Addendum No. 5

DATE: November 10, 2008

TO: All Bidders of Record

FROM: David Martinez, Senior Buyer

SUBJECT: Addendum No.5 to T-2739 Student Resource Center

This amendment becomes part of the Contract Documents and modifies the original bidding documents as noted below:

1. On the food service drawings, regarding an item specified as SHOWCASE model GDL-BDT2LB; can you tell me how to contact this Manufacturer?
   A. The equipment schedule on sheet FS1.0 calls for Federal model CD3628/RSS3SC. (Data sheet attached. At the bottom of the second page you can find the required contact information.)

2. Can get an approval for Panduit/General Cable as an equal to Berktek for the voice/data products required on this bid?
   A. General Cable is already an approved manufacturer as shown in section 271500. Berktek is not approved. Also, Panduit is not on CNM’s approved list. The manufacturers listed in the specifications are the ones most preferred by CNM and it is recommended to stay with those listed.

3. Substitution request to use Kwal Paint as an approved manufacturer for paint products submitted by Kwal Paint, Inc., 1018 Fourth Street NW, Albuquerque, NM 87102?
   A. Approved.

4. Regarding the duct liner for the HVAC duct work, listed in specification 23 31 13 – 11, F., Liner, 2; it calls for all supply air duct work to be lined with 1 ½” Type A liner. Does this apply to both the round duct work as well as the rectangular?
   A. Round runouts to diffusers can be wrapped with glass fiber blanket insulation 1.5”, thermal conductivity at 75 F. maximum 0.24 Btu/in./sq. ft./deg. F./hr., with factory applied aluminum foil reinforced with fiberglass yarn laminated to fire resistant kraft paper. Insulation shall have a minimum “R” value of 5. Refer to spec section 230700 for installation guidelines.
5. Reference spec pg 23 31 13 - 4 C. Note & Detail sheet M05-04 A1. The Agion antimicrobial metal supplier has indicated that welding would corrupt the coating. Can the underground pipe be fabricated using a 20 gauge spiral lock seam? Can the underground fittings be fabricated by pop rivet & seal?
   A. Spot welding or fully welding Agion ductwork should not be a problem. Refer to page 6 of the following McGill publication: http://www.mcgillairflow.com/newsDocs/newsPDFS/silverGuard_WP.pdf

6. Request by WM Carroll for preapproval.
   A. McQuay chillers: Not approved manufacturer.
   B. Kruger: Approved manufacturer for specification division 23 37 13, section 2.1. This manufacturer must still meet all the requirements throughout division 23 37 13.
   C. Primera Boilers: Not approved manufacturer.
   D. Thrush expansion tanks: Approved manufacturer. This manufacturer must still meet all the requirements throughout division 23 21 13.

7. Single line diagram E13-01 indicates that the electric generator shall be rated for 600kw. Specification section 263213, 1.4, A, 3 indicates a project elevation of 5,500 feet. Please see the attached generator specification sheet for a generator rated 600kw up to 4,921 feet. At 5,500 feet, this generator will perform at 588kw due to the 2% altitude derate per the formula at the bottom of the specification sheet. Is this generator acceptable, or must the generator meet the absolute 600kw requirement at 5,500 feet above sea level?
   A. Loftin Equipment issued a question regarding the capacity of the Kohler generator they are proposing in a letter dated November 4, 2008. Their generator is rated at 588 kW, not 600 kW, at 5,500 feet above sea level due to altitude derating requirements. The actual altitude is 5326 feet above sea level, not 5500 feet. Therefore, the actual rating at this altitude is approximately 592 kW. Although this is close to the required rating, the College has plans to increase load in the Data Center and consequently on the generator over time and would have to decide if this lower rating is acceptable. ESD recommends that Loftin Equipment develop their bid based on the specifications (600 kW). They are welcome to provide an alternate bid for the smaller generator that CNM can evaluate and decide if the cost savings make the alternate acceptable.

8. There is no detail for the 8' paved walkway. Can you provide a section cut for this?
   A. The 8-foot asphalt path should be sloped at a minimum 1% toward the drainage flow arrows on the west side of the path. The section should be minimum 3" thick asphalt section over 8" subgrade prep.

9. Great Western Specialty Systsems request for prior approval for the following systems: fire alarm system, sound masking system, master clock system?
   A. According to the specifications: “All substitute equipment proposed as equal to the equipment specified herein, shall meet or exceed the following standards. For equipment other than that specified, the contractor shall supply proof that such substitute equipment does in fact equal or exceed the features, functions, performance, and quality of the specified equipment. Refer to General specification section requirements for substitute equipment submittals”. The information presented does not cover all functions required by the specifications. Insufficient information presented to determine if alternate is equal. Alternate submittal is rejected.
   B. The engineer’s understanding from CNM is that they want to use the following: Furnish equipment manufactured by FireLite, Notifier, Edwards Systems Technology (EST3) or Owner approved equal.
   C. CNM must review the fire alarm to approve an alternate brand.
   D. Siemens is an appropriate manufacturer and could meet the specifications but the information submitted was not sufficient and it is not on the owner list of approved vendors.
10. Request for use of "Core Foam Masonry Insulation" in the CNM Resources Center; Albuquerque N.M. Currently project specifications, Page 042000-13, para 2.12, sub para A. specifies loose fill insulation and or B. specifies molded polystyrene inserts.

Core Foam insulation provides an R-14.2 in comparison to Loose fill R-9.8 or Inserts which is rated at R-9.38. in 8 inch concrete masonry units. In addition foam insulation will not pack down due to earth rotation or "bleed out" if the wall is punctured intentionally or unintentionally as loose fill is want to do. Inserts must be installed by either the block manufacture or at the work site. Looking at a cross section of the wall one can notice a 5/8 inch gap around the entire CMU as the insert is designed to fit only the CMU cavity.

A. Foam insulation will not be allowed.

11. Window Frames W003,005,006 & 007, are along column line E on page A02-11, if I go to the wall section A2-A06-11, it refers me to B4 & A4 A09-10, for details which show U-channel receptors for the glass at the head and sill. On page A02-11 along column line E at rooms 102 & 104, there is a detail for the enlarged detail of the jamb section for these same frames, A2-A08-01, which shows aluminum strip window framing at the jambs, please advise what is required for the framing at these windows?

A. Detail A2/A08-01 has been revised to show the correct window framing. Graphic issued with Addendum No. 3.

12. Specification section 23 3113 2.03 C concerning Aigon antimicrobial coating directs us to details on the plans for under floor ductwork. Is Aigon coating required for all unlined ducts on the project or just the underground duct?

A. Aigon is required only on underground duct.

13. Specification section 23 3113 3.10 F indicates that all supply ducts be lined. Does the underground duct need to be lined or is the Aigon coating required?

A. Underground ductwork does not need to be lined.

14. Detail A1 on sheet M05-04 indicates both Aigon coating and PVC coating. Please clarify what will be acceptable. We suggest using PVC coated spiral pipe and fittings for the little bit of concrete encased underground duct on this project.

A. Contractors option for PVC or Agion ductwork. Duct to be 16 gauge and welded.

15. Reference notes 8 and 22 on sheet M02-22 and the duct shown in room 172 on sheet M02-12 for oval duct. Is the intent to provide double wall duct with a perforated inner wall for all oval duct on the project, or just the duct per detail D4 on sheet M05-04?

A. Exposed flat oval ducts to be double wall 1” lined with perforated inner wall as shown in detail D4 sheet M05-04.

16. On sheet M04-01 note 27 calls for bag filters (typ), however this note is pointing to a dashed circle line. Please clarify what is required for this note?

A. This note is referring to a chilled water and hot water bag filter. This is also shown on the piping diagram. Refer to spec section 23 65 02.

17. Will the college offer a bid date extension?

A. The bid date is officially extended as modified in Specification division 00 01 00-Invitation to Bid, B. as follows:

B. Receipt of Bids: The Owner will receive sealed Bids from Bidders until 3:00 PM local time (MDT) on Tuesday, November 18, 2008 at Central New Mexico Community College (CNM), Main Campus, 525 Buena Vista SE, A Building, Room #A128, Albuquerque, New Mexico, 87106. Bids received after that time will not be accepted. Bids will be opened publicly and read aloud at that time and location. All interested parties are invited to attend.

B. Substitution and clarification period remains closed.

All other specifications, terms and conditions remain unchanged. Bidders are required to acknowledge receipt of this Amendment in the space provided on Section 00 20 00-1.
Display more product and serve more customers with presentation and value in mind.

*Cases are available in lengths of 36", 48", and 72".*

**STANDARD FEATURES**

**Refrigerated Self-Serve Bottom Display**
- Black laminated exterior. Other finishes available.
- Black trim. Silver and gold optional.
- Black interior.
- Horizontal top and front light.
- Two tiers black metal shelves.
- Cord and plug. (Not available on six foot unit).

**Service or Self-Service Non-Refrigerated Top Display**
- Two tiers black wire shelves.
- Top light and shelf lights.
- Sliding rear doors.
- Black trim.
- Self-serve has three hinged lift-up front doors.
**HYBRID MERCHANDISER**

**NON-REFRIGERATED OVER SELF-SERVE REFRIGERATED**

**OPTIONAL ACCESSORIES:**

For Top Display
* Glass Shelves
* Reflective Ends
* Reflective Rear Doors

For Self-Serve Refrigerated Base
* Energy Saving Night Curtain
* Silver or Gold Tone Trim

- Refrigerated cases are designed to operate in an environment of 75° ambient and 55% relative humidity.
- Due to continuing engineering improvements, specifications are subject to change without notice.
- On the six foot display a separate 120/60/1 15 AMP circuit is required for the condensate evaporator.

**SERVICE NON-REFRIGERATED OVER SELF-SERVE REFRIGERATED**

**SELF-SERVE NON-REFRIGERATED OVER SELF-SERVE REFRIGERATED**

**SPECIFICATIONS:**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions L x W x H (in)</th>
<th>Approx. Shipping Weight (lbs)</th>
<th>Bottom Display 120/60/1</th>
<th>Top Display 120/60/1</th>
</tr>
</thead>
<tbody>
<tr>
<td>CD3628/RSS3SC</td>
<td>36 1/4&quot; x 39&quot; x 69 3/4&quot;</td>
<td>847</td>
<td>1/3 HP - 14.8 AMPS</td>
<td>1.5 AMPS</td>
</tr>
<tr>
<td>CD4828/RSS4SC</td>
<td>48&quot; x 39&quot; x 69 3/4&quot;</td>
<td>1,010</td>
<td>1/2 HP - 16.0 AMPS</td>
<td>1.5 AMPS</td>
</tr>
<tr>
<td>(2)CD3628/RSS6SC</td>
<td>72&quot; x 39&quot; x 69 3/4&quot;</td>
<td>1,500</td>
<td>3/4 HP - 16.0 + 10 AMPS</td>
<td>(2) 1.5 AMPS</td>
</tr>
<tr>
<td>CD3628SS/RSS3SC</td>
<td>36 1/4&quot; x 39&quot; x 69 3/4&quot;</td>
<td>780</td>
<td>1/3 HP - 14.8 AMPS</td>
<td>1.5 AMPS</td>
</tr>
<tr>
<td>CD4828SS/RSS4SC</td>
<td>48&quot; x 39&quot; x 69 3/4&quot;</td>
<td>900</td>
<td>1/2 HP - 16.0 AMPS</td>
<td>1.5 AMPS</td>
</tr>
<tr>
<td>(2)CD3628SS/RSS6SC</td>
<td>72&quot; x 39&quot; x 69 3/4&quot;</td>
<td>1,300</td>
<td>3/4 HP - 16.0 + 10 AMPS</td>
<td>(2) 1.5 AMPS</td>
</tr>
</tbody>
</table>

**Look to Federal for Innovative Merchandising**

Federal Industries
A Standex Company
215 Federal Avenue
Belleville WI 53508-0290
Phone: 800-356-4206
Fax: 608-424-3234
Email: geninfo@federalind.com
Web Site: www.federalind.com