

ADDENDUM No. 2
Request for Competitive Sealed Proposals (CSP)
19CSP134 HVAC Services at Austin High School

June 5, 2019

Received by bidder:

Date: _____

Name: _____

Signature: _____

Item 1: Project Revision Items

Item 2: Submission Requirements

Item 1: Project Revision Items

Revision items have been issued and are attached to this addendum. The full revised drawings are available at [Miller IDS](#).

Item 2: Submission Requirements

Please note that AISD now only requires bidders to submit one (1) hard copy marked “original” in addition to the electronic copy provided on a USB drive. The second hard copy marked “copy” is no longer required.

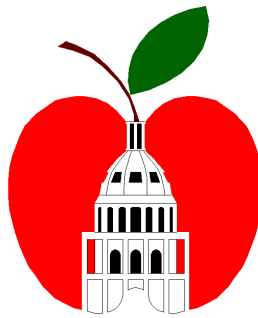
ADDENDUM NO. 2

FOR

**HVAC Improvements at
Austin High School**

AISD PROJECT NO. 19-0041-AUSTN

Prepared for:



AUSTIN INDEPENDENT SCHOOL DISTRICT

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Addendum Date: June 5, 2019

Total Number of Pages (including this sheet): 7

This Addendum forms a part of the Contract and clarifies, corrects or modifies original Contract Documents, dated May 17, 2019. Acknowledge receipt of this addendum in space provided in proposal form. Failure to do so may subject responder to disqualification.

ADDENDUM NO. 2

PART 1 - PROJECT MANUAL / SPECIFICATION REVISION ITEMS

1.01 GENERAL REQUIREMENTS:

A. TECHNICAL SUBMITTALS DUE AT THE TIME OF PROPOSAL RESPONSE

1. Only one (1) paper hard-copy is required for the technical submittals that are due as part of the proposal response.
2. In addition, provide one electronic PDF copy of the technical submittals that are due as part of the proposal response, as noted in the Contract Documents.

B. OVERHEAD UTILITY LINES NEAR COOLING TOWER RENOVATION AREA

1. Please observe the utility overhead lines above the cooling tower area, including, but not limited to, high voltage electric power lines.
2. The Contractor shall exercise extreme caution when conducting work, including operating crane/lifting equipment, near the overhead utility lines as required to create safe working conditions.

1.02 SECTION 012500 “SUBSTITUTION PROCEDURES”

A. Under Article 1.06 “PROCEDURES” Paragraph B, ADD the following sub-paragraphs:

1. Basis of design equipment provides the required/intended performance/features for this Work.
2. Any equipment other than the basis of design equipment shall be subject to the requirements of this Section 012500 “Substitution Procedures”.
3. The Contractor shall be responsible for any impact to schedule, associated costs, etc. at no additional cost to the Owner for non-basis of design equipment.
4. The Contractor shall be responsible, at no additional cost to the Owner, to remedy any features/features of non-basis of design equipment that the Owner and/or Engineer/Architect may not have taken exception to prior to installation and/or operation but then, upon/after installation and/or operation, is revealed to differ from the basis of design equipment.
5. All performance/features of the non-basis of design equipment shall meet or exceed the performance/features of the scheduled basis of design equipment. **NO EXCEPTIONS.**

1.03 SECTION 236514.14 “OPEN-CIRCUIT, INDUCED-DRAFT, CROSSFLOW COOLING TOWERS”

- A. Under Article 2.01 “OPEN-CIRCUIT, INDUCED-DRAFT, CROSSFLOW COOLING TOWERS” Paragraph F-5, **REPLACE** sub-paragraph g with the following:
 - g. Motor Location: Mounted **inside** of the cooling tower casing and cooling tower discharge airstream.
- B. In Article 2.01 “OPEN-CIRCUIT, INDUCED-DRAFT, CROSSFLOW COOLING TOWERS”, in Paragraph F-7, **REPLACE** “over the fan deck and down the air inlet face of the tower” with “over the fan deck and down the air inlet face and casing side of the tower”.
- C. Under Article 2.01 “OPEN-CIRCUIT, INDUCED-DRAFT, CROSSFLOW COOLING TOWERS” Paragraph F-7, **ADD** the following sub-paragraph e:
 - e. The davit crane steel cable shall be a minimum of 40-feet in length and shall have additional length as required to allow the cable to reach the finished adjoining grade at ground level below the cooling tower.
- D. Under Article 3.02 “INSTALLATION”, under Paragraph D, **ADD** the following sub-paragraph 1:
 - 1. For each cell of the cooling tower, do not block with any piping, pipe supports or other elements the pathway area required to transport via the davit crane the cooling tower motor from the adjoining ground finished grade elevation and up to the top of the cooling tower, and back down, as required to replace the motor of each cooling tower cell. Coordinate all grate sizes/locations and structural elements near each cooling tower cell to ensure the pathway is clear and unobstructed upon removal of the grates.

1.04 SECTION 312000 “EARTH MOVING”

In 1.08 “SUBSURFACE INVESTIGATION SERVICES”, **REPLACE** paragraph D with the following:

- D. Subsurface investigation services for all areas that are to be excavated shall include the use of **ground penetrating radar** to identify existing conditions prior to excavation and as required for this Work. **NO EXCEPTIONS**. In addition, where ground penetrating radar is not sufficient/applicable, provide subsurface investigation services that include x-ray, ultrasonic, boring, and/or other mapping techniques for all excavation areas for this Work to uncover existing conditions prior to excavation.

ADD Article 1.09 “GENERAL REQUIREMENTS” and the following paragraphs:

- A. **No work shall occur within the excavation areas from 6 am to 6 pm Monday through Friday** unless specifically allowed by the Owner in writing and such request is coordinated a minimum of four (4) weeks in advance with the Owner. Outside of the above noted time periods, the Contractor shall coordinate a minimum of four (4) weeks in advance with the Owner, including local facility personnel, to determine what times are available to conduct all Work related activities, including, but not limited to, excavation,

trenching, conduit duct bank construction, backfill, asphalt repairs, etc. required for this Work.

- B. Where earthmoving, digging, excavating and/or trenching through a roadway, walkway or other area where pedestrians may walk/access and/or where there is vehicle traffic, **provide temporary high density vehicle traffic rated steel plates over all excavated areas to allow continuous uninterrupted use of the area for vehicles and pedestrians from 6 am to 6 pm Monday through Friday.** Plates shall be installed such that the finished top of each plate is flush to its adjoining finished grade and maintains the original grade/slope and elevation of the area as existed prior to excavation. **NO EXCEPTIONS.**
1. Steel crossing plates shall have hardened threaded weld nuts and engineered lifting devices and designed with a minimum safety factor of 5-to-1. Plates shall be constructed of ASTM-A-36 grade steel, minimum. Plates shall be 1.5-inch minimum thick steel and designed/suitable for to cover high density traffic roadway applications.
- C. The Contractor shall provide appropriate barricades, signage, and other safety elements/precautions as required to comply with all safety requirements, to alert/instruct personnel at the site/facility about the construction/renovation conditions, vehicular routes, and other elements as required to ensure safe conditions for occupants, pedestrians, vehicles, and others on site at all times during this Work.
- D. Allow for up to **six (6) feet** minimum depth of trenching/excavation and additional depths as noted on the Contract Documents for all areas that require excavation/trenching (i.e. for placement of conduit duct banks between the main building and the cooling tower area, etc.) and excavating below existing pipes/conduits as may be required to avoid conflicts with existing underground piping/conduits/conditions.

PROJECT PLANS/SHEETS REVISION ITEMS

1.05 MECHANICAL PLANS

- A. SHEET M-FP-02: **REPLACE** with the attached sheet noted with “6/5/2019 ADDENDUM 2” in the Issues and Revisions portion of the title block.
- B. SHEET M-EL-01: **REPLACE** with the attached sheet noted with “6/5/2019 ADDENDUM 2” in the Issues and Revisions portion of the title block.
- C. SHEET M-PSC-01: **REPLACE** with the attached sheet noted with “6/5/2019 ADDENDUM 2” in the Issues and Revisions portion of the title block.

END OF ADDENDUM