



U N I V E R S I T Y O F
SOUTH CAROLINA

ADDENDUM NO. 1

TO: ALL VENDORS

FROM: Reed Bickers

**SUBJECT: Request for Quotation # USC-RFQ-2120-RB, Construct Irrigation Well:
OPENING DATE AND TIME: HAS BEEN CHANGED TO WEDNESDAY,
FEBRUARY 1, 2012 AT: 11:00 A.M.**

DATE: January 23, 2012

This Addendum No. 1 modifies the Bid invitation only in the manner and to the extent as stated herein.

Item One: **SPECIFICATIONS:** Add the following: Contractor must certify that the well remains open for one year:

Questions received prior to the deadline of Friday, January 20, 2012 by 5:00 P.M. are as follows:

Question #1: Under specification item # 7, indicates the use of schedule 40 PVC 8" well casing to be used. If the well's depth is between 500' - 600' the schedule 40 PVC casing will collapse approximately at a depth of 369' below land surface. STR 17 well casing will collapse approximately 517' below land surface. We suggest the use of steel casing to accommodate the depths requested to drill. This information is based on Well Casing Collapse Chart.

Answer #1: We are casing only the upper 20 to 40 feet and leaving open hole down to the sands ~500 feet below land surface. We will drill approximately 40 feet into the sand and set screen with the remaining hole open so we can get the greatest amount of water.

Question #2: Item # 10 request that drilling be complete within 20 days after contract has been awarded. In a 30 day work schedule, for well to be complete, drilling would have to be done around the clock (multiple shifts each day) just to complete drilling in 30 days. 20 days to drill a well this size would be difficult to achieve.

Answer #2: Talking with people with a lot of drilling experience in the low country they tell me that it should not take more than 5 to 6 days to drill the well.

Question #3: Will owner be responsible for getting the permits required to do this projects (well, construction)?

Answer #3: The University will take care of permits.

Question #4: Will water analysis (Test) be required from SCDHEC or any other test be required Purchasing Department, 1600 Hampton Street Suite 600, Columbia, SC 29208 Telephone (803) 777-4115

by any other agency?

Answer #4: There will be no water testing.

Question #5: The outside diameter of 8" sch 40 pvc casing is 9.25". It is recommended to have a minimum annulus of 2" between the well casing & formation for a 8" well. The bore hole diameter would need to be 12". Therefore, you surface casing would need to be 14" in diameter.

Answer #5: The 14" is only for the surface casing down to no more than 40 feet. The hole will be open hole down to the sands and we will set approximately 40 to 60 feet of screen.

Question #6: The Grundfos pump end 135575-4 has been discontinued. What is the quantity of water & pressure you want to achieve?

Answer #6: We want to use the Grundfos pump that we have which is the 135575-4. The contractor will be responsible setting the University of South Carolina pump and wiring the pump back to surface.

Question #7: Will the electrical control panel be indoor or outdoor? There is a Nema rating that is used on electrical panes, such as, Nema 1, Nema 2, Nema 3 or Nema 4. The cost is very different between panels. Can you specify the one that is required?

Answer #7: The electrical control panel will be outside. We need Nema 3S

Question #8: Is the well site identified by a green stake in the ground with the letters " SC 02 " or is the site behind the old house?

Answer #9: The well will be located near that stake at the edge of the field. We have not staked the exact location yet.

BIDDER SHALL ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 1 IN THE SPACE PROVIDED BELOW AND RETURN IT WITH THEIR REQUEST FOR QUOTATION RESPONSE. FAILURE TO DO SO MAY SUBJECT BID TO REJECTION.

Authorized Signature

Firm

Date