



Town of Simsbury

933 HOPMEADOW STREET

SIMSBURY, CONNECTICUT 06070

Engineering Department

DATE: August 21, 2020

RE: **BID NO. 20-06**

Simsbury Farms Ice Rink Refrigeration Condensing Unit Replacement and Controls Upgrade
Simsbury, Connecticut

This **Addendum No. 2** includes clarification, revisions and additions to the documents. Modifications are hereby made to the Project Documents dated August 2020, for the above-referenced project.

REVISIONS

1. REVISIONS PERTAINING TO ADDENDUM #2 HAVE BEEN MADE TO THE FOLLOWING DRAWINGS:

1) M1.01 – CONDENSING UNIT REPLACEMENT MECHANICAL SPECIFICATIONS

2. PRE-BID QUESTION RESPONSES:

- 1) M1.01 VARIABLE FREQUENCY DRIVES - no specifications are listed, please provide info
 - VFD specification is missing due to a CAD issue. Refer to revised drawing M1.01 - Condensing Unit Replacement Mechanical Specifications, Section 2.4.
- 2) I-beam steel structural supports for new condensing unit, size of I-beam not listed, please provide info.
 - Structural support design, replacing existing supports (except for concrete pillars) shall be provided by successful Evaporative Condenser manufacturer. Refer to revised drawing M1.01 – Condensing Unit Replacement Mechanical Specifications, Section 2.3H.
- 3) Is condenser water treatment system existing to remain and be reused as is?
 - Yes, the existing condenser water treatment system is to remain as is.
- 4) Please clarify scope for testing and balancing.
 - The scope of TAB applies to the condenser water loop (WP-1/2), including the new evaporative condenser.
- 5) The drawings indicate VFD brine pump control. Do you want this control cost included in the base quote or broken out as a line item option?
 - Brine pump control should be included in the base quote.

- 6) Are there 1 or 2 condenser fans? Condenser schedule shows a single fan but electrical diagram also lists a pony fan motor. Please clarify if pony exist and control requirements.
 - There is one condenser fan. The main fan motor is controlled by the VFD and the pony motor is for a backup and will run if the main motor fails.
- 7) Do you want the condenser VFD fan control included in the base quote or broken out as a line item option?
 - Condenser VFD fan control should be included in the base quote.
- 8) The drawings reference an infrared temperature sensor. Please confirm if this is required and if so, should it be included in the base quote or as a line item option?
 - All sensors identified on the drawings should be included in the base quote.
- 9) Drawings show 2 exhaust fans (EF1 and EF2) but note section list only a single exhaust fan. Please advise on correct exhaust fan count and whether one is a continuous run fan?
 - There are two fans: EF-1 for emergency (NH3 leak) operation and EF-2 for mechanical room ventilation. Fan control separation will be coordinated during shop drawing approval process.
- 10) Drawing notes list 3 leak detectors. Do you want these included in the base quote or broken out as a line item option?
 - The three leak detector sensors should be included in the base quote.
- 11) Are lighting control outputs required or are they intended to be quoted as an option?
 - Lighting control outputs should be quoted as an option.
- 12) Do you want the PC software included in the base quote or broken out as a line item option?
 - The PC software should be included in the base quote.
- 13) Do you want PC hardware included as an optional line item quote or will the facility be providing its own PC hardware?
 - The PC hardware should be included in the base quote.
- 14) Who is providing the Motor Control Panel for this project or is there an existing panel being reused?
 - There is no Motor Control Panel for this project. The fans are fed from the existing Chiller Control Panel.
- 15) Do you want any onsite training time included in the controls quote and if so, how many days?
 - As stated on drawing M1.02 – Ice Rink Controls Specification, Section 1.19, eight hours of instruction is to be provided to owner's personnel.
- 16) Completion date of October 30th based on a September 11th contract execution is extremely tight especially if new Motor Control Panel and condenser are being installed. Please confirm these dates are accurate?
 - The date included in the bid documents is correct for the completion of the project. The preparation for winter season requires an early start for the season. We intend on expediting the contract execution earlier than September 11, 2020 to allow additional lead time for equipment purchasing and project completion.

THIS ENDS ADDENDUM NO. 2.

