

# Addendum No. 1

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**DATE:** September 20, 2011

Joliet Junior College  
1215 Houbolt Road  
Joliet, IL 60431

**TO:** Prospective Bidders

**SUBJECT:** Addendum No. 1

**PROJECT NAME:** Data Center Cooling Installation

**JJC PROJECT NO.:** B11043

This Addendum forms a part of the Bidding and Contract Documents and modifies the original bidding document as posted on the JJC website. Acknowledge receipt of this addendum in the space provided on the Bid Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

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## **Contractor Question #1:**

In order to facilitate a bid bond for this project, our bonding company is requesting a sample contract used in these types of project. There did not seem to be one in the bid documents. Might there be one which you could provide or a sample of one on your website? Your assistance in this matter would be greatly appreciated.

## **Response:**

The construction/bid documents/bid form along with a Joliet Junior College Purchase Order will serve as the contract. There is not a separate contract required to be signed by the contractor.

## **Additional Addendum Item #1:**

Any material designated to be returned to owner shall be brought by the contractor to the Facility Services building.

## **Additional Addendum Item #2:**

**The contractor is to include a \$7,500 allowance in their base bid to cover any work directed by JJC outside the scope of the bid/construction documents. The contractor is to include any necessary overhead and profit needed for this allowance in their base bid. Should JJC direct any work against this allowance, the contractor shall invoice for direct material and raw labor costs only.**

## **MECHANICAL:**

### **SPECIFICATION ITEMS**

Item M1: Section 23 81 21 2.1 A: **DELETE** Acceptable Manufacturers: Stulz Air Technology Systems (SATS), Data-Aire, and Canatal.

Item M2 Section 23 81 21 2.1 E: **REVISE** Paragraphs 1, 2, and 3 to the following:

1. Digital scroll compressors, variable capacity operation, suction gas cooled motor, vibration isolators, thermal overloads, automatic reset high pressure switch, suction line strainer, maximum operating speed of 3500 RPM.
2. Compressor solenoid valve shall unload the compress and allow for variable capacity operation.
3. Compressors shall be individually serviceable without dismantling other components.

#### DRAWING ITEMS

Item M1: Drawing M112: **ADD** the following general note to this drawing: Mechanical contractor shall be responsible for all cutting, patching, and painting of chase for work associated with routing refrigerant piping and electrical raceway to condensing unit C-1 on roof. Paint shall match existing surroundings.

Item M2: Drawing M112: **ADD** the following general note to this drawing: Approximate passenger elevator size is 5' x 5' with a 36" opening. If using this elevator to transport the CRU, contractor to protect elevator finishes. Elevator is rated for 3500 lb capacity. Verify loading prior to use. Contractor is responsible for other means of transport if the elevator is not a sufficient option.

Item M3: Drawing M112: **ADD** the following general note to this drawing: Data center is to remain operational 24/7 during construction. Contractor shall protect servers and equipment as necessary. Detectors for pre-action system shall be protected and fire protection system shall be disabled only while someone is within the space and must be re-energized prior to leaving.

Item M4: Drawing M112: **NOTE** existing battery pack in server room to be removed by others.

Item M5: Drawing M112: **MODIFY** existing Tate raised floor system to accommodate installation of new unit. Cut and patch floor as required to match existing.

Item M6: Drawing M112: **MODIFY** CRU-1 location to be flush against south wall in front of column enclosure to allow maximum clearance to ramp.

Item M7: Drawing M112: **RELOCATE** existing fire suppression pull station, emergency push button, bell, and Fenwall control panel to west side of door to allow CRU to be installed flush with south wall. Extend all fire suppression devices raceway and cable to new location.

Item M8: Drawing M112: **ADD** the following general note to this drawing: Cutting and patching of all floors, walls, drywall and lay-in ceilings affected by project scope shall be by the mechanical contractor. Patch construction to match existing conditions.

Item M9: Drawing M113: **ADD** the following general note to this drawing: Roofing contractor shall be warranted by manufacturer. Contractor to include any requirements of roofing manufacturer for winter construction. Add new condenser piping/conduit portal as required by roofing and unit requirements. Existing J building roof is under warranty. Please contact Kevin Garmey with Tremco regarding warranty/patching.

Tremco Roof Division  
Kevin Garmey  
Ph. 800-851-4056  
Cl: 773-640-6254  
Fx: 773-935-9576  
EM: [kgarmey@tremcoinc.com](mailto:kgarmey@tremcoinc.com)

Item M10: Drawing M-400: **ADD** the following note to the Computer Room Unit Schedule: Condensate pump shall be wired with dual floats which are capable of sending an alarm back to the building automation system.

Item M11: Drawing M-400: **ADD** the following notes to the 5/M-400 Computer Room Unit Control diagram:

1. TCC is responsible for providing any integrators required for communication between computer room unit and building automation system.
2. An alarm shall be generated at the FMCS operator workstation if the drain pan float reaches its high level limit.

**ELECTRICAL:**

**DRAWING ITEMS**

Drawing E-212: **ADD** the following general note to this drawing: Electrical Contractor shall be responsible for cutting, patching, and painting of walls, ceilings (drywall and lay-in ceilings), and floors required for the installation of electrical raceway routing from existing Panel 'EMDP-2' to Computer Room Unit 'CRU-1' and Condensing Unit 'CU-1'. Patch and paint walls, ceilings (gypsum ceiling and ceiling tiles), and floors to match existing surroundings. Cutting, patching, and painting of chase associated with electrical raceway to Condensing Unit 'C-1' on roof shall be by the Mechanical Contractor. Coordinate work with the Mechanical Contractor."

**End of Addendum #1**