



Purchasing Division

ADDENDUM NO. 1

DATE: April 12, 2016
FROM: City of Grand Junction Purchasing Division
TO: All Offerors
RE: Two Rivers Convention Center Kitchen Makeup Air Unit Replacement
IFB-4216-16-DH

Offerors responding to the above referenced solicitation are hereby instructed that the requirements have been clarified, modified, superseded and supplemented as to this date as hereinafter described.

Please make note of the following clarifications:

1. Exhaust system will need to remain operational, if the TRCC staff is in need of it. However, the Owner anticipates that they can schedule to work around this need.
2. Q. Is a Test & Balance required, or in lieu of, can the mechanical contractor measure the supply air diffusers airflow prior to demo and then again after the new MUA is installed, then adjusting the new MUA sheave as necessary to match prior diffuser airflow quantities?

A. A formal test and balance is required.
3. Q. Which contractor is responsible for fire alarm shut down tie in for the new MUA; the mechanical, electrical, or contracted TRCC fire alarm contractor?

A. Contractor is to include the fire system tie in as part of this project.
4. Q. The specified Grease Master controls will operate the MUA and kitchen hoods' EF via hood temperature sensors. As the kitchen's sole source of heat and cooling is the MUA, is accommodation made in the control sequence for room temperature override when the kitchen temperature requires heating or cooling?

A. The heat sensors are to start the exhaust fan. Code does not require the makeup air to start from these sensors. The makeup air unit is to start manually from the wall mounted control panel as it does now. The Grease Master controls will allow for this operation.
5. Q. The existing kitchen hoods' constant volume exhaust fan is two speed, and as the new MUA is VFD with the requirement to be interlocked with the hoods' EF, what is the specified control sequence for accommodating the MUA's VFD in conjunction with the two speed hoods' EF, and does the specified Grease Master accommodate that control sequence?

- A. The makeup air unit will start when the exhaust fan is started on low or high speed. The makeup air unit will operate at full speed when the exhaust fan is started on low or high speed. The hertz for full speed will be determined during the testing and balancing procedure.
6. Q. Where does the Owner want the new controls located?
- A. On the north wall of the roof access closet, just inside the door to the left.
7. Q. What about interfacing and interlocks?
- A. The exhaust fan and MAU are to be interlocked with the controls operated through the wall mounted panel.
8. Q. Will the ANSUL SYSTEM need to be brought up to current codes". It has been my experience that when you touch any part of an out dated system the entire system must be brought up to current codes. We will be adding heat sensors in each of the three hoods which currently are not up to code per Bighorns narrative.
- A. It is the Owner's understanding that the ANSUL System is check on a regular basis by either the Fire Department or a fire protection contractor for proper operation. Therefore, we do believe any modifications are necessary to this system at this time. Should this be incorrect, and modifications are required, it will be a change order from the Owner to do so.

The original solicitation for the project noted above is amended as noted.

All other conditions of subject remain the same.

Respectfully,



Duane Hoff Jr., Senior Buyer
City of Grand Junction, Colorado