

ADDENDUM #1

UNC Charlotte – South Village Dinning Facility

Early Steel Package

Charlotte, NC

SCO Project #10-08633-03C

PEAPC No 44700.01

November 19, 2012

To All Bidders:

The items and attachments set forth herein shall act to qualify, clarify, or otherwise modify the Contract Documents previously issued regarding the above referenced project. These items, whether of omission, addition, substitution, or clarification, shall be incorporated into the proposals submitted by all bidders, and receipt of this document and its attachments must be acknowledged, either in the space provided on the Bid Form or on the Contractor's Form of Proposal. Failure to do so may subject the Bidder to disqualification.

Questions & Answers for Bidders

1. **Bidder Question 1:** Several bidders have requested the building elevations and the stair tower drawings for clarification purposes and to provide a complete bid.

Answer: Architectural sheets A200 and A700 from the 95% Construction Documents Building Package SCO #: 10-08633-3A are being issued "FOR REFERENCE ONLY".

2. **Bidder Question 2:** What provisions need to be included within the prefabricated bridge package for electrical conduit / raceways?

Answer: Provide ¾" minimum RMC (Roof Mounted Conduit) secured to the underside of form deck and concealed within the deck flutes. Attach conduit with pre-galvanized, two-hole conduit straps at 48" O.C. minimum from light pole base to light pole base. Cap all exposed conduits until final connections are made to the building panelboard. Provide two conduits (one for lights on each side of bridge) for two separate circuits each terminating at a junction box at the bridge expansion joint adjacent to the South Village Dining Facility. Coordinate the lamp post bracket mount size and bolt hole pattern with pole light manufacturer for secure anchorage. Provide 1" diameter hole at lamp post bracket side mounting plate and top plate for ¾" conduit to continue from the bridge to the light pole. All conduits shall be concealed from view as seen from the bridge. Light pole junction box shall be concealed inside the base of light pole fixture and not exposed on bridge.

3. **Bidder Question 3, Item #1:** There appears to be end dams on the bridge deck (detail 8/2 on sheet B102) and side dams that support the steel deck, upon which the concrete slab is placed. Concrete is 6" thick and end dam is shown as 7", so it is 1" taller than the concrete slab, thus the dams appear to hold water. Please confirm the edge angles are continuous. Also, are there any drains to be added to the concrete slab, and bridge deck, to facilitate removal of water?

Answer: Yes, the edge angles are continuous on both sides of the bridge to conceal the paver system transition to concrete slab. Provide ½" drainage holes at 24" O.C. placed above the concrete deck on the low side of sloping concrete deck.

4. **Bidder Question 3, Item #2:** Are the bridge column footings at column line P4 shown on drawing S100C included in the bridge bid package?

Answer: No, per the Structural Engineer these foundations at column line P4 are by others placed monolithically with Building Foundations.

5. **Bidder Question 3, Item #3:** Architectural plan A101a there appears to be a Mechanical room 266. Have all the frames for the floor openings been shown & coordinated with HVAC and other penetrations?

Answer: All HVAC floor openings are shown and coordinated with structural and architectural drawings.

6. **Bidder Question 3, Item #4:** Are all the roof opening frames shown?

Answer: All the major roof openings are shown for equipment. There will be some additional openings required for fans, etc. All steel bidders to include an additional twenty (20) roof opening frames up to 3ft x 3ft per detail 3/S401.

7. **Bidder Question 3, Item #5:** Detail 8/S304 indicates "Window Opening See Architectural". Need Architectural plans to indicate size and radius (if applicable) of windows.

Answer: Architectural sheets A200, A372 and A840 from the 95% Construction Documents Building Package SCO #: 10-08633-3A are being issued "FOR REFERENCE ONLY".

8. **Bidder Question 3, Item #6:** Scope of work references steel support framing for security grilles & OH Doors. Please provide details.

Answer: Architectural sheets A300, A370, A610, A800 and A841 from the 95% Construction Documents Building Package SCO #: 10-08633-3A are being issued "FOR REFERENCE ONLY".

9. **Bidder Question 4, Item #1:** Col D-14 Please clarify top of pier elevation ref S100a

Answer: elev has been corrected on S100a

10. **Bidder Question 4, Item #2:** Col G-23 S100a calls out as a W10x88 while the column schedule calls out as a W 10x68

Answer: W10x88 is correct and has been fixed on schedule

11. **Bidder Question 4, Item #3:** Col S-15 is not included in the column schedule

Answer: S-15 has been added to the schedule

12. **Bidder Question 4, Item #4:** Col S-13 is not included in the column schedule

Answer: S-13 has been added to the schedule

13. **Bidder Question 4, Item #5:** Column schedule shows column J-5 as going full height from the ground floor to the high roof which does not match the plan ref S102b

Answer: The column stops at the floor which has been corrected on the schedule.

14. **Bidder Question 4, Item #6:** Plans for columns N-9 and N-12 show these columns stopping at the first floor, while the column schedules show these two columns running full height to the roof.

Answer: The column stops at the floor which has been corrected on the schedule.

15. **Bidder Question 4, Item #7:** Col N-9.1 does not appear on the column schedule

Answer: Col N-9.1 has been added to column schedule

16. **Bidder Question 4, Item #8:** Col N-16 plan shows a BP2 base plate while the column schedule shows BP1, please clarify

Answer: BP2 is correct which has been corrected in schedule

17. **Bidder Question 4, Item #9:** Can Stewart clarify on plan and in elevation where the skin support frames on 8/S304 occur. This is a very grey area for a hard bid situation.

Answer: The support frames are called out on plan at openings over 10feet. Refer to architect drawings for dimensions.

18. **Bidder Question 4, Item #10:** Detail 11/S402 cut along 17 line on S101a does not exist.

Answer: Section mark has been deleted as it isn't applicable at this location.

19. **Bidder Question 4, Item #11:** Are the HSS tube frames necessary at 25 line between G and L and also at W line between 18-21 where detail 11/S403 shows a Halfen Lintel?

Answer: The frames are not required at these locations. Reference has been deleted from plan.

20. **Bidder Question 4, Item #12:** Please verify that Halfen Lintels are not by the steel fabricator.

Answer: Halfen lintels to be by the Structural Steel Bidder under this package.

21. **Bidder Question 4, Item #13:** Please clarify that elevator guiderail supports will be by the elevator sub and not the steel fabricator. I assume they will be necessary based off of the floor to floor heights.

Answer: The elevator shaft is cast-in-place concrete. Any steel supports required by the elevator bidder not shown on in the drawings shall be provided by the elevator bidder including attachments to the shaft.

22. **Bidder Question 4, Item #14:** How is the deck to be supported at the stair tower CMU ref S101a?

Answer: The stair manufacturer will pocket the steel beams into the masonry walls.

23. **Bidder Question 4, Item #15:** Columns K-5 and C-6 are shown in plan as tubes but are shown on the schedule as W 10x33s, please clarify.

Answer: Plan has been corrected to wide flanges

24. **Bidder Question 4, Item #16:** What is the TOS for the W 14x22 ref 2/S101b?

Answer: Top of slab elevation and reference to connection has been added.

25. **Bidder Question 4, Item #17:** Is there a beam along 17 line in 2/S101b?

Answer: No, the beams are attached to embed plate in wall.

26. **Bidder Question 4, Item #18:** Detail 6/S404 references Architectural drawings for TOS, please clarify the TOS.

Answer: Top of steel 731.08

27. **Bidder Question 4, Item #19:** What is the TOS for the ridge beams ref S102a

Answer: Top of steel has been added to S102a

28. **Bidder Question 4, Item #20:** Are drain frames required in the porch areas ref S101a, S101b?

Answer: See 4/S400 for opening sizes which need frames

29. **Bidder Question 5, Item #1:** Please provide a spec or more information on the horizontal cable rail referenced in the Bridge Alternate.

Answer: See specification 05 72 00 Cable Railing Systems added in this Addendum #1

30. **Bidder Question 5, Item #2:** Does the Bridge form deck need to be painted?

Answer: Yes, paint the underside of bridge form deck to match the bridge color.

31. **Bidder Question 6:** With regards to accessing Holshouser side of the bridge to access a crane to set the section of bridge that abuts Holshouser, we must take down several trees and build a 20' wide access. We will grade the area needed and install a gravel pad to position the crane. After completion, we will remove the pad and clean up the area. The asphalt trail will most likely have to be reinstalled if you want it to be serviceable. Please confirm this is acceptable to the University.

Answer: It is acceptable for the Bridge Bidders to clear trees as needed for crane access. Bridge Bidders shall provide all misc. clearing, grading and stone pad for crane. All disturbed areas shall be returned to their original state at completion of the Work including replacing and damages to the existing asphalt trail.

32. **Bidder Question 7, Item #1:** Reference detail 6 / S404. Can the knife plate and kicker be raised to allow for the roofer to properly flash around the pipe column?

Answer: Detail as been adjusted to accommodate

33. **Bidder Question 7, Item #2:** Roof steel in detail 6/S404 to be galvanized. Please confirm this is in lieu of the Tnemec shop coating in spec section 05120 section 2.7.A.3.

Answer: See spec section 05120 section 2.7.A.4.a.5 where it indicates that galvanized is to be unprimed.

34. **Bidder Question 7, Item #3:** Spec section 05120 2.7A2 calls for commercial blast clean on items exposed to view. Are we to assume only the interior steel at the Lobby is exposed to view and subject to this requirement?

Answer: The steel at Lobby stair is encased per the Building Package details. This requirement pertains to exposed steel columns on the Lower Level in the Dining area.

35. **Bidder Question 7, Item #4:** Detail 3/S304, are masonry ties to be welded to loose lintels?

Answer: yes

36. **Bidder Question 7, Item #5:** Sheet 102a calls for HSS Frame detail 8/S304 at column line 25/H and 21/W, but the cross section 11/S403 doesn't indicate. Please confirm.

Answer: The frames are not required at these locations. Reference has been deleted from plan.

37. **Bidder Question 7, Item #6:** Alternates spec section does not list Alternate No. 2 for the horizontal railing at the Bridge. Please advise.

Answer: See specification 05 72 00 Cable Railing Systems added in this Addendum #1

38. **Bidder Question 7, Item #7:** Spec section 052100.2.5.D refers shop priming to the Exterior paint spec. We assume this is incorrect and standard joist manufacturer shop primer is acceptable.

Answer: disregard "D" and follow "C"

39. **Bidder Question 7, Item #8:** Spec section 32.34.00 paragraph 3.1.1 indicates additional dead load of 2x2 pavers. Please provide what loading should be assumed for this future paver system.

Answer: The dead loading of the pavers has already be accounted for in the bridge design.

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Specifications:

- S-1. Replace the Table of Contents with the attached up-dated copy.
- S-2. Add the following new specifications 05 72 00 Cable Railing Systems.

Drawings:

- D-1. Replace the issued Cover Sheet with attached revised Cover Sheet to include "REFERENCE" drawings to the drawing index.
- D-2. The following Structural drawings have been revised S100a, S101a, S101b, S101c, S101d, S102, S102a, S305, S401, S404, S500 and S501.
- D-3. Add new Architectural Sheets A200, A300, A370, A372, A610, A700, A800, A840 and A841 from the 95% Construction Documents Building Package SCO #: 10-08633-3A "FOR REFERENCE ONLY".

No further items are noted at this time.

SENT HEREWITH:

ITEM	DATE	QUANTITY
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Specification Sections:

Table of Contents
05 72 00, Cable Railing Systems

Drawings:

Cover Sheet, S100a, S101a, S101b, S101c, S101d, S102, S102a, S305, S401, S404, S500, S501, A200, A300, A370, A372, A610, A700, A800, A840 and A841.

SUBMITTED BY: Kurt Thompson

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