March 19, 2015

TO: ALL BIDDERS OF RECORD


ADDENDUM #4
The following items shall take precedence over the drawings and specifications for the above named project and shall become part of the Contract Documents. Where any item called for in the specifications, or indicated on the drawings is not supplemented hereby, the original requirements shall remain in effect. Where any original item is amended, voided, or suspended hereby, the provisions of such item not specifically amended, voided or superseded, shall remain in effect.

PROJECT MANUAL:

OSE Form-00201, STANDARD SUPPLEMENTAL INSTRUCTIONS TO BIDDERS:
At Item 9.9 Other Special Conditions of the Work, add the following sentence:

General Contractors shall be prepared to provide cost breakout of Food Service Equipment and Installation as directed in Project Manual Section 010500-1.2-F, as part of the Statutory Requirements.

Section 010500
Add paragraph 1.2-F, as follows:

F. The EDA grant applied to this project is for building construction only, and does not apply to the purchase and installation of Food Service Equipment.
   1. The apparent low-bid General Contractor shall submit to the Owner, within 24 hours of recognition of the apparent low bid, a tabulation of its bid amount separated into two categories as follows:
      1) Building and Site Construction:
      2) Food Service Equipment and Installation:
      3) Total Contract Price ( 1 + 2 ):
   2. Installation cost for Food Service Equipment shall not include the electrical or mechanical rough-ins for the equipment, but will include associated costs from the electrical or mechanical connection point outward.
Section 051200
Revise items 1.6-A and B to read as follows:

A. Installer Qualifications: Installer shall be familiar with and able to install steel in accordance with the quality assurance requirements of AISC 360.
B. Fabrication Qualifications: Fabricator shall be familiar with and able to fabricate steel components in accordance with the quality assurance requirements of AISC 360.

Section 102800
Addendum #2, revised 102800 - 2.5 FOLDING SHELVES, in the Project Manual. To that section, add item 2.5-A-7 as follows:

7. Alternate Manufacturers:
   a. Ideal Products Model #FS1714
   b. Riversedge Products Model #FS5298

Section 114000

In Paragraph 2.6, Item 4-122C, revise "Make" line to read:
Make - Viking FDRB5303(R/L) or equal by Marvel

In Paragraph 2.6, Item 21-129, change quantity to (1)

In Paragraph 2.6, Item 22A-129, change quantity to (4)

In Paragraph 2.6, Item 22A -132, change quantity to (4)

In Paragraph 2.6, Item 32-132, revise "Size" line to read:
Size - (2) 54" x 18" and (4) 36" x 21", all 74-5/8" high; five tier with bottom shelf up 14" clear above floor

In Paragraph 2.6, Item 30-133, change quantity to (3)

In Paragraph 2.6, Item 18-134, change description title from "ACCESSIBLE WORK STATION WITH SINK" to "ACCESSIBLE WORK STATION"

In Paragraph 2.6, Item 23-134, change quantity to (4)

In Paragraph 2.6, Item 30-134, change quantity to (3)

In Paragraph 2.6, Item 1-139, change quantity to (6)
In Paragraph 2.6, Item 10-140A, add line:

Quantity - 2

In Paragraph 2.6, add Item 11-140A as follows:

Item 11-140A
SODA GUN HOLDER/CHASE
Quality - 2
Make - Glastender SHB-6 or equal by Perlick or Micro Matic
Description - Unit shall be all standard construction per the manufacturer’s specifications.
Fabricated frame with backsplash from all stainless steel, removable cover, front rail and front skirt. Provided with built-in soda gun cradle with drip cup.

In Paragraph 2.6, Item 16-143, change quantity to (2)

Below Paragraph 2.6, Item 40-143, change line "Item 40A-143" to "Item 41A-143"

Below Paragraph 2.6, Item 40-143, change line "Item 40B-143" to "Item 41B-143"

In Paragraph 2.6, Item 55-143, revise "Size" line to read:
Size - 60" x 33" x 36" high to work surface; 43-3/8" overall

In Paragraph 2.6, Item 7-153, revise "Size" line to read:
Size - (2) 60" x 24", (1) 36" x 24", all 74-5/8" high; five tier with bottom shelf up 14" clear above floor

In Paragraph 2.6, Item 10-153, change quantity to (10)

In Paragraph 2.6, Item 18-153, change quantity to (31)

In Paragraph 2.6, Item 19-153, change quantity to (2)

**DRAWINGS:**

Sheets C-001
Add the following note to Sheet C-001:
"If archeological materials are encountered during construction, the procedures codified at 33 CFR 800.13(b) will apply and the Economic Development Administration, the South Carolina State Historic Preservation Office, and the Catawba Indian Nation shall be contacted immediately. Archeological Materials consist of any items, fifty years or older, which were made or used by man. These items..."
include, but are not limited to, stone projectile points (arrowheads), ceramic shards, bricks, worked wood, bone and stone, metal and glass objects, and human skeletal remains.

Sheet FS102
On Equipment Schedule, Item 21-129, revise quantity to (1)
On Equipment Schedule, Item 22A-129, revise quantity to (1)
On Equipment Schedule, Item 22A-132, revise quantity to (4)

Sheet FS103
Locate drop cords, Item 13-134, two each on plan over Items 18-134 and the alternate location for 14-134 (as shown on rough-in plan, Sheet FS203)
(revised sheet FS103 attached to this addendum)

Sheet FS104
Locate drop cords, Item 17-143, four each on plan over Items 9, 16, 16A, and 18-143 (as shown on rough-in plan, Sheet FS204)
In Production Kitchen, Room 143, change label for accessible wall mounted hand sink (adjacent to Item 21-143) from 23-155 to 23-143.
In Production Kitchen, Room 143, change label for clean ware table (adjacent to Item 28-143) from 38-155 to 27-143. Length of table changes to 84" per specification.
(revised sheet FS104 attached to this addendum)

Sheet FS105
In Bake Shop, Room 137, change wall mounted hand sink label from 8-137 to 7-137
On Equipment Schedule, Item 1-139, revise quantity to (6)
On Equipment Schedule, Item 10-140A, revise quantity to (2)
On Equipment Schedule, add Item 11-140A, quantity (2), description "Soda gun holder/chase"
(revised sheet FS105 attached to this addendum)

Sheet FS106
Locate drop cords, Item 24-153, three each on plan over Items 25-153 (as shown on rough-in plan, Sheet FS204)
(revised sheet FS106 attached to this addendum)
RESPONSE TO QUESTIONS:

1. Specification section 23 3113 paragraph 2.1.B, Grease duct, is galvanized correct or should this be black steel?
   DWG Response: Kitchen Exhaust Ductwork (grease duct) shall be welded galvanized steel, 16 gauge minimum, as specified. Black steel is not an acceptable alternative.

2. Specification section 23 3113 paragraph 2.1.C, what gauge is the SS?
   DWG Response: Stainless Steel Ductwork shall be a minimum of 18 gauge.

3. Specification section 23 3113 paragraph 2.1.C, the reflected drawings show no areas that the SS duct will be exposed, in what location are they expecting the SS polish duct?
   DWG Response: Refer to sheet M301, detail 4, titled “Warewasher HVAC Section.” The section depicts the warewasher and associated ducted exhausts, both above the ceiling and exposed within room 143 Production Kitchen.

4. On sheet A457 exterior door schedule I need the actual hardware set #s for the openings. Specification is not clear for which hardware headings to use.
   See pages 087100-35 & 36 of the Project Manual (the Door/Hardware Index) for assignment of Hardware sets to Exterior and Interior Doors.

5. What size is the wood transom for Tag#s 129A,132A,133A, & 134A? I recommend a 24” transom. The transom will have the same finish as the door below, and will be 24" high, with concealed fasteners. The schedule has 10' for the height of the door panel, but door panels will be nominally 8' tall. No seal is required between the transom and operable door.

6. Hardware set 17 for tag 140A will not work for this opening.
   On page 087100-35, the Project Manual has hardware set #9 for door 140A, not #17.

7. Colored mortar is specified in 042000-6-J. What is the color? There is a price range based on the darkness of the color.
   The color of the mortar will match the range of the veneer masonry made from white cement (masonry color range shall be colors based on white cement per Addendum #3). We will not use a contrasting color for mortar, so no dark mortars will be used.

8. Planting Detail 11/L-3 calls out to install Root Growth Barrier at “Locations Where Plant Roots May Come into Contact with Architectural Elements (Foundations, Walls, Sidewalks, Pools, etc.).” Is the intention to include locations where roots may come into contact with Curb & Gutter or Header Curb?
   Yes, the intent is to install at “Locations Where Plant Roots May Come into Contact with Architectural Elements (Foundations, Walls, Sidewalks, Pools, etc.)” or any hardscape elements which can be damaged by root growth.
9. We are bidding culinary arts job and I had a question as to where they want the BiobARRIER installed. The only large trees I see are the maples in the islands. Can you give any details as to where they want this product installed?

Landscape Contractor Shall Be Responsible for Installing a Root Growth Barrier in all Locations Where Plant Roots May Come into Contact with Architectural Elements (Foundations, Walls, sidewalks, Pools, Curbs, etc). Provide root barrier at maple trees in parking islands and Crape myrtles near building as well.

10. The “Enlarged Reflected Ceiling Plans”, A-123 shows an ellipse at the ceiling of Conference Room 10. There does not seem to be sufficient details in the plans to allow us to know how this ellipse is articulated. Please provide detailing that shows both a plan view and section(s) with labeling such that the ellipse can be built according to best practices and the architectural intent and priced accurately.

See Drawing ASI-001 attached to this addendum (adobe.pdf format)

11. Is a local Building Permit, other than the Building Permit from the Office of State Engineer, to be obtained / paid for by the Contractor?

There is no local building permit required. However, this project is within the city limits of Myrtle Beach, and all contractors and subs must have a city of Myrtle Beach business license, and contractors involved in plumbing, electrical, HVAC and gas must have a City of Myrtle Beach Master Card in their respective trade. Contact the Construction Services Department at 843-918-1111 for further information.

12. The Owner is paying for the water and sewer impact fees. Are “Tap Fees” or other primary connection fees to be paid by the Contractor?

The Owner will pay for tap fees and impact fees and other primary connection fees. (The Owner already has accounts with the utility companies as this building is going onto an existing campus.)

13. The Add. 3 just clarified the wall base issue for Demo Kitchen Rm 122C but it only stated using PTF 12 for floor. The finish legend shows PTF-10 and PTF-12 being used can you asked if PFT-10 is removed or is this a typo.

Both PTF-10 and PTF-12 are used on the floor. Please look at sheet A-722 and view the floor pattern, you can see both tiles sizes are used. PTF-10 is 12"x24" and PTF-12 is 8"x48". This is listed correctly in the finish schedule. The floor tile spec numbers did not change from the Bid Set to this Addendum. PTF-12 is only used as the wall base because we need the 8" height at this tiled floor location.
SUBSTITUTION REQUESTS:

042000
CalStar Brick and Structure Stone is **Not Approved** as an acceptable supplier for this specification.

064023
Biggs Casework, Inc. is **Approved** as an acceptable supplier for this specification.

074213.24
North Clad is **Approved** as an acceptable supplier for this specification.

092400
Parex Armourwall 300 Watermaster w/ drainage mat & Permalath is **Approved** as an acceptable supplier for this specification.

098436
Sky Acoustics SuperCluster Acoustical Cloud is **Not Approved** as an acceptable supplier for this specification.

232114-4
Patterson Pump Air Separator is **Approved** as an acceptable supplier for this specification.

232114-5
Patterson Pump Expansion Tank is **Approved** as an acceptable supplier for this specification.

232500-2
Wheatley Chemical Feeder is **Approved** as an acceptable supplier for this specification.

233400
Captive-Aire Systems is **Approved** as an acceptable supplier for the following items: BEF-1, BEF-2, DWEF-1, EF1-EF5, GEF-1, KEF1-KEF9, OEF-1,

235216
Fulton Endura is **Not Approved** as an acceptable substitute for hot water boiler.

236426-3
Dunham-Bush Air Cooled Chiller is **Not Approved** as an acceptable supplier for this specification.

END OF ADDENDUM #4
ELLIPSE PLAN

3/8" = 1'-0"

ROOM CENTERLINE

ELLIPSE LAID OUT USING THE DRAFTSMAN'S METHOD

MAJOR AND MINOR AXIS

CENTERPOINT DISTANCE TO FACE OF WALL

11'-7"

RADIUS OF MAJOR AXIS

R 8'-6"

RADIUS OF MINOR AXIS

R 5'-6"

1/2"

CLOUD EDGE

3" = 1'-0"

PRE-CURVED CEILING TRIM

TEE GRID SYSTEM

REFERENCE:

PROJECT NAME: CULINARY INSTITUTE OF MYRTLE BEACH
PROJECT NUMBER: 1332-130790
DATE: 03-11-15
DRAWN BY: WBA
CHECKED BY:

ASI-001
RFI #004

SCALE: As indicated

MEMBERS OF THE AMERICAN INSTITUTE OF ARCHITECTS

TEL. 843.577.4444  FAX 843.722.4789
HTTP://WWW.LS3P.COM

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## Schedule of Foodservice Equipment & Connections

<table>
<thead>
<tr>
<th>Item</th>
<th>Qty</th>
<th>Description</th>
<th>Plumbing</th>
<th>Electrical</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-137</td>
<td>1</td>
<td>Beverage counter with sink</td>
<td>1/2&quot; H&amp;W; 2&quot; IW to FS (2)</td>
<td>20 A circuit - 120/1 wall mounted GFI DR</td>
</tr>
<tr>
<td>2-137</td>
<td>1</td>
<td>Coffee brewer (Owner's Vendor)</td>
<td>1/4&quot; CW from Item 5-137</td>
<td>28.6 A - 120/208/1 (verify)</td>
</tr>
<tr>
<td>3-137</td>
<td>1</td>
<td>Tea brewer (Owner's Vendor)</td>
<td>1/4&quot; CW from Item 5-137</td>
<td>13 A - 208/1 (verify)</td>
</tr>
<tr>
<td>4-137</td>
<td>1</td>
<td>Soda system (Owner's Vendor)</td>
<td>1/2&quot; CW; FD 20 A circuit - 120/1 - C&amp;P</td>
<td></td>
</tr>
<tr>
<td>5-137</td>
<td>1</td>
<td>Underbar hand sink</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6-137</td>
<td>1</td>
<td>Water filter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-137</td>
<td>1</td>
<td>Mobile storage shelving</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-137</td>
<td>1</td>
<td>Hand sink with hands-free faucet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9-137</td>
<td>1</td>
<td>Millwork bar (Owner)</td>
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</tr>
<tr>
<td>10-137</td>
<td>1</td>
<td>POS terminal (by Owner)</td>
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</tr>
<tr>
<td>11-137</td>
<td>1</td>
<td>Coffee maker (Owner's Vendor)</td>
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<td></td>
</tr>
<tr>
<td>12-137</td>
<td>1</td>
<td>Tea maker (Owner's Vendor)</td>
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<tr>
<td>13-137</td>
<td>1</td>
<td>Soda machine (Owner's Vendor)</td>
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<tr>
<td>14-137</td>
<td>1</td>
<td>Hot water dispenser</td>
<td></td>
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</tr>
<tr>
<td>15-137</td>
<td>1</td>
<td>Ice maker</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16-137</td>
<td>1</td>
<td>Dishwasher</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17-137</td>
<td>1</td>
<td>Underbar wash sink</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18-137</td>
<td>1</td>
<td>Underbar coolers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19-137</td>
<td>1</td>
<td>Underbar sink</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20-137</td>
<td>1</td>
<td>Underbar dishwasher</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21-137</td>
<td>1</td>
<td>Underbar glass washer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22-137</td>
<td>1</td>
<td>Underbar一條</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23-137</td>
<td>1</td>
<td>Underbar glass washer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>24-137</td>
<td>1</td>
<td>Underbar一条</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes:
- Plumbing connections are shown in red and electrical connections are shown in blue.
- All equipment is assumed to be cord & plug provided unless otherwise specified.
- All equipment is assumed to be installed by the specified sub-contractor unless otherwise specified.
- Controls for such systems shall be provided and installed by the specified sub-contractor.
- Blowers, ductwork and duct connections shall be provided and installed by the Heating and Ventilation Contractor.
- Conduit, junction boxes, outlets, disconnects, and connecting wiring shall be provided and installed by the Electrical Sub-Contractor.
- Traps, drainlines, grease interceptors, shut-off valves and connecting piping shall be provided and installed by the Plumbing Sub-Contractor.
- Millwork back bar (Owner's Vendor) is assumed to be installed out of walls whenever possible allowing clearance for traps, valves, switches, and the like.
- No architectural or engineering service is intended or assumed.
- Connections, stub-outs and dimensions shown are to be used for estimating engineering requirements only. No architectural or engineering service is intended or assumed.
- Abbreviations used:
  - EC: Electrical contractor
  - H&CW: Hot & cold water
  - W: Waste (direct connection)
  - DFA: Drop from above
  - HP: Horsepower
  - SR: Single receptacle
  - CW: Cold water
  - GI: Grease interceptor
  - SP: Static pressure (WG)
  - CR: Condensate return
  - GC: General Contractor
  - QD: Quick disconnect
  - CFM: Cubic feet per minute
  - G: Gas
  - PC: Plumbing Contractor
  - C&P: Cord & plug provided
  - FS: Floor sink
  - MUA: Make-up air
  - BFF: Below finished floor
  - FFD: Funnel floor drain
  - KW: Kilowatt
  - AFF: Above finished floor
  - FD: Floor drain
  - KEC: Kitchen Equip. Contractor

### Abbreviations:
- Equipment plan
- Plumbing
- Electrical
- Notes
- Sub-contractor. Controls for such systems shall be provided and installed by the specified sub-contractor.
### Schedule of Foodservice Equipment & Connections

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Plumbing</th>
<th>Electrical</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-153</td>
<td>31-153</td>
<td>1/2&quot; H&amp;C; FD</td>
<td>20 A - 120/1</td>
</tr>
<tr>
<td>2-153</td>
<td>1 Mop sink &amp; faucet (by PC)</td>
<td>1/2&quot; H&amp;C; Drain in floor</td>
<td>120/1</td>
</tr>
<tr>
<td>3-153</td>
<td>1 Mop rack/shelf</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-153</td>
<td>1 Detergent storage cabinet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-153</td>
<td>1 1/2&quot; H&amp;C; 3&quot; IW to FS</td>
<td>15 A - 120/1</td>
<td></td>
</tr>
<tr>
<td>6-153</td>
<td>5 Recycle bins (by Owner)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-153</td>
<td>3 - spare number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8-153</td>
<td>1 Walk-in curing cooler</td>
<td>1.1 KW - 120/1 (lights, monitor/alarm, etc.)</td>
<td></td>
</tr>
<tr>
<td>9-153</td>
<td>1 Remote refrigeration rack</td>
<td>108 A - 208/3</td>
<td></td>
</tr>
<tr>
<td>10-153</td>
<td>1 Prep counter with sinks</td>
<td>1/2&quot; H&amp;C; 2&quot; IW to FS</td>
<td></td>
</tr>
<tr>
<td>11-153</td>
<td>3 Mobile tables</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12-153</td>
<td>3 Drop cords with inline GFCI</td>
<td>20 A circuit - 120/1</td>
<td></td>
</tr>
<tr>
<td>13-153</td>
<td>3 Mobile stands</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14-153</td>
<td>1 Desk (by GC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-153</td>
<td>1 Vacuum sealer</td>
<td>20 A - 120/1 - C&amp;P</td>
<td></td>
</tr>
<tr>
<td>16-153</td>
<td>1 Walk-in freezer</td>
<td>1.3 KW - 120/1 (lights, monitor/alarm, etc.);</td>
<td></td>
</tr>
<tr>
<td>17-153</td>
<td>2 Curing racks</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18-153</td>
<td>1 Mobile cart</td>
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<td></td>
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<tr>
<td>19-153</td>
<td>1 Mobile cart</td>
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<td></td>
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<tr>
<td>20-153</td>
<td>1 Mobile cart</td>
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<td></td>
</tr>
<tr>
<td>21-153</td>
<td>3 Mobile carts</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22-153</td>
<td>1 Mobile cart</td>
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<td></td>
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<td>23-153</td>
<td>1 Mobile cart</td>
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<tr>
<td>24-153</td>
<td>1 Mobile cart</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Notes
- AFF Above finished floor FD Floor drain KEK Kitchen Equip. Contractor
- BFF Below finished floor FFD Funnel floor drain KW Kilowatt
- BTC Branch to connection FHW Fahrenheit hot water MBTU BTU per hour/1000
- C&P Cord & plug provided FS Floor sink MUA Make-up air
- CFM Cubic feet per minute G Gas PC Plumbing Contractor
- CR Condensate return GC General Contractor QD Quick disconnect
- DFA Drop from above HP Horsepower SR Single receptacle
- DR Duplex receptacle HW Hot water SS Steam supply
- EEC Electrical contractor H&CW Hot & cold water W Waste (direct connection)