

ADDENDUM NUMBER 1

Date Issued: November 28, 2017

Project: **Balcones Heights Justice Center/ City Hall HVAC Replacement
City of Balcones Heights**

Bid Date: **Thursday, November 30, 2017 at 1:00pm**
Proposals should be mailed or delivered to:
City Secretary
City of Balcones Heights
3300 Hillcrest Dr.
Balcones Heights, Texas 78201

Notice to Bidders:

- A. Submission of a bid is strictly voluntary and, by submitting a bid to the City of Balcones Heights, the bidder agrees fully and unconditionally to accept the terms of this bidding process without claim or later recourse.
- B. All of the provisions of the original contract documents remain in effect except as specifically modified herein.
- C. This Addendum shall be considered part of the Contract Documents for the above mentioned project as though it had been issued at the same time and incorporated therewith. Where provisions of the following supplementary data differ from those of the original contract documents, this Addendum shall govern and take precedence. Bidders are hereby notified that they shall make any necessary adjustment in their estimates on account of this Addendum. It will be construed that each Bidder's proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

PRE-BID CONFERENCE FOLLOW-UP

Sign-in Sheets are attached for list of attendees at the Pre-Bid Conference.

PRE-BID QUESTIONS/RESPONSES:

Question 1: Will the winning bidder be required to pay liquidated damages?

Response: No liquidated damage payments will be required for this project.

Question 2: Will there be any retainage?

Response: Yes. Retainage will be 10% for each pay application line item.

Question 3: Are there existing civil drawings?

Response: The city has an existing set of plans that can be made available to the winning bidder.

CHANGES TO THE SPECIFICATIONS:

Proposal Package:

1. Under General Information for the Proposal add the following paragraph:

Retainage – Retainage for this project will be 10% of each pay application line item.

Division 23 Specifications:

1. Trane is an approved manufacturer for the following sections: Air Terminal Units (23 36 00); Air Handling Units (23 73 00); Packaged Rooftop Cooling Unit (23 74 00); Air Cooled Condensing Units (23 81 26); Ductless Mini Splits (23 82 19.A); Direct Digital Controls (23 09 23).
2. 23 74 00; Section 2.1; Paragraph E.7 – Remove requirement for E-coated coils.

CHANGES TO THE PLANS:

Sheet M1.1

- a. Revise external static pressure to the values stated for the following equipment:
 - i. AHU-1: ESP = 2.00
 - ii. AHU-2: ESP = 2.00
- b. Revise Roof Top Air Conditioning Unit Schedule notes to include the following:
 - i. Replace title with the following:

INCLUDE WITH AHU-1,2/CU-1,2; RTU-1 EXCEPT AS SPECIFICALLY NOTED BELOW

- ii. Revise note (6) to the following:

Economizers – By unit Manufacturer – RTU-1 only.

- iii. Omit note (11) and replace with the following:

AHU-1,2 shall be provided with intertwined circuits, balanced port expansion valves (sized and submitted by the equipment manufacturer). Additional refrigerant specialties (ball valves, moisture indicating type sight glasses, filter drier(s), line size and routing shall be coordinated by the mechanical contractor in accordance with the manufacturers recommendation.

- iv. Revise note (9) to the following:

RTU manufacturer shall provide standard factory installed and wired drive as a UL assembly and supported thru the warranty (parts and labor) by the manufacturer.

- c. RTU-1 shall be provided with a 20hp fan motor.

Sheet M5.1

- a. Add the following dehumidification sequence to AHU-1,2:

When return air humidity exceeds 55% for 5 minutes, the discharge temperature shall be reset from 55°F (adjustable) to 50°F (5°f lower than current discharge temp set point) until the humidity sensor maintains 50% or less for 5 minutes, then reset to normal discharge temperature setpoint control.

Sheet M5.2

- a. Add the following dehumidification sequence to RTU-1:

When return air humidity exceeds 55% for 5 minutes, the discharge temperature shall be reset from 55°F (adjustable) to 50°F (5°f lower than current discharge temp set point) until the humidity sensor maintains 50% or less for 5 minutes, then reset to normal discharge temperature setpoint control.

- b. Revise title to the following:

Multi-zone VAV, 2-Stage D/X Cooling, Packaged DX Rooftop unit

- c. Add static pressure sensor to control diagram indicate placement at 2/3 downstream on main duct.