VIA Email

Re: HVAC Additional Services
Titusville High School – Roof Replacement - RFQ #21-345-Q-DR
150 Terrier Trail
Titusville, FL 32780

Dear Ms., Richer:

Chris Gerber requested that PBA Design Group and TLC Engineering Solutions provide a proposal for additional HVAC work on Building 23 at Titusville High School as part of the roof replacement project. We have included TLC’s proposal to us that includes the scope of work and their hourly breakdown, as well as PBA’s fee proposal.

Please let me know if you need any more information and when these additional services are approved.

Phase	Fee Amount \$	Hours	Rate
TLC MEP Additional Services	\$36,880	See Attached	See Attached
PBA Additional Services	\$5,630	See Next Page	See Next Page
Total Not To Exceed	\$42,510	NA	NA

Sincerely,
PBA Design Group, Inc.

Raleigh “Jimmy” Beckham
Vice-President

Enclosure

C: Chris Gerber, Dave Martin, Howard Piper, File

U:\1 PBA Design Group, Inc\1 PBA Proposals\2022\Titusville HS Additional HVAC Services

ARCHITECTURAL (PBA) DETAILED FEES & PROPOSED STAFF

I. **PROJECT:** Titusville HS reroof - add service #1

II. **SCOPE OF WORK:**
Architectural Coordination for additional mechanical and electrical work at building 23.

III. **WORK ORDER COMPENSATION/SCHEDULE**

FIELD SURVEY

POSITION	HOURLY RATE	HOURS	TOTAL
Architect	\$180.00	4	\$720.00
CAD Operator	\$75.00	4	\$300.00
Clerical	\$55.00	2	\$110.00
SUBTOTAL			\$1,130.00

CONSTRUCTION DOCUMENTS (100%CD)

POSITION	HOURLY RATE	HOURS	TOTAL
Architect	\$180.00	8	\$1,440.00
CAD Operator	\$75.00	18	\$1,350.00
Clerical	\$55.00	4	\$220.00
SUBTOTAL			\$3,010.00

CONSTRUCTION ADMINISTRATION

POSITION	HOURLY RATE	HOURS	TOTAL
Architect	\$180.00	6	\$1,080.00
CAD Operator	\$75.00	4	\$300.00
Clerical	\$55.00	2	\$110.00
SUBTOTAL			\$1,490.00

TOTAL FEE PROPOSAL AMOUNT \$5,630.00

IV. **CONSULTANT TEAM MEMBERS**

POSITION	NAME
Architect	Jimmy Beckham, AIA
CAD Designer	Sergio Flores
Clerical	Sherry Newsome



October 7, 2022

Mr. Howard Piper
PBA Design Group
2742 Jason Street
Tampa, FL 33619
813-626-2540
Delivered via email: hpiper@pbadesigngroup.com

**Re: Brevard Public Schools – Reroof Titusville High School
Additional Services Request
TLC Project Number: 522603**

Dear Howard:

As requested, TLC Engineering Solutions, Inc. has developed the following proposal to provide supplemental services for the referenced project.

Additional services are based on the following scope items:

1. ALREADY PERFORMED: Demolition of rooftop HVAC piping at Building #23 and installation of new HVAC piping between Building #16 and Building #20, including branch piping to HVAC equipment serving Building #23.
2. PROPOSED WORK: Proposed scope of work as follows is based on direction given by Brevard Public Schools (BPS) personnel during a site visit on August 11, 2022.
 - a. Selection and replacement of HVAC rooftop equipment at Building #23, including chilled water air handling units (AHU's), rooftop units (RTU's), condensing units (CU's) and exhaust fans (EF's). Existing electrical service to be disconnected and re-connected to new units. Controls to remain in place with a few exceptions such as control damper replacement.
 - b. Addition of rooftop air handling units to serve the locker rooms and ancillary spaces at the Building #23 wings, including structural supports, ductwork, controls, and electrical service.
 - c. Demolition of exterior rooftop ductwork.

TLC is prepared to provide supplemental services as outlined above for a cost-plus max fee of **\$36,880.00**.

All other terms of our original proposal apply unless specifically modified by this proposal.

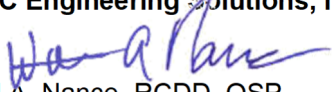
If our proposal is acceptable, please remit appropriate authorization allowing us to proceed. This authorization constitutes your commitment to pay the fee and reimbursable expenses and represents that your firm has received approval from the client.

Please give me a call with any questions or comments.

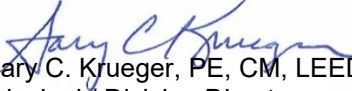
Mr. Howard Piper
October 7, 2022
Page 2 of 2

Sincerely,

TLC Engineering Solutions, Inc.



Bill A. Nance, RCDD, OSP
Senior Associate | Project Manager | Electrical



Gary C. Krueger, PE, CM, LEED AP BD+C
Principal / Division Director

Authorization

Print Name and Title

Date _____

ATTACHMENT C
DETAILED FEES & PROPOSED STAFF
Professional Services Continuing Contract for MEP Engineering 18-Q-051-DR

I. **PROJECT:** Titusville HS reroof - add service #1

II. **SCOPE OF WORK:**

- Replace existing rooftop mechanical equipment, including AHU's, RTU's, condensing units, and fans at Bldg. #23. Disconnect and reconnect electrical service to equipment.
- Add RTU's and interior ductwork to serve locker rooms and other ancillary spaces located in the Bldg. #23 wings. Add structural supports, controls and electrical service for new equipment.
- Demolish existing rooftop ductwork.

III. **WORK ORDER COMPENSATION/SCHEDULE**

FEE PROPOSAL

The statement of fees under this Service Agreement shall be based on the Standard Hourly Rate Schedule for the following work phases:

FIELD SURVEY

POSITION	HOURLY RATE	HOURS	TOTAL
Principal	\$145.00	2	\$290.00
Project Manager / Sr. Engineer	\$135.00	4	\$540.00
Engineer	\$120.00	24	\$2,880.00
EI / Designer	\$90.00	0	\$0.00
Sr. CADD/Technician	\$80.00	0	\$0.00
CADD/Technician	\$65.00	0	\$0.00
Administrative/Clerical	\$55.00	2	\$110.00
SUBTOTAL			\$3,820.00

CONSTRUCTION DOCUMENTS (100%CD)

POSITION	HOURLY RATE	HOURS	TOTAL
Principal	\$145.00	6	\$870.00
Project Manager / Sr. Engineer	\$135.00	24	\$3,240.00
Engineer	\$120.00	120	\$14,400.00
EI / Designer	\$90.00	32	\$2,880.00
Sr. CADD/Technician	\$80.00	24	\$1,920.00
CADD/Technician	\$65.00	24	\$1,560.00
Administrative/Clerical	\$55.00	16	\$880.00
SUBTOTAL			\$25,750.00

CONSTRUCTION ADMINISTRATION

POSITION	HOURLY RATE	HOURS	TOTAL
Principal	\$145.00	4	\$580.00
Project Manager / Sr. Engineer	\$135.00	12	\$1,620.00
Engineer	\$120.00	32	\$3,840.00
EI / Designer	\$90.00	8	\$720.00
Sr. CADD/Technician	\$80.00	0	\$0.00
CADD/Technician	\$65.00	0	\$0.00
Administrative/Clerical	\$55.00	10	\$550.00
SUBTOTAL			\$7,310.00

TOTAL FEE PROPOSAL AMOUNT **\$36,880.00**

IV. **CONSULTANT TEAM MEMBERS**

POSITION	NAME
Principal	Gary Krueger, PE
Project Engineer	Bill Nance
Engineer	Bill Pryse, Chelsea Simpson
Designer	Carrie McNiell, Chase Burkhalter
CADD/Technician	Drake Saenger, Vladimir Leonard
Administrative/Clerical	Danielle Eberhardt; Sylvia Balestraci