

SCS ENGINEERS, P.C.

April 10, 2009
File No. 02208322.00

TO: ALL BIDDERS

SUBJECT: **ADDENDUM NO. 2**
LFG System Expansion - 2009
Welford Landfill
Spartanburg County, SC

This memorandum hereby transmits Addendum No. 2 for the above referenced project.

Addendum No. 2 provides information regarding questions from bidders on the Project Manual and associated drawings. The Addendum No. 2 information includes the following answers in bold to the submitted questions below:

1. Drawing 7. Does force main isolation valve and blow-off terminate or tie in to something?
Yes it ties into CS-H2
2. Drawing 5. 2" airline & condensate force-main. How do they connect to existing sump?
**Airline ties into existing air supply line at CS-6 with a tee into the supply line.
Condensate is pumped directly into CS-6 through a boring into the sump.**
3. Drawing 7. Where does header pipe go from 10" to 8"?
The header goes from 8" to 10" at CT-5A and at the intersection of the 8" jumper line near EW-525
4. Drawing 9 detail 1. How do extraction wells connect to laterals?
See Detail 4 on Drawing 9.
5. Section 00020-6, 4.0 states that the County may award the project to multiple contractors. Is this the case, or will the project be awarded to a single bidder?
The County reserves the right to award to a single contractor or multiple contractors depending on the needs of the project and the best interest of Spartanburg County.
6. Section 00020-11 calls out a requirement for submitting a copy of License, Insurance and EMR ratings for subcontractors to be used on the project with the bid. Can we get this requirement changed to submit these items after the notice of award and prior to construction starting instead?
This is a Spartanburg County requirement that cannot be changed.

7. There is a conflict in the specs on the project duration. See sections BP-2 and 00500-2 (75 days vs. 120 days).

Assume 120 days

8. Please reference Supplementary Conditions 00800-4, Line 4. We assume this reference is to 5.06 C, not 5.06.6. Please confirm.

Yes, it refers to 5.06 C, and not 5.06.6.

9. Please reference Supplementary Conditions 00800-4, Lines 48-55. What will be the charge to the CONTRACTOR if we work Saturdays (if there is a charge at all), so that we may account for this cost properly in our bid?

No Charge

10. Approximately where will the active face for trash disposal be located at the time of construction?

The active face will be in Phase 6 close to where the active face is now.

11. Please reference Sections 1025-1, 1.1D, and 02223-10. Will the CONTRACTOR be required to install Silt Fencing on this project, and if so what quantity should we assume so that bidders can provide similar bids?

The contractor will be responsible for silt fencing and should include that in their unit price according to how they plan to perform the work.

12. Is Dewatering expected to be necessary on portions of this project? Dewatering is mentioned several times in the specifications, and this can become a very large cost on a project depending on if well points are necessary, etc. If dewatering is going to be an issue, what area(s) of the project would this likely occur?

The contractor will need to verify if dewatering is required to meet the requirement of the specifications. At this time an expensive dewater system including well points is not expected to be required.

13. There is a conflict in the RFP on how many copies of the Bid are to be supplied (2 vs. 3). Please clarify.

Please provide 3 copies of the Bid.

14. Section 02223-2 calls out the requirement for the CONTRACTOR to procure the services of a third party CQC Agency for soils testing. This is not normally a requirement on similar type LFG projects and is usually by OWNER; can we possibly have this requirement removed from the Scope?

No

15. Section 02223-8, 9 gives compaction requirements for materials beneath roadways and out-of-waste limits, but is silent to trench bedding and backfill compaction requirements *within* the waste limits where most of our piping will be. What compaction requirements, if any, will the CONTRACTOR be held to for trench bedding and backfill within waste limits?

There are no compaction requirements for trench bedding and backfill within the waste limits. The trench bedding and backfill can be tamped in-place using a trackhoe bucket and/or a similar piece of excavation equipment.

16. Section 11200, 1.1 states that for Alternate Bid Item A an enclosure is to be supplied with the Air Compressor, but no other information is given on this enclosure. May we have a design or part number for the enclosure?

The enclosure is to be a 6'x6' garden shed on a 8'x8'x4" thick concrete pad on a compacted base. The 6'x6' garden shed shall have a weather resistant exterior and provide a dry interior with passive ventilation. The garden shed to be used is shown at lowes.com if you search for Item #102651 and Model # 194078. An approved equal can also be used. The enclosure and pad are to be included as part of the alternative bid.

17. Please reference Section 15050-3, 2.4 A.2. Please remove the language "All pipe and fittings shall be provided by one manufacturer."; the piping supplier no longer makes fittings, so we cannot purchase the piping and the fittings all from one supplier. Fittings will be purchased from Central Plastics Company and Independent Pipe Products, Inc. Both of these fittings companies make good quality fittings and we have been doing business with them for years.

This item can be addressed at the time shop drawings for the pipe and pipe fittings are submitted by the Contractor. The purpose of this specification requirement is to make sure there is compatibility between pipe and pipe fittings.

18. For purposes of receiving similar bids between the bidders, please clarify whether or not trench bedding and/or backfill will be available onsite at the potential borrow areas shown on the drawings, or if CONTRACTOR will have to procure the material from offsite. Will the Onsite material meet the required spec given on 02223-4, 1.5.B for bedding and backfill?

Borrow areas will be provided as indicated on the drawings and it is the responsibility of the contractor to determine where in the borrow areas suitable soils are located. The County has indicated that suitable soils have been recovered from these areas which are outlined on the drawings.

19. Is difficult trenching due to buried rocks or other obstructions expected to be an issue anywhere along the 12" header route?

No

20. Where will power come from to CS H-1 and CS H-2? What kind of power is existing at these locations?

CS-H1 should get power from the blower flare skid and CS-H2 will get power from the panel adjacent to the leachate pumps across the road from the CS-H2 location.

21. Where is "Point 1" as referenced on Drawing 8 of 14, Note #1?

The callout for Note 1 indicates the location of Point 1.

22. The specifications call for a minimum of 3 feet of cover over the piping, but the drawings call for a minimum of 2 feet of cover. Please clarify.

The drawings indicate minimum 2 feet of cover over the piping in the landfill, and 3 feet of cover over the piping in areas outside the landfill and in roadways.

23. Will 16 Ga corrugated metal pipe be acceptable en-lieu of 14 Ga CMP at the road crossings?

No

24. Is there any maximum downtime / interruptions allowable for the existing flare during tie-in?

No, but try to minimize the downtime and discuss your tie in plans with the engineer and CQA personnel before attempting to tie-in to the existing system.

25. Approximately how much traffic will CONTRACTOR be encountering daily along the road of the 12" header route?

The amount of traffic on the road with the 12" header route will vary daily depending on amount of waste that is disposed of in the landfill. The Contractor can approximate the traffic on this road by checking with Spartanburg County.

26. Bidder Proposal Form Page # "BP-4". It appears the Signature line may have the incorrect label there; this should be for the CONTRACTOR correct?

The Typed or Printed Name and Title above the Business Name of Bidder is where the Contractor will sign the Bid Proposal Form.

27. On drawing 4 of 14 there is a note that states "EXISTING WATER LINE AND ELECTRIC LINE ARE LOCATED ON ROAD SHOULDER BETWEEN SCALE HOUSE AND MAINTENANCE SHOP." Should CONTRACTOR assume that these lines will be along the same side of the road as the proposed 12" Header Route?

Yes and it is the contractor's responsibility to locate these lines.