

**ADDENDUM #2**

DATE: April 12, 2019

TO CONTRACT DOCUMENTS ENTITLED:

**INSTALLATION OF CHILLERS IN STUDENT UNION BUILDING  
AND VIOLETTE HALL  
TSU PROJECT NUMBER: SP19-15**

**At Truman State University  
Kirksville, Missouri 63501**

ADVERTISEMENT DATE: Tuesday, April 2, 2019

PREPARED FOR: The Board of Governors of Truman State University

CONSULTANT Ross & Baruzzini, Inc.  
6 South Old Orchard  
St. Louis, Missouri 63119  
314-918-8383

Drawings and Specifications for the above noted project and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect:

**Specifications:**

1. **Section DOCUMENT 004113 – BID FORM – STIPULATED SUM (SINGLE-PRIME CONTRACT)**
  - a. **Refer to attachment AIA Bid Form Supplement – Bid Bond Form (AIA Document A310).**
2. **Section DOCUMENT 004440 – AFFIDAVIT FOR AFFIRMATIVE ACTION:**  
**Replace** Section DOCUMENT 004440 – AFFIDAVIT FOR AFFIRMATIVE ACTION (Page 1) in its entirety with attached section.
3. **Section DOCUMENT 004513 – BIDDER’S QUALIFICATIONS:**
  - a. **Refer to attachment AIA Document A305-1986 Contractor’s Qualification Statement.**
4. **23 07 00 – Mechanical Insulation:**
  - a. **Modify** paragraph 3.11.B as follows: “Chilled Water **and Domestic Cold Water**, above 40°F (5 C):
    - i. NPS 6 (DN 150) and Smaller: Insulation shall be any of the following:  
Flexible Elastomeric: 1½-inches (38 mm) thick.
    - ii. NPS 8 (DN 200) and Larger: Insulation shall be any of the following:  
Flexible Elastomeric Type II: 2-inches (50 mm) thick.”

**5. 23 09 00 – Control Systems:**

a. **Add** paragraph 2.14 as follows:

**1. ULTRASONIC LEVEL TRANSMITTER FOR COOLING TOWER BASIN WATER**

a. **Furnish and install, where indicated on plans, a device for measuring the tower basin water level. The level transmitter shall meet the following specifications:**

- i. **Make:** Flowline
- ii. **Model:** EchoSpan LU83-51-01
- iii. **Range:** 8" to 26.2 feet
- iv. **Accuracy:** 0.2% of span in air
- v. **Resolution:** 0.039"
- vi. **Beam width:** 3"
- vii. **Dead band:** 8"
- viii. **Display type:** 6 digit LCD
- ix. **Display units:** Inch, cm, %
- x. **Memory:** Non-volatile
- xi. **Supply voltage:** 12-28 VDC
- xii. **Loop resistance:** 500 Ohms @ 24 VDC
- xiii. **Signal output:** 4-20 mA two-wire
- xiv. **Signal invert:** 4-20 mA or 20-4 mA
- xv. **Calibration:** Push button
- xvi. **Fail-safety:** Selectable 4 mA, 20 mA, 21 mA, 22 mA, or hold
- xvii. **Process temperature:** -4 oF to 140 oF
- xviii. **Temp. Comp.:** Automatic
- xix. **Electronics temp.:** -40 oF to 160 oF
- xx. **Pressure:** 30 psi @ 25 oC, derated @ 1.667 psi/oC above 25 oC
- xxi. **Enclosure rating:** NEMA 4X (IP65)
- xxii. **Enclosure vent:** Water tight membrane
- xxiii. **Enclosure material:** PC/ABS FR
- xxiv. **Trans. Material:** PVDF
- xxv. **Process mount:** 2" NPT
- xxvi. **Mounting gasket:** Viton
- xxvii. **Conduit entrance:** Dual, ½" NPT
- xxviii. **Classification:** General purpose
- xxix. **CE compliance:** EN 61326 EMC
- xxx. **Level transmitter shall be Flowline EchoSpan LU83-51-01 or equivalent.**

b. **Add** paragraph 2.15 as follows:

**1. AIR TEMPERATURE SENSORS**

a. **Thermal Resistors (Thermistors) Common Requirements: Applicable to all types of thermistors.**

- i. 10,000 ohms at 25°C and a temperature coefficient of 23.5 ohms/ohm/°C.
- ii. Type 2.
- iii. Two-wire, PTFE-insulated, 22-gage stranded copper leads.
- iv. Temperature Range: -50 to +275°F (-46 to +135°C).
- v. Interchangeable Accuracy: At 77°F (25°C) within 0.5°F (0.3°C).
- vi. Repeatability: Within 0.5°F (0.3°C).
- vii. Drift: Within 0.5°F (0.3°C) over 10 years.
- viii. Self-Heating: Negligible.
- ix. Conduit Connection: ½-inch (16-mm) trade size.
- x. Transmitter optional, contingent on compliance with end-to-end control accuracy.
- xi. Equivalent nickel RTDs and/or platinum RTDs meeting or exceeding the applicable performance requirements are also acceptable, but not mandatory, in lieu of thermistors throughout this Section.

**b. Thermistor Outdoor Air Temperature Sensors:**

- i. Probe: Single-point sensor with a stainless-steel sheath.
- ii. Solar Shield: Stainless steel.
- iii. Enclosure: Junction box or combination conduit and outlet box with removable cover and gasket.

**Drawings:**

- 1. **M000:**
  - a. **MODIFY SYMBOS, ABBREVIATIONS AND GENERAL NOTES:** Refer to attachment.
- 2. **M700:**
  - a. **MODIFY SEQUENCE OF OPERATION:** Refer to attachment.
- 3. **M701:**
  - a. **MODIFY STUDENT UNION BUILDING CONTROLS:** Refer to attachment.
- 4. **M702:**
  - a. **MODIFY VIOLETTE CONTROLS:** Refer to attachment.

**Attachments:**

- 1. Specification DOCUMENT 004113 – AIA Bid Form Supplement – Bid Bond Form (AIA Document A310) – (Pages 1-2).
- 2. Specification DOCUMENT 004440 – AFFIDAVIT FOR AFFIRMATIVE ACTION (Page 1).
- 3. Specification DOCUMENT 004513 – AIA Document A305-1986 Contractor’s Qualification Statement. (Pages 1-4).
- 4. **M000 – SYMBOLS, ABBREVIATIONS AND GENERAL NOTES.**
- 5. **M700 – SEQUENCE OF OPEATION**
- 6. **M701 – STUDENT UNION BUILDING CONTROLS**
- 7. **M702 – VIOLETTE CONTROLS.**

END OF ADDENDUM 2

**Bid Bond**

CONTRACTOR:  
*(Name, legal status and address)*



SURETY:  
*(Name, legal status and principal place of business)*



OWNER:  
*(Name, legal status and address)*

Truman State University  
100 East Normal  
Kirksville, Missouri 63501

BOND AMOUNT: \$ « »

PROJECT:  
*(Name, location or address, and Project number, if any)*

Installation of Chillers in Student Union Building and Violette Hall  
Truman State University  
100 East Normal  
Kirksville, Missouri 63501  
SP19-15

**ADDITIONS AND DELETIONS:**  
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.



**ELECTRONIC COPYING** of any portion of this AIA® Document to another electronic file is prohibited and constitutes a violation of copyright laws as set forth in the footer of this document.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this [redacted] day of [redacted],

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
(Witness)

\_\_\_\_\_  
(Contractor as Principal) (Seal)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Surety) (Seal)

\_\_\_\_\_  
(Title)



Date: March 25, 2019  
Bid Documents  
ADDENDUM #1 April 8, 2019

Installation of Chillers in Student Union Building and Violette Hall  
Truman State University  
TSU Project No. SP19-15

**SECTION 004440 - AFFIDAVIT FOR AFFIRMATIVE ACTION**

State of Missouri                    )  
  ) s.s.  
County of \_\_\_\_\_ )

\_\_\_\_\_, having been first being duly sworn on his/her  
oath, states that:

(1) He/she is the \_\_\_\_\_ (owner, sole proprietor,  
partner, or officer) of \_\_\_\_\_, who is the Contractor on the  
\_\_\_\_\_ **Installation of Chillers in student union building and Violette Hall.**  
("Project");

(2) He/she is duly authorized to make this Affidavit on behalf of Contractor;

(3) Less than fifty (50) persons total will be employed to perform the Work on the Project -  
including persons employed directly by Contractor or any subcontractor on the Project.

Subscribed and sworn to before me this \_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Notary Public

My Commission Expires:

End of Section 004440 - Affidavit for Affirmative Action

# DRAFT AIA® Document A305™ - 1986

## Contractor's Qualification Statement

The Undersigned certifies under oath that the information provided herein is true and sufficiently complete so as not to be misleading.

SUBMITTED TO:

ADDRESS:

SUBMITTED BY:

NAME:

ADDRESS:

PRINCIPAL OFFICE:

Corporation

Partnership

Individual

Joint Venture

Other

NAME OF PROJECT: *(if applicable)* Installation of Chillers in Student Union Building and Viollette Hall  
Truman State University  
100 East Normal  
Kirksville, Missouri 63501  
SP19-15

TYPE OF WORK: *(file separate form for each Classification of Work)*

General Construction

HVAC

Electrical

Plumbing

Other: *(Specify)*

### § 1 ORGANIZATION

§ 1.1 How many years has your organization been in business as a Contractor?

§ 1.2 How many years has your organization been in business under its present business name?

§ 1.2.1 Under what other or former names has your organization operated?

**ADDITIONS AND DELETIONS:**  
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

This form is approved and recommended by the American Institute of Architects (AIA) and The Associated General Contractors of America (AGC) for use in evaluating the qualifications of contractors. No endorsement of the submitting party or verification of the information is made by AIA or AGC.



<< >>

§ 1.3 If your organization is a corporation, answer the following:

§ 1.3.1 Date of incorporation: << >>

§ 1.3.2 State of incorporation: << >>

§ 1.3.3 President's name: << >>

§ 1.3.4 Vice-president's name(s)

<< >>

§ 1.3.5 Secretary's name: << >>

§ 1.3.6 Treasurer's name: << >>

§ 1.4 If your organization is a partnership, answer the following:

§ 1.4.1 Date of organization: << >>

§ 1.4.2 Type of partnership (if applicable): << >>

§ 1.4.3 Name(s) of general partner(s)

<< >>

§ 1.5 If your organization is individually owned, answer the following:

§ 1.5.1 Date of organization: << >>

§ 1.5.2 Name of owner:

<< >>

§ 1.6 If the form of your organization is other than those listed above, describe it and name the principals:

<< >>

## § 2 LICENSING

§ 2.1 List jurisdictions and trade categories in which your organization is legally qualified to do business, and indicate registration or license numbers, if applicable.

<< >>

§ 2.2 List jurisdictions in which your organization's partnership or trade name is filed.

<< >>

## § 3 EXPERIENCE

§ 3.1 List the categories of work that your organization normally performs with its own forces.

<< >>

§ 3.2 Claims and Suits. (If the answer to any of the questions below is yes, please attach details.)

§ 3.2.1 Has your organization ever failed to complete any work awarded to it?

<< >>

§ 3.2.2 Are there any judgments, claims, arbitration proceedings or suits pending or outstanding against your organization or its officers?

<< >>

§ 3.2.3 Has your organization filed any law suits or requested arbitration with regard to construction contracts within the last five years?

<< >>

§ 3.3 Within the last five years, has any officer or principal of your organization ever been an officer or principal of another organization when it failed to complete a construction contract? (If the answer is yes, please attach details.)

<< >>

§ 3.4 On a separate sheet, list major construction projects your organization has in progress, giving the name of project, owner, architect, contract amount, percent complete and scheduled completion date.

<< >>

§ 3.4.1 State total worth of work in progress and under contract:

<< >>

§ 3.5 On a separate sheet, list the major projects your organization has completed in the past five years, giving the name of project, owner, architect, contract amount, date of completion and percentage of the cost of the work performed with your own forces.

<< >>

§ 3.5.1 State average annual amount of construction work performed during the past five years:

<< >>

§ 3.6 On a separate sheet, list the construction experience and present commitments of the key individuals of your organization.

<< >>

## § 4 REFERENCES

§ 4.1 Trade References:

<< >>

§ 4.2 Bank References:

<< >>

§ 4.3 Surety:

§ 4.3.1 Name of bonding company:

<< >>

§ 4.3.2 Name and address of agent:

<< >>

## § 5 FINANCING

§ 5.1 Financial Statement.

§ 5.1.1 Attach a financial statement, preferably audited, including your organization's latest balance sheet and income statement showing the following items:

Current Assets (e.g., cash, joint venture accounts, accounts receivable, notes receivable, accrued income, deposits, materials inventory and prepaid expenses);

Net Fixed Assets;

Other Assets;

Current Liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes);

Other Liabilities (e.g., capital, capital stock, authorized and outstanding shares par values, earned surplus and retained earnings).

§ 5.1.2 Name and address of firm preparing attached financial statement, and date thereof:

« »

§ 5.1.3 Is the attached financial statement for the identical organization named on page one?

« »

§ 5.1.4 If not, explain the relationship and financial responsibility of the organization whose financial statement is provided (e.g., parent-subsiary).

« »

§ 5.2 Will the organization whose financial statement is attached act as guarantor of the contract for construction?

« »

## § 6 SIGNATURE

§ 6.1 Dated at this « » day of « » « »

Name of Organization: « »

By: « »

Title: « »

§ 6.2

« »

M « » being duly sworn deposes and says that the information provided herein is true and sufficiently complete so as not to be misleading.

Subscribed and sworn before me this « » day of « » « »

Notary Public: « »

My Commission Expires: « »