

Addendum Date: January 23, 2018  
Bid Due Date: January 26, 2018

## **BID PACKAGES 3 - 21, Addendum No. 03**

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. Summary of 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 and Responded to, some revisions to previous questions have been provided.**

The College has chosen to modify the General Condition 6.4.1 regarding a Non-Working Superintendent. **The following bid packages are to provide a non-working superintendent:**

- Bid Package 3 – Demo & Abatement #1 Building D & F
- Bid Package 4 – Demo & Abatement #2 Building A & B
- Bid Package 6 – Terracotta
- Bid Package 12 – Interiors
- Bid Package 17 – Plumbing
- Bid Package 18 – HVAC
- Bid Package 19 – Electrical

All other bid packages are to determine if a working or non-working superintendent is required to complete your scopes of work. If the bid package contractor falls behind schedule or has scope or quality deficiencies it shall be at the discretion of the CM, Architect, or owner to require a non-working superintendent as described in the General Conditions 6.4.1.

**B.** Summary of Addendum 03 Content:

- (1) **Updated 00 41 16 - BID FORM**, so the contractor may identify Allowance A-9 Technology Equipment Allowance of \$12,000.00.
- (2) **Updated 01 10 00 - SUMMARY of WORK FORM**, to further clarify Scopes of work for specific Bid Packages.
- (3) **Updates to Architectural and Engineering** drawings and specifications.
- (4) **Updated RFI and Substitution Log**, refer to attached document.

**C. Bidder Requests for Interpretations & Substitutions**

- 1) Pre-Bid RFI & Substitution Log (as of Jan 23, 2018) is attached, please read thoroughly changes are noted due to RFIs and approved Substitutions. All Requests for Interpretation or Substitution Requests have been answered in this Addendum.

**D.** Revisions to the Contract Documents are as follows:

**GENERAL**

- Revised 00 41 16 – Bid Form** as described above, refer to attached.  
**Revised 01 01 00 – Summary of Work** as described above, refer to attached.

**CIVIL**

No changes have been provided.

**LANDSCAPE ARCHITECTURE**

No changes have been provided.

**STRUCTURAL**

No changes have been provided.

**ARCHITECTURAL**

**Updated Spec 08 71 00 – Door Hardware** to include the NEW Doors (F002B & F003B) in the Bldg F basement locker rooms as noted in Addendum 01, refer to attached.

**Revised AE603X2 – Door & Frame Schedule Legends & Details**

1. Greater detail of Material, Finish and Fire-rating over several doors. To Curb confusion, the schedule of Existing Doors in Bldg F has been removed as those doors were not being modified. Added doors F002B and F003B, per Addendum 01. Refer to attached.

**Revised AE604X1 – Door Legends and Details**

1. Greater detail of Door and frame types has been enhanced, refer to attached.

**Revised GI101D – BLDG ‘D’ FIRST FLOOR LIFE SAFETY PLAN**

1. Refer to the graphic indications of areas requiring Spray-Applied Fireproofing, refer to attached.

**Revised GI102D – BLDG ‘D’ SECOND FLOOR LIFE SAFETY PLAN**

1. Refer to the graphic indications of areas requiring Spray-Applied Fireproofing, refer to attached.

**PLUMBING**

The following has been revised for Plumbing Trades:

**P404D - Enlarged Penthouse Plumbing Plan**, Revised two floor drains FD-2 located northwest in Penthouse to floor sinks (FS-1) to accept drainage from cooling tower. Refer to HVAC drawings. No sheet attached.

**MECHANICAL**

The following has been revised for Mechanical Trades:

**H002: HVAC SCHEDULES, refer to attached.**

- Changed BC-1 cooling coil from DX with remote condensing unit to chilled water.
- Revised ESP on AHU-1 fans. No change in motor size.

**H003: HVAC SCHEDULES, refer to attached.**

- Revised SAT-1-13 size.
- Revised SAT-1-12 size.
- Reconciled several VAV box flows with diffuser flows.
- Removed CUA-D-3
- Revised EF-6 fan type.

**H102D SECOND FLOOR HVAC PIPING PLAN, refer to attached.**

- Increased Airflow in East Exit Stair

**H103D ROOF HVAC PLAN, refer to attached.**

- Moved EF-6 to 2<sup>nd</sup> floor ceiling, added gooseneck termination.
- Removed CUA-D-3 and associated refrigerant piping.
- Revised Combustion Air Louver Size

**H202D SECOND FLOOR HVAC PIPING PLAN, refer to attached.**

- Added 1 ¼" CWS/R line to serve BC-1
- Increased HW size serving BC-1 to 1"
- Indicated plan location of AHU CD drains shown in detail.

**H503 HVAC ENLARGED PLANS, refer to attached.**

- Revised Combustion Air Louver Size

- Added Location of CT Drain manifold on plan.
- Corrected conflicting Note 1.
- Added model number to Sidestream Filter Note
- Removed cold start bypass.

**H601 HVAC DETAILS, refer to attached.**

- Revised make up water connection to cooling tower
- Removed cold start bypass.

**H602 HVAC DETAILS, refer to attached.**

- Water Cooled Chiller Detail
  - Reflected motorized shutoff valve in controls
  - Removed flow meter

**H702 HVAC CONTROL DIAGRAMS, refer to attached.**

- Revised Control Points list and Sequence of Operations.
- Provided VFDs added to HRP-1,2 control diagram
- Added Freeze-Stat to AHU-2

**H703 HVAC CONTROL DIAGRAMS, refer to attached.**

- Revised AHU-3 Control Points list.
- Revised Heating Hot Water Plant Control Points list.

**H704 HVAC CONTROL DIAGRAMS, refer to attached.**

- Revised Control Points List
- Added CHW differential sensors shown on detail to control diagram.
- Revised reference to Solids Separators to basket strainers.
- Removed redundant temperature sensors.
- Corrected connection point of Sidestream filter to be consistent with detail.

## **ELECTRICAL**

The following has been revised for Electrical Trades:

**E001: ELECTRICAL SYMBOL LEGEND, GENERAL NOTES AND SCHEDULES, refer to attached.**

- Revised Fire Alarm Device Legend – Added Fire Alarm Duct

**EK004: MECHANICAL EQUIPMENT SCHEDULE, refer to attached.**

- Revised Mechanical Equipment Schedule

**EK008: ELECTRICAL PANEL SCHEDULES, refer to attached.**

- Revised panelboard DL1

**EK010: ELECTRICAL PANEL SCHEDULES, refer to attached.**

- Revised panelboard DL2

**EK011: ELECTRICAL PANEL SCHEDULES, refer to attached.**

- Revised panelboard DLMP

**EK012: ELECTRICAL PANEL SCHEDULES, refer to attached.**

- Revised panelboard DOHA
- Revised panelboard DOLA

**EK013: BLDG “D” ONE LINE DIAGRAM, refer to attached.**

- Revised breaker and feeder sizes for HRP-1 and HRP-2

**EP102D: BLDG “D” SECOND FLOOR POWER AND FIRE ALARM PLAN, refer to attached.**

- Removed four duct detectors and related power (fire/smoke dampers changed to fire dampers).

**EP103D: BLDG “D” SECOND FLOOR POWER AND FIRE ALARM PLAN, refer to attached.**

- Added additional circuits to AHU-D-1 and AHU-D-2.
- Deleted CUA-D-3

**EQ112: BLDG “D” ENLARGED FIRST FLOOR PLAN – LABS EAST, refer to attached.**

- Removed four duct detectors and related power (fire/smoke dampers changed to fire dampers).

## TECHNOLOGY

The following has been revised for Technology Trades:

**SPECIFICATION SECTION 28 99 00: CUYAHOGA COMMUNITY COLLEGE PHYSICAL SECURITY SYSTEMS DESIGN ASSISTANCE MANUAL, refer to attached.**

- Specification section added.

**T-202B: BLDG ‘B’ SECOND FLOOR TECHNOLOGY PLAN, refer to attached.**

- Added panic button to Director Office.

**T-202D: BLDG ‘D’ SECOND FLOOR TECHNOLOGY PLAN, refer to attached.**

- Added panic button to Dean IT Office, Associate Dean IT Office, and Associate Dean IT Office STEM.

END OF ADDENDUM NO. 03