

ADDENDUM NUMBER SIX

Date: November 26, 2012

To: Bidders

From: **Jenkins•Peer Architects**
Charlotte, N.C.

Re: USC Discovery I – 1st, 3rd, 4th, 5th Floors Upfit
University of South Carolina
JPA Project 11USC396
SC-OSE Project H27-6080-CA

NOTICE TO BIDDERS:

Bidder is hereby notified that this Addendum shall hereby become a part of the Contract Documents, and shall be attached to the Project Manual for the Project.

The following items are intended to revise and clarify the Drawings and the Project Manual. The bidder shall see that his Sub-Bidders are in full receipt of the information contained herein.

General:

This addendum includes the following groups and subsequent “items” referring to various parts of the Contract Documents. Note that some “items” may refer to Bulletin Drawings, which are attached at the back of the Addenda.

Special Notes:

Bid Period has been extended with a new bid date.

The 8 1/2x11 narrative and cover pages for Addendum #5 were not posted electronically with the drawings in Addendum #5. These documents have been included in this addendum.

SUMMARY

PROJECT MANUAL:

PROCUREMENT AND CONTRACTING REQUIREMENTS (2) ITEMS

Addendum #5 is included.
New Bid Date is included.

SPECIFICATION DIVISIONS (0) ITEMS

DRAWINGS:

ARCHITECTURAL DRAWINGS (0) ITEMS

- Architectural -0- Drawing Sheets enclosed

STRUCTURAL DRAWINGS (0) ITEMS

- Structural -0- Drawing Sheets enclosed

LAB FURNISHINGS **(0) ITEMS**

- Lab Furnishings -0- Drawing Sheets enclosed

MECHANICAL DRAWINGS **(0) ITEMS**

- Mechanical -0- Drawing Sheets enclosed

ELECTRICAL DRAWINGS **(0) ITEMS**

- Electrical -0- Drawing Sheets enclosed

PLUMBING DRAWINGS **(0) ITEMS**

- Plumbing -0- Drawing Sheets enclosed

FIRE PROTECTION DRAWINGS **(0) ITEMS**

- Fire Protection -0- Drawing Sheets enclosed

END OF SUMMARY

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

Item No. 1 – Add the following to the Bid Documents:

Addendum #5 Include the attached cover pages and narrative for Addendum #5 and all effects in bid. (Pages 1-8) By acknowledging Addendum #6, bidders are acknowledging the inclusion and effects of the narrative for Addendum #5.

Item No. 2 – Extension of Bid Period and new Bid date.

New Bid date: The bid period has been extended. The new bid date is:

Monday December 3rd, 2012 at 2pm.
(Location of bid opening is unchanged)

END OF ADDENDUM #6

ADDENDUM NUMBER FIVE

Date: November 21, 2012

To: Bidders

From: **Jenkins•Peer Architects**
Charlotte, N.C.

Re: USC Discovery I – 1st, 3rd, 4th, 5th Floors Upfit
University of South Carolina
JPA Project 11USC396
SC-OSE Project H27-6080-CA

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The bidder shall see that his Sub-Bidders are in full receipt of the information contained herein.

General:

This addendum includes the following groups and subsequent “items” referring to various parts of the Contract Documents. Note that some “items” may refer to Bulletin Drawings, which are attached at the back of the Addenda.

SUMMARY

PROJECT MANUAL:

PROCUREMENT AND CONTRACTING REQUIREMENTS (2) ITEMS

Revised Bid Form SE330 is included
27 RFI responses are included.

SPECIFICATION DIVISIONS (18) ITEMS

DRAWINGS:

ARCHITECTURAL DRAWINGS (1) ITEM

- Architectural -1- Drawing Sheets enclosed

STRUCTURAL DRAWINGS (0) ITEMS

- Structural -0- Drawing Sheets enclosed

LAB FURNISHINGS (1) ITEM

- Lab Furnishings -2- Drawing Sheets enclosed

MECHANICAL DRAWINGS **(2) ITEMS**

- Mechanical -1- Drawing Sheets enclosed
Revision Narrative enclosed

ELECTRICAL DRAWINGS **(2) ITEMS**

- Electrical -10- Drawing Sheets enclosed

PLUMBING DRAWINGS **(0) ITEMS**

- Plumbing -0- Drawing Sheets enclosed

FIRE PROTECTION DRAWINGS **(0) ITEMS**

- Fire Protection -0- Drawing Sheets enclosed

END OF SUMMARY

DIVISION 00 – PROCUREMENT AND CONTRACTING REQUIREMENTS

Item No. 1 - Replace the following sections in it's entirety:

00 40 00 Standard Bid Form (SE-330)

Item No. 2 – Narrative Responses to Requests For Information

The following items shall take precedence over the drawings and specifications for the above named project and shall become a part of the contract documents. Provide all labor, materials, and equipment to accommodate the revisions. 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 superseded hereby, the provisions of such item not specifically amended, voided or superseded shall remain in effect.

1. It appears there is no demolition work shown on the 1st floor sheet AD1.01 except for some floor cut for drainage piping noted at Mechanical Room 122. Please confirm this is the only demolition work required at the 1st floor sheet AD1.01.
Response: There are other items noted near Steril 113C.

2. There is a note on a wall on sheet AD1.03 between column lines P and Q and column lines 2 and 3 that states to remove 2 layers of 5/8” GWB on the south side of the wall. This same wall is labeled with note 1 which states to remove the entire shaft wall. Which note is correct at this location?
Response: The note to remove the 2 layers of 5/8” GWB is deleted. Also, A1.03 has been revised with new shaft wall shown at this location.

3. Note 1 on the demolition plans states to remove shaft walls. Note 10 states to remove shaft. What is the difference in the scopes of work for these 2 notes?
Response: Note 10 refers to permanent removal of shaft walls to accommodate layout. Note 1 generally refers to removal of shaft walls in order to accommodate MEP work within the shaft. G.C. has the option to determine that less shaft removal is required than what is shown in order to accommodate the work. If practical and compatible, runner tracks can also be left in place and reused. (disturbs less fireproofing)

4. It is noted on sheet A1.03 that window shading at Lab 327 is to provided in the base bid. No shade type (S1, S2, SF) is labeled at these windows. Please provide shade type if window shading is to be provided at this area.
Response: Please refer to addendum #4.

5. Do the shaded area on the windows shown on A4.01 indicate spandrel panels? Would only the shaded areas receive the Specialty Film where “SF” is labeled on the plans?
Response: Please refer to addendum #4.

6. At windows that span floor to floor (type 6 for example) does the window shading extend floor to floor as well?
Response: Please refer to addendum #4.

7. At windows where both S1 or S2 AND SF are indicated does the entire window receive both window shading and film? If not please clarify.
Response: Please refer to addendum #4.

8. Note 5 on sheets A1.03, A1.04 and A1.05 states “ALL EXISTING EXTERIOR WALLS FINISHED WITH 5/8” GWB U.N.O.”. Does this note mean that the 5/8” gypsum board at these location is existing or is new 5/8” GWB to be installed on the existing wall framing?
*Response: There are existing insulated metal stud exterior walls with no interior finish. **New finished 5/8” gyp. wallboard shall be provided and installed as a part of this project.** The wallboard shall extends from 1/2” above the floor to deck above. When structural members are very close to the exterior wall, gypsum board shall extend behind existing members to the extent practical.*
9. Partition type 7 is dimensioned as if it should be an 8” metal stud wall but the studs are labeled as 6”. Should partition type 7 consist of 6” or 8” studs?
Response: Drawing A6.01 Partition Type 7 - Note is revised to read ‘8” metal studs @ 16” o.c.’
10. Wall type 5 is labeled at two existing wall locations on sheet A1.04 between column lines P and Q. Please clarify is these are new or existing walls.
Response: These shaft walls are noted on AD1.04 to be demolished. (To accommodate MEP work) New shaft walls of wall type 5 shall be installed in the same place once the work is completed. Note that near column line 3, tag should be on the south wall of the shaft (also see response 2 above)
11. What is the required gauge for metal stud framing?
Response: Provide metal framing materials per specification section 09 21 16 paragraph 2.2 B.
12. There is no spacing indicated for the steel C-H studs or steel J-runners at the horizontal shaft enclosures shown on A8.04. Please provide this information.
Response: Space studs & J runners at min. 16” o.c. or closer as required to meet specification section 09 21 16 requirements.
13. Please provide a detail for the Camera Mount Track Unistrut with a swinging arm.
Response: Please refer to specification section 11710 Fixed Laboratory Equipment, paragraph 2.4 ‘CMT: Camera Mount Track’ for parts specifications, mounting and configuration information.
14. I was unable to locate any projection screens on the plans. Are any required?
Response: There are no projection screens in the project. Specification section 11 52 13 Projection Screens has been deleted below.
15. Item #31 on the floor plan is a new fire extinguisher cabinet. I do not see fire extinguisher cabinets noted on the floor plans. Are any required?
Response: Fire extinguishers and cabinets are shown on Sheet LS1.01 & LS1.02. Please note that first floor are existing to remain, other floors are existing to remain (EX.), relocated existing cabinets (RELO) and new (NEW) as designated next to FE or FEC symbol. Please also note that there is one new location that is partially obscured outside PROC 309 on LS1.01.
16. Plan page LF1.03A has PL in a rectangular box shown fourteen times. What does this stand for and who has responsibility?
Response: PL in a rectangular box on a work surface designates that the work surface is Plastic Laminate.
17. Spec section 117000 Health Care Equipment calls for OFCI equipment and refers to an equipment schedule on the drawings. Where is this schedule located? The only OF schedule I see is OFOI.

Response: There are not OFCI Health Care Equipment items in the project. Section 117000 Health Care Equipment is deleted below.

18. Plan page elevation LF2.01/11 shows a WP. Plan page LF1.03A does not show a WP in the corresponding location. Is one required?

Response: Yes. LF103A is has been revised and included in this addendum.

19. Plan page elevation LF2.02/6 shows an ice maker. Plan page LF1.03B does not show an ice maker in the corresponding location. Is one required?

Response: Yes. LF103B has been revised and included in this addendum.

20. Tag number BSC4 is found in both Contractor Furnished and Constructor Installed and in Owner Furnished and Owner Installed. Please identify the rooms where you would like the contractor to furnish and install the BSC4.

*Response: BSCs (all equipment) tagged in a **hexagon are CFCI**. BSCs tagged in an **oval are OFOI**.*

21. DIV 11 Page 11601-6: "3. Sterilizer Chamber interior dimensions. 24" W x 36" H x 72" L." "Threshold plate to facilitate rack loading (gap between pit edge and chamber shall not exceed ¾")." " Chamber bottom shall align with finished floor." This model sterilizer is not pit mounted, it should be floor mounted. To have this size chamber floor to be flush with the finished floor, the controls would be at knee height.

Response: Revision to Specification section 11601 is included below.

22. The specs call for FRP ductwork. Can you please clarify what ducts will be required to be FRP?

Response: Please refer to specification section 233110, 2.7 DUCTWORK, A, 7 and drawing M1.03. The Perchloric Acid Hood is located in PC Hood Lab 308A.

23. Can we use the toilets on the shell floors? We will be demolishing the sheetrock ceilings to do mechanical work so the rooms will be dirty.

Response: Existing toilet rooms will not be used by construction forces. Demolition beyond the small amount shown on mechanical demolition sheet is not anticipated.

24. You mentioned dustproof partitions during the walk through but I can't find any on the plans. Where are they located?

Response: G.C. shall provide means of protecting existing finishes, furniture, computers and other owner items on the occupied second floor during overhead work. It is anticipated that this may include zipwalls and other measures to control migration of dust and moisture. The means and methods will be up to the G.C., but provisions should be made.

25. The specifications reference impact rated sheetrock, but I don't see on the details where the material is to be located.

Response: Please refer to Specification section revision below.

26. Specification 11 70 00, Healthcare Equipment, calls for the GC to install owner supplied equipment and reference a schedule on the drawings. I can find no schedule. Where is it located?

Response: Reference response for item #17 above.

27. There is a glass vision panel called for at the animal MRI machine. This does not show up on the architectural plans. Is this window already installed?

Response: Glass vision panel noted on LF1.01A in the animal MRI room is existing to remain.

SPECIFICATIONS

Item No. 1 – Section 08 87 16 Specialty Film For Glazing

Paragraph 2.1 A – Revised to read the following:

- A. Basis of Design: LLumar RMS-PS2 Decorative Frost Film with the following performance characteristics when applied to the interior surface:
- Total Solar Reflectance: 57 percent.
 - Total Solar Absorptance: 30 percent.
 - Visible Light Transmission: 16 percent.
 - Ultraviolet Rejection: 99 percent.
 - Film thickness: 0.002 inches
 - Film Color: Silver

Item No. 2 – Section 08 87 16 Specialty Film For Glazing

Paragraph 2.1 B 3. – Add the following:

3. Pro-tint, Inc.

Item No. 3 – Section 09 21 16, 2.1 – GYPSUM BOARD ASSEMBLIES

Paragraph 2.1 Add the following:

- E. Impact Resistant Assemblies: The following spaces (only) shall incorporate impact rated wallboard in the scheduled wall assemblies: Elev. Lobby H304, Steril. 336, Vest 337, IC 337A, Animal Res. 337B, IC 337C

Item No. 4 – Section 10 11 01 Visual Display Boards

Paragraph 2.1, A – This is an approval of the manufacturer and does not relieve the bidder from adhering to the drawings and specifications. Add the following:

6. Aarco Products Inc.: www.aarco.com

Item No. 5 – Section 10 11 01 Visual Display Boards

Paragraph 2.2 A 10. – Revised to read the following:

10. Use the following or any equivalent made by one of the listed manufacturers: “LCSII” series manufactured by Claridge. Owner/Architect shall have the choice of either low gloss or high gloss face sheet.

Item No. 6 – Section 11 52 13 Projection Screens

Delete this section in its entirety.

Item No. 7 – Section 11610 Fixed Vivarium Equipment

Paragraph 2.1 ST-2 Vivarium Steam Sterilizer, D – Add the following:

- D. Units manufactured by Primus Sterilizer Company LLC shall be considered equal provided they meet the requirements of this specification.

Item No. 8 – Section 11610 Fixed Vivarium Equipment

Paragraph 2.1 ST-2 Vivarium Steam Sterilizer, A, 3. – Delete the following:

3. ... Provide adjustable legs and an integral threshold plate to facilitate rack loading (gap between pit edge and chamber shall not exceed 3/4"). Chamber bottom shall align with finished floor +/-1/32"...

Item No. 9 – Section 11610 Fixed Vivarium Equipment

Paragraph 2.1 ST-2 Vivarium Steam Sterilizer, A, 4, b. – Delete the following:

b. Port and all related components for VHP/Chlorine dioxide decontamination.

Item No. 10 – Section 11 70 00 Healthcare Equipment

Delete this section in its entirety.

Item No. 11 – Section 11710 Fixed Laboratory Equipment

Paragraph 2.5, E – This is an approval of the manufacturer and does not relieve the bidder from adhering to the drawings and specifications. *Add* the following:

E. Unit(s) manufactured by Labconco shall be considered equal provided they meet the requirements of this specification. www.labconco.com

Item No. 12 – Section 230550 –VARIABLE FREQUENCY DRIVES (VFD

Add Danfoss as an approved manufacturer. This is an approval of the manufacturer and does not relieve the bidder from adhering to the drawings and specifications.

Item No. 13 – Section 233110 -AIR DISTRIBUTION

Add Pottorff as an approved manufacturer for dampers. This is an approval of the manufacturer and does not relieve the bidder from adhering to the drawings and specifications.

Item No. 14 – Section 233110 -AIR DISTRIBUTION

Paragraph 2.7, A, Add Turn Key Duct Systems as an approved manufacturer for the spiral ductwork. This is an approval of the manufacturer and does not relieve the bidder from adhering to the drawings and specifications,

Item No. 15 – Section 220500 -PLUMBING

Add Zurn as an approved manufacturer for P-3 and P-4 faucets. This is an approval of the manufacturer and does not relieve the bidder from adhering to the drawings and specifications.

Item No. 16 – Section 220500 -PLUMBING

Add Zurn as an approved manufacturer for acid waste piping. This is an approval of the manufacturer and does not relieve the bidder from adhering to the drawings and specifications.

Item No. 17 – Section 230530, 2.2, I –BASIC MATERIALS AND METHODS

Add following to the piping identification list.

Service - Acid Waste Piping Color - Stencil Identification – Acid Waste

Item No. 18 – Section 230530, 2.3 –BASIC MATERIALS AND METHODS

Add Zurn as an approved manufacturer for acid waste piping. This is an approval of the manufacturer and does not relieve the bidder from adhering to the drawings and specifications.

DRAWINGS

ARCHITECTURAL

Item No. 1 – Replace the following drawing in its entirety:

A1.03 THIRD FLOOR PLAN

LAB FURNISHINGS

Item No. 1 – Replace the following drawings in their entirety:

LF1.03A 3RD FLOOR – LABORATORY EQUIP. PLAN

LF1.03B PART 3RD FLOOR – LABORATORY EQUIP. PLAN

MECHANICAL

Item No. 1 – Replace the following drawing in its entirety:

M5.04 MECHANICAL SCHEMATICS

Item No. 2 – Description of MEP revisions attached

ELECTRICAL

Item No. 1 – Replace the following drawings in their entirety:

ED1.03 ELECTRICAL THIRD FLOOR DEMOLITION PLAN

E1.01 ELECTRICAL FIRST FLOOR PLAN POWER NEW WORK

E1.03 ELECTRICAL THIRD FLOOR PLAN POWER NEW WORK

E1.03A ELECTRICAL THIRD FLOOR ABOVE CEILING PLAN POWER NEW WORK

E1.03b ALTERNATE 3 – ELECTRICAL THIRD FLOOR PLAN POWER NEW WORK

E1.06 ELECTRICAL ROOF PLAN POWER NEW WORK

E5.01 ELECTRICAL SINGLE LINE DIAGRAM

E6.02 ELECTRICAL PANEL SCHEDULES

E6.03 ELECTRICAL PANEL SCHEDULES

E6.04 ELECTRICAL PANEL SCHEDULES

Item No. 2 – Description of MEP revisions attached

END OF ADDENDUM #5

**SE-330 – LUMP SUM BID
BID FORM**

Bidders shall submit bids on only Bid Form SE-330.

BID SUBMITTED BY: _____
(Bidder's Name)

BID SUBMITTED TO: University of South Carolina
(Owner's Name)

FOR PROJECT: PROJECT NAME Discovery 1st, 3rd, 4th, 5th Floors Upfit
PROJECT NUMBER H27-6080-CA

OFFER

§ 1. In response to the Invitation for Construction Bids and in compliance with the Instructions to Bidders for the above-named Project, the undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a Contract with the Owner on the terms included in the Bidding Documents, and to perform all Work as specified or indicated in the Bidding Documents, for the prices and within the time frames indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

§ 2. Pursuant to Section 11-32-3030(1) of the SC Code of Laws, as amended, Bidder has submitted Bid Security as follows in the amount and form required by the Bidding Documents:

- Bid Bond with Power of Attorney Electronic Bid Bond Cashier's Check

(Bidder check one)

§ 3. Bidder acknowledges the receipt of the following Addenda to the Bidding Documents and has incorporated the effects of said Addenda into this Bid:

ADDENDUM No: _____

§ 4. Bidder accepts all terms and conditions of the Invitation for Bids, including, without limitation, those dealing with the disposition of Bid Security. Bidder agrees that this Bid, including all Bid Alternates, if any, may not be revoked or withdrawn after the opening of bids, and shall remain open for acceptance for a period of 60 Days following the Bid Date, or for such longer period of time that Bidder may agree to in writing upon request of the Owner.

§ 5. Bidder herewith offers to provide all labor, materials, equipment, tools of trades and labor, accessories, appliances, warranties and guarantees, and to pay all royalties, fees, permits, licenses and applicable taxes necessary to complete the following items of construction work:

§ 6.1 BASE BID WORK *(as indicated in the Bidding Documents and generally described as follows):* _____,

_____, which sum is hereafter called the Base Bid.

(Bidder - insert Base Bid Amount on line above)

**SE-330 – LUMP SUM BID
BID FORM**

§ 6.2 BID ALTERNATES - as indicated in the Bidding Documents and generally described as follows:

ALTERNATE # 1 (Brief Description): GLAZED TRANSOM ALTERNATE. Substitute frames with additional glazing per applicable glazing elevations and details on sheet A3.12a. Delete offsetting area of painted metal stud/gypsum wallboard. assemblies.

ADD TO or DEDUCT FROM BASE BID: _____

(Bidder to Mark appropriate box to clearly indicate the price adjustment offered for each alternate)

ALTERNATE # 2 (Brief Description): ROOM DIVIDER ALTERNATE: Substitute motorized upward folding partition for manual Operable Partition as shown on sheet A9.04a. Add and/or delete metal stud/gypsum wallboard partition and bulkhead assemblies as indicated. Provide associated electrical devices, power and fireprotection changes as shown on applicable drawings.

ADD TO or DEDUCT FROM BASE BID: _____

(Bidder to Mark appropriate box to clearly indicate the price adjustment offered for each alternate)

ALTERNATE # 3 (Brief Description): LAB 327 UPFIT ALTERNATE: Upfit interior spaces 327, 327A, 327B, 327C, H307 within extents indicated A1.03a and applicable MEPFP and Lab furnishing drawings. Provide and install partitions, flooring, ceilings, finishes, doors, frames and specialties. Provide systems indicated in mechanical, electrical, plumbing, fire protection lab equipment and furnishing drawings.

ADD TO or DEDUCT FROM BASE BID: _____

(Bidder to Mark appropriate box to clearly indicate the price adjustment offered for each alternate)

**SE-330 – LUMP SUM BID
 BID FORM**

§ 7. LISTING OF PROPOSED SUBCONTRACTORS PURSUANT TO SECTION 3020(b)(i), CHAPTER 35, TITLE 11 OF THE SOUTH CAROLINA CODE OF LAWS, AS AMENDED – (See Instructions on the following page BF-2A)

Bidder shall use the below-listed Subcontractors in the performance of the Subcontractor Specialty work listed:

SUBCONTRACTOR SPECIALTY By License Classification and/or Subclassification (Completed by Owner)	SUBCONTRACTOR'S PRIME CONTRACTOR'S NAME (Must be completed by Bidder) BASE BID	SUBCONTRACTOR'S PRIME CONTRACTOR'S SC LICENSE NUMBER
Air Conditioning		
Heating		
Electrical		
Plumbing		
ALTERNATE 1		
NA	NA	NA
ALTERNATE 2		
NA	NA	NA
ALTERNATE 3		
NA	NA	NA

If a Bid Alternate is accepted, Subcontractors listed for the Bid Alternate shall be used for the work of both the Alternate and the Base Bid work.

INSTRUCTIONS FOR SUBCONTRACTOR LISTING

1. Section 7 of the Bid Form sets forth a list of subcontractor specialties for which bidder is required to identify by name the subcontractor(s) Bidder will use to perform the work of each listed specialty. Bidder must identify only the subcontractor(s) who will perform the work and no others.
2. For purposes of subcontractor listing, a Subcontractor is an entity who will perform work or render service to the prime contractor to or about the construction site. Material suppliers, manufacturers, and fabricators that will not perform physical work at the site of the project but will only supply materials or equipment to the bidder or proposed subcontractor(s) are not subcontractors and Bidder should not insert their names in the spaces provided on the bid form. Likewise, Bidder should not insert the names of sub-subcontractors in the spaces provided on the bid form but only the names of those entities with which bidder will contract directly.
3. Bidder must only insert the names of subcontractors who are qualified to perform the work of the listed specialties as specified in the Bidding Documents and South Carolina Licensing Laws.
4. If under the terms of the Bidding Documents, Bidder is qualified to perform the work of a specialty listed and Bidder does not intend to subcontract such work but to use Bidder's own employees to perform such work, the Bidder must insert its own name in the space provided for that specialty.
5. If Bidder intends to use multiple subcontractors to perform the work of a single specialty listing, Bidder must insert the name of each subcontractor Bidder will use, preferably separating the name of each by the word **“and”**. If Bidder intends to use both his own employees to perform a part of the work of a single specialty listing and to use one or more subcontractors to perform the remaining work for that specialty listing, bidder must insert his own name and the name of each subcontractor, preferably separating the name of each with the word **“and”**.
6. Bidder may not list subcontractors in the alternative nor in a form that may be reasonably construed at the time of bid opening as a listing in the alternative. A listing that requires subsequent explanation to determine whether or not it is a listing in the alternative is non-responsive. If bidder intends to use multiple entities to perform the work for a single specialty listing, bidder must clearly set forth on the bid form such intent. Bidder may accomplish this by simply inserting the word **“and”** between the name of each entity listed for that specialty. Owner will reject as non-responsive a listing that contains the names of multiple subcontractors separated by a blank space, the word **“or”**, a virgule (that is a /), or any separator that the Owner may reasonably interpret as a listing in the alternative.
7. If Bidder is awarded the contract, bidder must, except with the approval of the owner for good cause shown, use the listed entities to perform the work for which they are listed.
8. If bidder is awarded the contract, bidder will not be allowed to substitute another entity as subcontractor in place of a subcontractor listed in Section 7 of the Bid except for one or more of the reasons allowed by the SC Code of Laws.
9. Bidder's failure to insert a name for each listed specialty subcontractor will render the Bid non-responsive.

**SE-330 – LUMP SUM BID
BID FORM**

§ 8. LIST OF MANUFACTURERS, MATERIAL SUPPLIERS, AND SUBCONTRACTORS OTHER THAN SUBCONTRACTORS LISTED IN SECTION 7 ABOVE (FOR INFORMATION ONLY): Pursuant to instructions in the Invitation for Bids, if any, Bidder will provide to Owner upon the Owner's request and within 24 hours of such request, a listing of manufacturers, material suppliers, and subcontractors, other than those listed in Section 7 above, that Bidder intends to use on the project. Bidder acknowledges and agrees that this list is provided for purposes of determining responsibility and not pursuant to the subcontractor listing requirements of SC Code Ann § 11-35-3020(b)(i).

§ 9. TIME OF CONTRACT PERFORMANCE AND LIQUIDATED DAMAGES

a. **CONTRACT TIME:** Bidder agrees that the Date of Commencement of the Work shall be established in a Notice to Proceed to be issued by the Owner. Bidder agrees to substantially complete the Work within 292 calendar days from the Date of Commencement, subject to adjustments as provided in the Contract Documents.

b. **LIQUIDATED DAMAGES:** Bidder further agrees that from the compensation to be paid, the Owner shall retain as Liquidated Damages the sum of \$750.00 for each calendar day the actual construction time required to achieve Substantial Completion exceeds the specified or adjusted time for Substantial Completion as provided in the Contract Documents. This sum is intended by the parties as the predetermined measure of compensation for actual damages, not as a penalty for nonperformance.

§ 10. AGREEMENTS

- a. Bidder agrees that this bid is subject to the requirements of the law of the State of South Carolina.
- b. Bidder agrees that at any time prior to the issuance of the Notice to Proceed for this Project, this Project may be canceled for the convenience of, and without cost to, the State.
- c. Bidder agrees that neither the State of South Carolina nor any of its agencies, employees or agents shall be responsible for any bid preparation costs, or any costs or charges of any type, should all bids be rejected or the Project canceled for any reason prior to the issuance of the Notice to Proceed.

§ 11. ELECTRONIC BID BOND

By signing below, the Principal is affirming that the identified electronic bid bond has been executed and that the Principal and Surety are firmly bound unto the State of South Carolina under the terms and conditions of the AIA Document A310, Bid Bond, included in the Bidding Documents.

Electronic Bid Bond Number: _____

Signature and Title: _____

**SE-330 – LUMP SUM BID
BID FORM**

BIDDER'S TAXPAYER IDENTIFICATION

FEDERAL EMPLOYER'S IDENTIFICATION NUMBER: _____

OR

SOCIAL SECURITY NUMBER: _____

CONTRACTOR'S CLASSIFICATIONS AND SUBCLASSIFICATIONS WITH LIMITATIONS

Classification(s) & Limits: _____

Subclassification(s) & Limits: _____

SC Contractor's License Number(s): _____

BY SIGNING THIS BID, THE PERSON SIGNING REAFFIRMS ALL REPRESENTATIONS AND CERTIFICATIONS MADE BY BOTH THE PERSON SIGNING AND THE BIDDER, INCLUDING WITHOUT LIMITATION, THOSE APPEARING IN ARTICLE 2 OF THE INSTRUCTIONS TO BIDDER. THE INVITATION FOR BIDS, AS DEFINED IN THE INSTRUCTIONS TO BIDDERS, IS EXPRESSLY INCORPORATE BY REFERENCE.

SIGNATURE

BIDDER'S LEGAL NAME: _____

ADDRESS: _____

BY: _____
(Signature)

DATE: _____

TITLE: _____

TELEPHONE: _____

EMAIL: _____

Addendum #5 - MEP
Drawing Revision Narrative
November 21, 2012

Drawing Revisions:

1. Drawing M5.04:
 - a. Revise drawing to show addition of schematic and sequence for the emergency operation of the Vivarium and Laboratory air handling units, as indicated by Addendum No. 5, dated November 21, 2012.
2. Drawing ED1.03:
 - a. Revise drawing to remove Panel 3RPEQ Section 2, as indicated by Addendum No. 5, dated November 21, 2012.
3. Drawing E1.01:
 - a. Revise drawing to show addition of exhaust extension to existing emergency generator, as indicated by Addendum No. 5, dated November 21, 2012.
4. Drawing E1.03:
 - a. Revise drawing to show new location of Panel 3RPEQ Section 2 as indicated by Addendum No. 5, dated November 21, 2012.
 - b. Revise drawing to update circuits of emergency power equipment due to the relocation of Panel 3RPEQ Section 2, as indicated by Addendum No. 5, dated November 21, 2012.
 - c. Revise drawing to add special receptacles and change circuiting as necessary for laboratory equipment, as indicated by Addendum No. 5, dated November 21, 2012.
 - d. Revise drawing to add to note 5 to clarify mounting height of procedure lights, as indicated by Addendum No. 5, dated November 21, 2012.
5. Drawing E1.03A:
 - a. Revise drawing to update smoke damper connections to coordinate with updated mechanical drawings, as indicated by Addendum No. 5, dated November 21, 2012.
6. Drawing E1.03b:
 - a. Revise drawing to show addition of special receptacles and change circuiting, as indicated by Addendum No. 5, dated November 21, 2012.
 - b. Revise drawing to add note clarifying where normal power is fed from, as indicated by Addendum No. 5, dated November 21, 2012.
7. Drawing E1.06:
 - a. Revise drawing to show addition of electrical connection for heat trace on roof, as indicated by Addendum No. 5, dated November 21, 2012.
8. Drawing E5.01:
 - a. Revise single line diagram to reflect changes to Panels 3RPEQ, 4RPB, and 5RPB, as indicated by Addendum No. 5, dated November 21, 2012.

9. Drawing E6.02:
 - a. Update panel schedules to reflect changes in circuiting, as indicated by Addendum No. 5, dated November 21, 2012.
10. Drawing E6.03:
 - a. Update panel schedules to reflect changes in circuiting, as indicated by Addendum No. 5, dated November 21, 2012.
11. Drawing E6.04:
 - a. Update panel schedules to reflect changes in circuiting, as indicated by Addendum No. 5, dated November 21, 2012.