

APRIL 9, 2014

BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA

ADDENDUM NO. 1, IFB Y14-1006-J2

INSTALLATION, MAINTENANCE AND MONITORING FOR LANDFILL GAS
COLLECTION FOR ORANGE COUNTY LANDFILL CELL 9 & 10

THE BID OPENING IS: APRIL 22, 2014, 2:00 P.M.

This addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are indicated by underlining, deletions are indicated by ~~striketrough~~.

1. PART I: Changes to the Bid Opening, Contact Documents, General Conditions and Supplemental Conditions.
2. PART II: Changes to the Technical Specifications
3. PART III: Changes to the Drawings
4. Part IV: Responses to Bidders Questions
5. All other terms, conditions and specifications remain the same.
6. **The Bidder shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of the bid.**

Receipt acknowledged by:

Authorized Signature

Date Signed

Title

Name of Firm

PART I: BIDDING AND CONTRACT FORMS

1. BID ITEM SCHEDULE: Y14-1006-J2-BASE YEAR
REVISE: Bid Item No. 6: 6-inch diameter Perforated HDPE Pipe (Horizontal LFG Collector ~~Gas Pipelines~~)
2. BID ITEM SCHEDULE: Y14-1006-J2-OPTION YEAR NO. 1
REVISE: Bid Item No. 38: 6-inch diameter Perforated HDPE Pipe (Horizontal LFG Collector ~~Gas Pipelines~~)
3. BID ITEM SCHEDULE: Y14-1006-J2-OPTION YEAR NO. 2
REVISE: Bid Item No. 70: 6-inch diameter Perforated HDPE Pipe (Horizontal LFG Collector ~~Gas Pipelines~~)

PART II: TECHNICAL SPECIFICATIONS

1. Section 01025 Measurement and Payment, Part 3 Execution
REVISE: Item 24, 56, 88- Condensate Sump Pumps; Measurement

Measurement: Measurement for this item shall be on a completed and installed unit basis. Condensate Sump Pumps shall be EPG SurePump with size 4 stainless steel wheeled sump drainer, ~~1/2~~ one (1) HP 460 V, 3 phase motor, 100 feet of jacketed 14-4 CP motor lead, 0-5 PSI level sensor with lighting arrestor and 100-feet of poly lead, temperature sensor with 100-foot lead and 100-feet of 1/8 inch stainless steel suspension cable and clamps.

PART III: DRAWINGS

1. **Replace:** Sheet 18 of 19 is revised. Delete existing Sheet 18 and replace with Revised Sheet 18 of 19, as included in this Addendum as attachment A.
2. **Delete:** Note No. 3 in Detail 2 Sheet 17 of 19 is deleted.

PART IV: RESPONSES TO BIDDERS QUESTIONS

1. **Where do we include the mobilization for the construction and drilling crews?**

Response: As specified in Part C, Paragraph 29, “unit prices for individual line items shall include all costs, including but not limited to, mobilization, maintenance of traffic, overhead and profit.” There is no additional line item for mobilization.

2. How many mobilizations per year are anticipated for the well drilling, gas piping and leachate recirculation piping?

Response: There is no guaranteed minimum annual amount of work for Tasks 1, 2, 3 and 4 in this contract. Typically, horizontal LFG collectors have been installed every 3-4 months. Vertical well drilling is anticipated once a year. The installation of leachate recirculation piping has not yet been conducted. Task 5 for routine operation and monitoring of the LFG collection and Control system requires the Contractor to perform the work at least once per week.

3. Will the well locations require benching?

Response: The Contractor is responsible for leveling the areas for access to their drill rig and restore site after completion.

4. Please clarify what type of gravel FDOT #4 or FDOT #5 for the landfill gas wells?

Response: Please see this Addendum, Part III, Paragraph 1.

5. Please clarify what type of gravel FDOT #4, FDOT #5 or tire chips for the horizontal landfill gas wells and the leachate recirculation trenches?

Response: Details 1 and 6 on Sheets 17 and 18 are correct. On Detail 7 the note "Gravel packing –non limestone FDOT No. 5" shall be deleted and replaced with "Tire Chips"

6. Are there any gravel or tire chips available for the contractor's use on site?

Response: No. The Contractor may store tire chips and/or gravel on site in a designated area. County will take no responsibility for the contractor's stockpile.

7. Please indicate the borrow pit for cover soils for this project?

Response: It is the Contractors responsibility to provide cover material from off-site sources.

8. Can onsite materials be used as pipe bedding materials?

Response: No. See response to 7.

9. For the stainless backup rings and fasteners please clarify whether we are to use 304 or 316 stainless steel?

Response: SS-304 is acceptable.

10. How deep are the existing gas header lines that we tie into?

Response: Please see Detail 13 for approximate depth of existing header pipes.

11. On the vertical wells do you want a cap or blind flange assembly? Detail 2 on sheet 17 of 19 say well cap detail and note 2 says HDPE flange?

Response: Note No. 3 in Detail 2 is deleted. Please see Part III, Paragraph 2 this Addendum.

12. On the horizontal collectors the bid form item 6 say 6" HDPE pipe and Detail 7 on sheet 18 of 19 say 8" HDPE?

Response: The perforated pipes for the horizontal collectors are 6-inch diameter. Detail 7 has been revised. Please see revised Sheet 18 of 19 attached.

13. How many horizontals do you expect to install per year?

Response: Please see response to question No. 2 above.

14. How many wells do you expect to install per year?

Response: Please see response to question No. 2 above.

15. How do we keep material prices especially the HDPE pipe pricing good for 3 years?

Response: Bidders are solely responsible for all submitted prices.

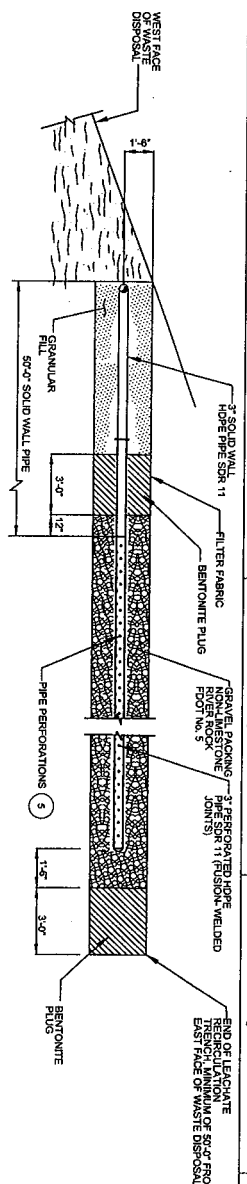
16. On the horizontal gas collector detail on sheet 18 it show 100 feet of solid pipe per collector. Which line item should this footage be included?

Response: It is included in 6-inch Perforated HDPE Pipe (Horizontal LFG Collector)

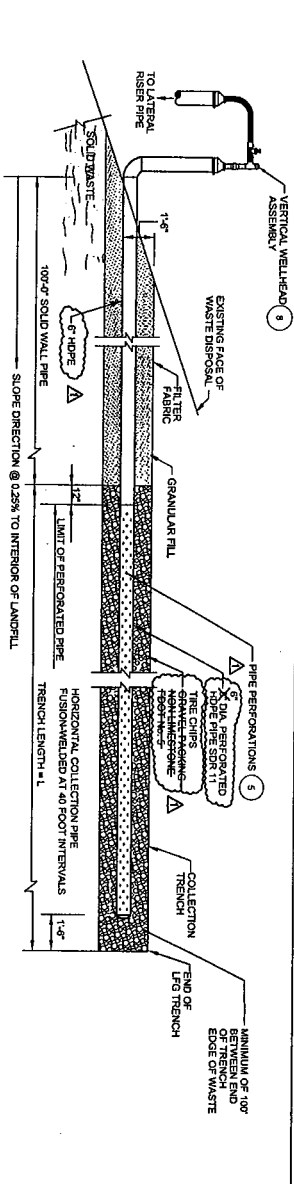
17. Is there a detail for bid items 20 and 21?

Response: The details for the terrace inlets are included in Details 9 and 10 on sheet 19

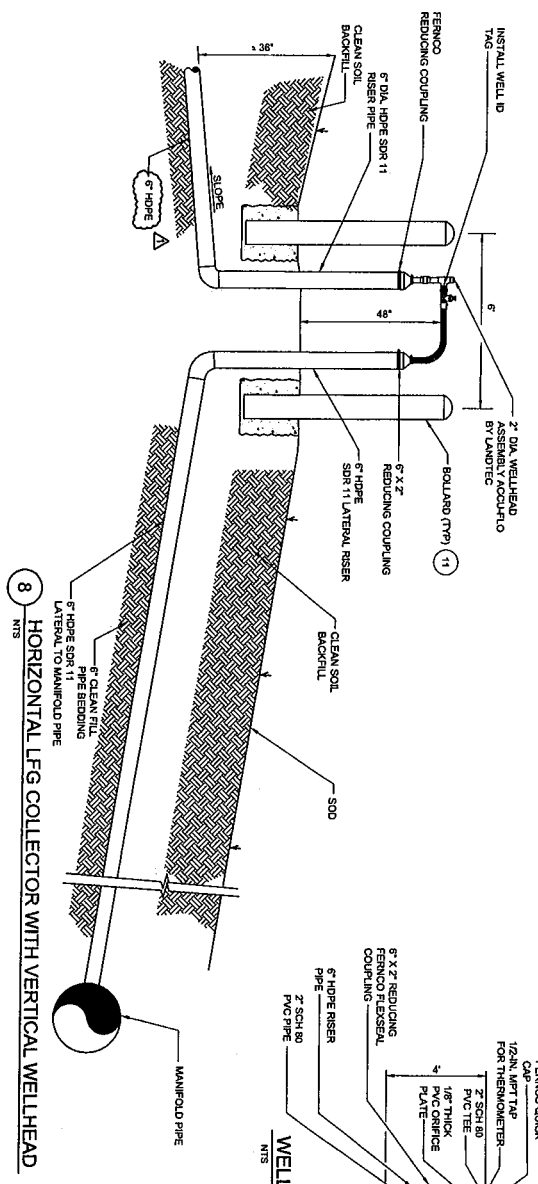
*** * END OF ADDENDUM NO. 1 * * ***



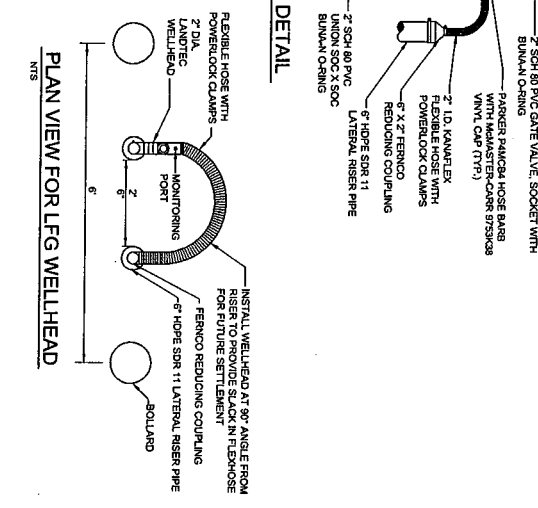
6 LEACHATE RECIRCULATION DISTRIBUTION TRENCH DETAIL



7 HORIZONTAL LANDFILL GAS COLLECTOR DETAIL



8 HORIZONTAL LFG COLLECTOR WITH VERTICAL WELLHEAD



DATE: 12/13/2013
 TIME: 10:00 AM
 PROJECT: SES CELLS 9-10 CLOSURE
 SHEET: 18 OF 19

CH2MHILL. CIVIL DETAILS ATTACHMENT A TO ADDENDUM 1		NEEL-SCHAFFER SOLUTIONS YOU CAN BUILD UPON SES CELLS 9-10 CLOSURE OC SOLID WASTE MANAGEMENT FACILITY UTILITIES SOLID WASTE DIVISION ORANGE COUNTY, FLORIDA		1 4/2014 ADDENDUM NO. 1 NO. DATE REVISION DSGN MSB DR DS CHK KRC APVD MSB		RB BY APVD	
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