WMF
WEBER MURPHY FOX

Addendum Date: January 19, 2018
Bid Due Date: January 26, 2018

BID PACKAGES 3 - 21, Addendum No. 02

to the Plans and Specifications for
Cuyahoga Community College
West Science and IT Labs Addition and Renovation,
C20163108

To the Bidders and Plan holders of Record:

This Addendum modifies and forms a part of the Bid Package 3 -21 BIDDING DOCUMENTS dated November, 2017. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so shall subject the Bidder to disqualification.

A. General Contracting Revisions:

The Bid Date remains unchanged. **Sealed** bids will be accepted at Cuyahoga Community College, District Offices 700 Carnegie Avenue, **until 1:00 pm, on January 26, 2018,** when all Bids will be **opened and read aloud at Jerry Sure Thornton Center, Ford Room at 2:30 pm, January 26, 2018.**

The time period for submitting Requests For Interpretation expired January 18, 2018, and as of January 16, 2018 submission of Proposed Substitutions are no longer being accepted.

Update Pre-Bid Substitution and RFI Response Log is attached to this document. Please review thoroughly. All RFIS or Substitution Requests have been Logged but a few have pending responses.

Addendum 03 to be issued Jan 23, 2018, it will contain changes reflecting RFIs and Substitution Requests.

B. Summary of Addendum 02 Content:

1) AM Higley conducted the Pre-Bid Meeting #02 on Jan 19, 2018, permitting contractors to ask additional questions and make further observations of the existing conditions.
   (1) No questions were posed which would influence the Contract Documents.
   (2) Pre-Bid Walkthrough Sign-In sheet attached.

2) Revised Specification for Mechanical Scopes noted below.

C. Revisions to the Contract Documents are as follows:

GENERAL

Revised 01 01 00 – Summary of Work **(REVISED BID PACKAGE SCOPES OF WORK)**

CIVIL

No changes have been provided.

LANDSCAPE ARCHITECTURE

No changes have been provided.

STRUCTURAL

No changes have been provided.

ARCHITECTURAL

No changes have been provided.

PLUMBING

No changes have been provided.

MECHANICAL

The following has been revised for Mechanical Trades:

SPECIFICATION 23 07 00: HVAC Insulation. Section 2.2.C Add:

- Glycol Piping (heat recovery loop) Fiberglass D.

SPECIFICATION 23 07 00: HVAC Insulation. Section 2.4.B Add:

- Chilled water Buffer Tank Closed-Cell 1”

SPECIFICATION 23 51 00: Flues. Section 2.1.A.7

- Van Packer added to list of manufacturers.

SPECIFICATION 23 09 33: Laboratory Instrumentation and Control. Revise Section 1.3.A:

Tek-Air/ Accutrol as provided by Northrich Company, Phoenix, Inc. as provided by Critical Air, or Price Controls as provided by an authorized installer.

Revise Section 2.2.M to have BACnet based communication Protocol.
Revise Section 2.3.C to have BACnet based communication protocol.

SPECIFICATION 23 80 00: Decentralized HVAC Equipment. Section 2.1.G Add:

INLINE PUMPS

1. Inline type pumps with capacities as indicated. The pump and motor combination shall be selected to be non-overloading over the entire range of the pump curve.

2. Pumps shall be in-line type for installation in vertical or horizontal piping. Pump shall be capable of being serviced without disturbing piping connections.

3. Pump body shall be of Class 30 cast iron, rated 175 psi working pressure, with gauge ports at nozzles, and with vent and drain ports.

4. Impeller shall be non-ferrous material, enclosed type, dynamically balanced, keyed to the shaft and secured by a locking nut.

5. The liquid cavity shall be sealed off at the motor shaft by an internally-flushed mechanical seal with ceramic seal seat, and carbon seal ring, suitable for continuous operation at 225° degrees F. A non-ferrous shaft sleeve shall completely cover the wetted area under the seal.

6. Pump bearing bracket shall have oil lubricated bronze journal and thrust bearings. Bracket shaft shall be alloy steel having ground and hardened thrust bearing faces. A flexible coupling to dampen starting torque and torsional vibrations shall be employed.

7. Motor shall meet NEMA specifications.

8. Each pump shall be factory tested and thoroughly cleaned and painted with at least one coat of high-grade machinery enamel.

9. Manufacturers: American-Marsh, Armstrong, Bell and Gossett, Patterson, Paco, and Taco.

SPECIFICATION 23 80 00: Decentralized HVAC Equipment. Section 2.1.H Add:

Chilled Water Buffer Tank

Provide Buffer tank of capacity and size as scheduled.

Designed and constructed per ASME Code Section VIII, Division 1.

Carbon steel construction with exterior red oxide primer Finish.

Flanged inlet and outlet System Connections.

Manufacturer: Bell & Gossett Model RL or equivalent by Taco, Armstrong, John Wood Co, or Wessels.

ELECTRICAL

No changes have been provided.

TECHNOLOGY

No changes have been provided.

D. Bidder Requests for Interpretations & Substitutions

1) Pre-Bid RFI & Substitution Log (as of Jan 19, 2018) is attached, please read thoroughly changes are noted due to RFIs and approved Substitutions.

2) Not All Questions or Requests have been answered in this Addendum due to detail needed or receipt date. All Questions will be addressed in Addendum 03

END OF ADDENDUM NO. 02

Meeting Attendance Sheet

Tri-C West STEM & IT BP#03-21
C20163108
Cuyahoga Community College West Campus
Walkthrough #2
Friday, January 19, 2018 at 8:00 AM

	NAME	ORGANIZATION	E-MAIL	PHONE
1.	Caryn Werman	Imperial Heating cooling	Caryn@Imperial HVAC.com	216-402-8055
2.	Vince DiIonno	Blink Signs	V.diionno@Blinksigns.com	216)503 2568
3.	MIKE THOMAS	EJS CONSTRUCTION	EJSCONSTRUCT@GMAIL.COM	(216)990-6490
4.	Terry Donelan	American Abatement	aaarc@sbcglobal.Net	216-281-9400
5.	David Pitzo	Imperial Heating	dpitzo@imperialhvac.com	440.773-9072
6.	Bill Nicolay	KOK Specialties	carnut1@zoominternet.net	330 461 4056
7.	Andre Sorell	K&K Specialties	andre.sorell2019@gmail.com	(330)685-7550
8.	~~Pete Gallo~~	~~Vista Color Imaging~~	~~PGALLO@VISTACOLORIMAGING.COM~~	~~216-651-2830~~
9.	Nikki Luna	Avenger Services	NikkiLorenzoLuna@outlook.com	
10.	Arturo Luna	Avenger Services	Avenger Cleaning@GMAIL.com	216-299 0923
11.	Rosa C. Jamilb	Avenger Services.	"	216-857-7132
12.	Jose Melendez	Avenger Services	"	"
13.	PETE GALLO, VISTA COLOR IMAGING		- PGALLO@VISTACOLORIMAGING.COM	216-651-2830
14.				
15.				
16.				
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