January 7, 2020

TO THE PROSPECTIVE BIDDER:

RE: 3226 University Avenue HVAC Replacement
Activity ID: 04-2018-014

We are issuing Addendum No. 1 on the above-referenced project. This Addendum No. 1 modifies, supplements, or replaces information contained in the contract documents. This addendum is hereby made a part of the contract documents.

Each bidder shall acknowledge receipt of each addendum in its proposal in order to have its bid read and considered. Acknowledgment of the receipt of each addendum shall be made by inserting the number of each addendum in the appropriate blank provided for such acknowledgment in the proposal.

The pre-bid meeting roster is included but is not to be considered a part of the addendum.

The original proposal shall be used to bid this project.

The current bidders list is available on our web page: www.dmgov.org/Departments/Engineering/Pages/ProjectBidInformation.aspx

If you have any questions regarding this Addendum No. 1, please contact the Project Manager, Timothy B. Brady at 515-283-4025.

Sincerely,

[Signature]

Steven L. Naber
City Engineer

Attach.
GENERAL

1. **Pre-Bid Meeting** – Attendance Roster and Requested information:
   a. Contact information for Engineer:
      Brian K. Brewer, PE
      515-957-8806 x105
      bbrewer@brewer- engr.com
   b. Separate punch lists will be completed at end of each phase.
   c. SUDAS requirements will be utilized for contract administration.
   d. There are time and noise restrictions due to housing nearby.
   e. Power outages during summer months will require supplemental cooling be provided by the contractor via portable self-contained cooling units.
   f. As-buils have been posted to the City’s website.

SPECIFICATIONS

1. **Section 23 7413** – Packaged Outdoor Air-Handling Units
   a. **DELETE** the following paragraphs to Article 2.01 Manufacturers as follows:
      E. Ruud: www.ruud.com
   b. **REVISE** the following paragraphs to Article 2.10 Operating Controls as follows:
      A. Provide factory installed and programmed unit controller with BACnet IP interface to integration by Temperature Controls Contractor.

DRAWINGS

1. **Drawing MD1.0**: Mech/Elec Demolition Plan:
   a. **REVISE**: Add Tagged Note Y referring to existing meter and main disconnect switch: “COORDINATE DEMO AND UPGRADE OF METER AND MAIN DISCONNECT SWITCH WITH OWNER/USERS AND UTILITY COMPANY.”.

2. **Drawing M1.0**: Mech/Elec Plan:
   a. **REVISE**: Replace sheet entirely with attached sheet M1.0 dated 1/7/2020 showing new 400A/3ph electrical meter, new 400A/3ph service disconnect switch, and new 400A/3ph main distribution panel.

3. **Drawing M1.1**: Mech/Elec Roof Plan:
   a. **REVISE**: Replace sheet entirely with attached sheet M1.1 dated 1/7/2020 showing dimensions of distribution curbs and maximum weight limits for roof equipment.
4. **Drawing M3.0:** Details:
   a. **ADD:** Detail 10 Rooftop Equipment Screening Detail dated 1/7/2020.
   b. **ADD:** Detail 11 Power One-line Detail dated 1/7/2020.

5. **Drawing M4.0:** Schedules:
   a. **REVISE:** Replace Rooftop Unit Schedule with attached dated 1/7/2020 with units meeting City’s minimum efficiency requirements.
   b. **REVISE:** Replace Panel D schedule with attached MDP and Feeder schedule AD-M4.0A dated 1/7/2020 showing updated power requirements for revised equipment.

**END OF ADDENDUM NO. 1**
## ATTENDANCE ROSTER

**PRE-BID MEETING**

**3226 UNIVERSITY AVE HVAC REPLACEMENT**

**ACTIVITY ID 04-2018-014**

**DATE:** January 2, 2020

(PLEASE PRINT)

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<td>Anan Michael</td>
<td>Excel Mechanical</td>
<td>515-283-1450</td>
<td>515-577-3290</td>
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<td>ESCO</td>
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<td>Aircon Electric</td>
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### MDP

**Room**

Volts 208Y/120V 3P 4W  A/C 22,000

**Mounting Flush**

Bus Amps 400  Main Bkr 400

**Fed from DS W**

Neutral 100%  Lugs Standard

**Note**

Service Entrance Rated

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**Total Connected KVA by Phase**

23.5  22.5  23.1

**Total Connected Amps by Phase**

195  187  192

**Feeder Schedule**

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Sizing Method: Copper, 60°C #2 through #1, 75°C 1/0 and above

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**BREWER ENGINEERING CONSULTANTS, PLC**

905 Washington Ave SE - Bondurant, Iowa 50035
515-957-6806 - FAX 515-957-6816 - www.brewer-eng.com

**Proj:** 3226 University HVAC Repair  **SEC No:** 1813

**Desc:** Schedule Revision  **Drawing Reference:** M3.0

**By:** BKB  **DATE:** 1/7/2020

**Drawing Reference:** MD-M.40A
### ROOFTOP UNIT SCHEDULE

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**REMARKS:**
1. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING AND INCLUDING ANY COMPONENTS ASSOCIATED WITH CHANGES TO ELECTRICAL, DESIGN, AND PIPING ARRANGEMENTS OTHER THAN THE DESIGN BASE IS SELECTED FOR CONSTRUCTION.
2. PROVIDE WITH FULL DATA SHEET, SPECIFICATIONS, POWER REQUIREMENT AND PRETYPING INFORMATION.
3. PROVIDE WITH CORRUGATED FACTORY DISCONNECT SWITCH, DCC OUTLET, DOOR DETECTION TERMINAL, CRANK CASE HEATER & LOW AIRFLOW KIT DOWN TO 0 DEGREE F.
4. PROVIDE TERMINAL, STAY INTERMEDIATE VAC CURVE CONFORM TO D OCS CONTRACTOR.
5. CONTRACTOR SHALL CONFORM ALL GAS RATING AND VOLUME REQUIREMENTS PRIOR TO ORDERING EQUIPMENT.
6. PROVIDE UNIT-MOUNTED SMOKE DETECTOR ON SUPPLY AIR DIP TO STOP RV/FAN WHEN SMOKE IS DETECTED.
GENERAL NOTES

1. All work on the site shall be of satisfactory design, materials, workmanship, and finish to the satisfaction of the Owner and his representatives. Failure to fulfill the requirements of this contract shall be grounds for rejection of work.

2. The Contractor is responsible for all required permits and certifications, and all required fees and deposits are due prior to commencement of work.

3. New work is shown diagrammatically. Contractors are responsible for providing all necessary drawings and specifications prior to commencing work.

4. The Owner reserves the right to make changes to the plans and specifications without notice.

5. All work must be done in accordance with the applicable codes and regulations.

6. The Contractor shall be responsible for maintaining the site during the construction period. All work shall be completed to the satisfaction of the Owner and his representatives.

7. The Contractor shall be responsible for the protection of all existing work and infrastructure.

8. All work shall be completed in accordance with the plans and specifications.

9. All work shall be tested and approved by the Owner and his representatives.

10. All materials and equipment shall be of satisfactory quality and shall be approved by the Owner and his representatives.

TAGGED NOTES

1. All equipment and materials shall be listed and approved by the appropriate governing agency.

2. All work shall be done in accordance with the latest edition of the applicable codes and standards.

3. All work shall be done in accordance with the plans and specifications.

4. All work shall be completed in accordance with the schedule.

5. All work shall be tested and approved by the Owner and his representatives.

PHASING REQUIREMENTS

1. All work shall be completed in the proper sequence as shown on the plans.

2. The Contractor shall be responsible for the protection of all existing work and infrastructure.

3. All work shall be completed in accordance with the plans and specifications.

4. All work shall be tested and approved by the Owner and his representatives.

5. All work shall be done in accordance with the latest edition of the applicable codes and standards.