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Invitation to Bid (ITB) No. 18-101041 – Seminole Road Landfill Cell Construction, Phase 3, Unit 2, Cells 1&2

**March 12, 2019**

**TO:** All Bidders under Invitation to Bid (ITB) No. 18-101041  
**FROM:** Department of Purchasing and Contracting, DeKalb County, Georgia

## **ADDENDUM NO. 2**

**ITB No. 18-101041 – Seminole Road Landfill Cell Construction, Phase 3, Unit 2; Cells 1&2**, is hereby amended.

**Section A.** The following questions were submitted and received pertaining to this ITB; the County's responses are as follows:

1. Please clarify Drawing No. 9 detail 6-5.1/9 Composite Liner System 24" Protective Cover 1x10-2 and 1A- Alternate 1x10-3 Spec section 17501- says 1x10-2 <5% 200 please clarify material to be used.

**Response:** Protective Cover shall be 1.0x10<sup>-2</sup> or greater. No alternative is proposed at this time unless the desired 10<sup>-2</sup> can't be met. Please note that approval of the Alternate Protective Cover will require additional construction items.

2. Can manufactured (*quarry*) sand/screenings be used for 24" protective cover

**Response:** Materials proposed for the protective sand cover shall meet the technical specifications and be submitted to the engineer for approval.

3. Section-01591 Permanent Office Trailer please add line item for this in bid or remove from spec, if added will need location, grading and utility plan

**Response:** A Permanent Office Trailer will be required for this contract and provided by the Contractor. Line item no. 30 has been added to the Price Schedule and to the Measurement and Payment Specification, and technical specifications for permanent office trailer (*Section 01591*) have been revised and replaced with that provided in this Addendum.

4. Cut soil said to be stockpiled please indicate on drawing the location.

**Response:** See Drawing 3.3 for Stockpile Area. West of Phase 3, Unit 2, Future Cell 3.

5. Please provide borrow site boring logs.

**Response:** Mining area geotechnical report with soil borings logs is provided as an attachment to this Addendum.

6. Please confirm Off-road trucks will be allowed to haul across Linecrest Rd.

**Response:** Off-road Trucks are allowed to cross Linecrest Rd., but it is the Contractor's responsibility to obtain any required hauling or other permits. The Contractor is also responsible for protecting the integrity of the public road and repair any damage from the off-road trucks. Alternate routes to enter / exit the landfill and borrow area can be proposed by the Contractor for review and approval by the Owner and Engineer.

7. Item no. 29 Please provide leachate storage tank details for required piping, pumps if needed and electrical if required

**Response:** The existing leachate storage tank manufacturer is Advance Tank & Const. Co. (Contact: Eddie Boaen, Phone: 205- 338 – 4483; Email: Eboaen@advancetank.com).

8. Item no. 29 Who was the manufacturer/ supplier for the existing tank?

**Response:** Leachate storage tank will be connected to the existing storage tank. No pumps or electrical required. Only piping and valves. See Sheet 6.2 in the Drawing Set for piping.

9. Upon review, we have discovered that the leachate holding tank is specifically called out as welded steel, AWWA D-100. Can Steel bolted construction tank meeting AWWA D-103 be provided.

**Response:** The leachate storage tank shall be welded steel similar to the existing tank.

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- 10.** Stormwater pumps are they only in Cell 2, please provide more detail as to piping require, electrical access and control panel if required

**Response:** Stormwater pumps are required in both cells at the low point of each stormwater berm. Minimum of 6 pumps required as shown on the Bid Form. Sheet 6.1 has been revised to show call-outs for the stormwater pump locations. Also Sheet 11 presents the pump details. Stormwater from the Cells shall be piped to the nearest stormwater ditch outside of the Cells and be routed downstream. Contractor is responsible for any and all erosion issues caused by discharge.

- 11.** Spec Section 11311 Leachate Sump and Pumping System calls for leachate pumps and control panel, plans seem to indicate leachate lines will tie into existing line, if leachate sump and pumps are required please provide plan and detail to show riser pipe, panel location, electrical supply location

**Response:** No new pumps are required for the Cells. The existing pumps will be utilized at the north end of each cell. Once connection is made on the south side of the existing Cell, leachate shall continue to flow towards the north to the existing pumps.

- 12.** Please confirm conformance testing will be paid for by the geosynthetics contractor and coordinated through the GQA.

**Response:** All testing will be coordinated through the Geosynthetic Quality Assurance Consultant (GQA) and will be paid for by the owner.

- a. Are there any pre-qualification testing requirements for geosynthetics?

**Response:** See Liner CQA Specification (*Technical Specifications Section 17501*) Section 2.3 C. 1. (*Page 17501-11*) for qualifications of geosynthetics installer. Geosynthetics manufacturer quality control testing requirements are provided in the Technical Specifications.

13. When is the project scheduled to start?

**Response:** The awarded contractor shall commence the work within ten (10) days from the date of the Notice to Proceed (*NTP*).

14. Will there be separate mobilizations for the 2 cells?

**Response:** Yes. As shown on the Price Schedule Form, contractor shall provide a price for mobilization / demobilization for Cell 1 and Cell 2, separately.

15. Will low ground pressure (<6psi) vehicles be allowed on top of geosynthetics for deployment (*such as tracked skid steer*)?

**Response:** Normal equipment can be used to pull liner. Geocomposite layers, GCL, and primary geomembrane may be placed by hand or using rubber-tracked, low ground pressure (< 5 psi) skid-steer equipment (*e.g. T300 Bobcat or equivalent*). Extreme caution shall be used at all times to avoid damaging any geosynthetics. Any damage to geosynthetics caused by equipment (*or other actions by the contractor*) shall be repaired to the satisfaction of CQA personnel at no additional cost to the County.

16. See Drawing 10 Details 2 and 4 – What material is the plastic cover material?

**Response:** The plastic cover, or rain tarp, is to be placed on top of the 24” sand protective cover to help manage the stormwater prior to the cell receiving waste. See Storm Water Diversion System in the Liner CQA Specification (*Technical Specifications Section 17501*), Section B (*Page 17501-30*).

17. Per Drwgs. 5.1 & 5.2 the limit of liner or liner anchor trench is clearly defined. When we perform a quantity take-off, however, it appears that the bid form quantities for liner items are exaggerated. The surface area for Cell 1 is approximately 393,000 SF and the surface area for Cell 2 is approximately 475,000 SF. With both the slope and anchor included, the quantities for Cell 1 are approximately 408,000 SF while Cell 2 quantities are approximately 485,000 SF. Please clarify the Bid Form quantities.

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**Response:** The quantities shown on the Contractor’s Bid Form are approximate and are to be used only as a basis for estimating the probable cost of Work and for the purpose of comparing bids. Payment will be based on the actual quantities installed as specified in the technical specifications and the unit prices provided by Contractor on the Bid Form shall be valid and applicable for quantities up to 130 percent of the estimated quantities shown on the Price Schedule form.

18. No detail was provided for the geomembrane and other liner items at the western temporary termination of Cell No. 1? Will a temporary anchor be required at this point? Please provide details.

**Response:** Please see Sheet 10, Detail 5 in the Drawing Set. Note calls for “2’ Min. Protective Soil Cover To Be Removed When Future Cell Begins Operation”. Please note the ¾” plywood and other components.

19. Does the rain tarp terminate in an anchor trench at the perimeter? Please provide dimensions of anchor.

**Response:** The technical specifications state 20lb sand bags shall be placed on 20’ centers at a minimum. Additional loadings may be required along exterior panel edges. The anchoring material used will be left in place for the County to utilize as needed during operations.

It is the contractor’s responsibility to maintain the tarp until the associated Cell has been approved by the State and the County has taken over full responsibility. If an anchor trench is required to secure the tarp, it is the Contractor’s responsibility and will be allowed.

20. Does the rain tarp terminate at the same termination point as the other liner items at the cell perimeter? Per Dwg. 5.2 a note at the west edge of cell says “limit of stormwater tarp (*top of berm*). This seems to indicate that the tarp stops prior to the liner termination point. Please clarify stormwater tarp limits & termination method

**Response:** The stormwater tarp shall cover the entire surface area of the sand protective cover. See Sheet 10, Detail 5 for Sand Area Proposed. Note has been revised on 5.1 and 5.2.

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**21.** Will the County be awarding based on both Cell No. 1 and Cell No. 2 or solely on Cell No. 1?

**Response:** We will award the vendor based solely on Cell 1, Cell 2 remains optional for budgeting purposes. We would, however, still like for bidders to provide prices for Cell 2 to assist in budgeting for the Cell 2 project.

**Section B.** Modifications have been made pertaining to this ITB and are attached as part of this Addendum. The modifications are as follows:

**Attachment 1:** Revised Construction Drawings - changes on the Sheets have been clouded and identified. Link Provided: <https://sftp.dekalbcountyga.gov/f/c06ce45b47e2a9af>

**Attachment 2:** Revised Price Schedule Form – the original Price Schedule Form should be replaced with this REVISED form.

**Attachment 3:** Measurement and Payment Specification – new/ revised section in the technical specifications.

**Attachment 4:** Specification 01591 Permanent Office Trailer – current revised version replaces the previous specification provided.

**Attachment 5:** Mining and Borrow Area Geotechnical Report – to address question no. 5

It is the responsibility of each bidder to ensure all awareness of all addenda issued under this ITB. Please sign and return this addendum with your bid submittal. You may call Jovan Hooper, Procurement Agent at (404) 371 - 3644 before the bids are due to confirm the number of addenda issued.

All other conditions remain in full force and effect.

Jovan Hooper  
Procurement Agent  
Department of Purchasing and Contracting

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**ACKNOWLEDGMENT**

Date: \_\_\_\_\_

The above Addendum is hereby acknowledged:

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(NAME OF BIDDER)

\_\_\_\_\_  
(Signature)

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(Title)