

July 3, 2019

TO: All Bidders under Invitation to Bid (ITB) No. 19-101115
FROM: Department of Purchasing and Contracting, DeKalb County, Georgia

ADDENDUM NO. 2

ITB No. 19-101115 – Seminole Road Landfill Cell Construction, Phase 3, Unit 2; Cell 1 and Cell 2 Subgrade, is hereby amended.

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

1. In reference to Clearing and Grubbing at the Borrow Area, can this clearing debris be left on the borrow property or will it require hauling to the composting area?

Response: Clearing and Grubbing debris shall be transported to the composting area at the landfill.

2. In reference to Clearing and Grubbing at the Borrow Area, the bid item specifies 5.31 Acres. Should the contractor assume this area will be the extent of clearing, or will the entire borrow area be cleared?

Response: Assume clearing and grubbing will be in the 5.31 Acres for Phase 1 of the borrow area. Line Item for clearing and grubbing in the Bid Form and Measurement and Payment specification has been revised to change the units to acres from lump sum and estimated quantity has been added.

3. Please provide location or means of contractor access to construction water for dust control, etc.

Response: Water is available for the contractor to use on site near the cell construction location. The Landfill will devote one water hydrant to the Contractor during the construction process. The Contractor will need to meter all used water during the entire construction process. All onsite filling locations are fitted with common fire truck threads.

4. Will all cut soils in the Cell areas and borrow areas meet the specification requirements for friction angle (30.7) and zero cohesion for use as fill?

Response: If cut soils from excavation in the cell areas do not meet specifications for structural fill, the contractor shall excavate, transport, and utilize soil from the borrow area. It is estimated that the soils available in the borrow area will be suitable for use as structural fill and the volume available is in excess of what is needed for subgrade for Cells 1 and 2.

5. The Earthwork specification section implies that all excavation other than rock will not be classified. This places undue risk on the contractor in the event that weathered rock, groundwater, or unsuitable soils are encountered during excavation to design grade.
- a. Can unit prices be established for Rock Excavation, Weathered Rock Excavation, and unsuitable soil excavation and replacement?
 - b. Is rock anticipated in the excavation areas?
 - c. Is groundwater anticipated in the excavation areas?

Response: Rock is not anticipated in the cell excavation areas, but new Line Items to establish the unit prices for rock and unsuitable soil excavation have been added to the Bid Form and the Measurement and Payment Specification. Groundwater is not anticipated in the excavation areas.

6. Reference Note 8 of the Site Limitations Section on Drawing 2. Because there is no seasonal groundwater information and no bedrock information, will the referenced underdrain system and/or 5' rubble free soil buffer be considered a change to the contract? If so, will additional schedule time and compensation be negotiated if these measures are required?

Response: Construction of the underdrain system is not included as part of the scope of this project since the underdrain system within the footprint of Cells 1 and 2 was previously constructed. Contractor is only required to investigate and survey the existing underdrain and piping in the locations identified in the Drawings and Specifications (outside the footprint of Cells 1 and 2).

7. Have previous projects at the landfill site required import of clay soils for liner? If so, can the locations and contact information for the borrow sources be provided?

Response: Previous projects at the landfill site did not require import of clay soils for liner since the borrow source available at the time contained clay. The County will work with the contractor to test and approve any clay sources identified for the project. The new borrow area will also

be evaluated for the presence of clay after clearing and grubbing.

8. Reference Note 9 of the site limitations. Who is responsible for piezometer/well abandonment? If contractor is responsible, which bid item should include this work?

Response: All piezometers in the footprint of Cells 1 and 2 (construction area) have been abandoned previously. No abandonment will be required under the scope of this project by the Contractor.

9. The drawings state that excess material will be stockpiled in a location as directed by the owner. Has an area been designated aside from the stockpile area shown on the project drawings?

Response: Excess material shall be stockpiled in the designated stockpile area shown on the drawings.

10. If rock is encountered requiring excavation in accordance with specification section 02201, how will this excavation be compensated to the contractor?

Response: Rock is not anticipated to be encountered during excavation. However, in the event that it is encountered, the Bid Form has been modified for the Contractor to provide a unit rate for rock excavation.

11. NPDES sampling is the responsibility of the contractor in accordance with Permit GAR100001. Please provide the permit so that sampling requirements can be estimated.

Response: DeKalb County will submit the Notice of Intent (NOI) for coverage under NPDES Construction General Permit once the contractor is selected to include the contractor's information. Sampling and reporting requirements under the general permit are provided on the Drawing No. 7.6 of the construction drawing set.

12. With regards to the 6" stormwater pumps specified for the project (and generators):

- a. Can a detail be provided showing the locations of both the pumps and generators?
- b. Which bid item should include the stormwater pumps?

Response: The location of the stormwater pumps is shown on Drawing No. 6.1 and the pump detail is provided on Drawing No. 11. The pumps specified should be portable and diesel powered. Bidders shall include the cost of three (3) stormwater pumps for Cell 1 in Bid Item No. 008.

13. The drawings state that all areas of Phase 3, Unit Two shall receive stormwater tarp, but the bid item includes Cell 1 only. Please confirm that rain tarp will only be placed at Cell 1.

Response: Tarp will only be placed at Phase 3 Unit 2 Cell 1.

14. With regards to Demolition, which bid item should include stone road stripping to stockpile (and where will stone be stockpiled for future use) and which bid item should include storm pipe removal?

Response: The Bid Form and Measurement and Payment specification have been revised to include Line Items to provide a unit price for removal of stormwater piping and road stripping and stockpiling. Stone shall be stockpiled in the designated stockpile area shown on the drawings.

15. With regards to the new haul road to the borrow area, the notes imply that a new haul road should be constructed entailing new stone, additional clearing, etc. Which bid item should include construction of the new haul route?

Response: New Haul Road for borrow area shall be included under Line Item No. 25 All-Weather Access Roads in the Bid Form. Any means for protecting the integrity of the public road and repair any damage from the off-road trucks shall be included under Bid Line Item No. 27.

16. Is the 36” storm pipe crossing Linecrest incorporated in this project? If so, have necessary permits been procured and traffic control plans designed? Is any traffic flow data available for Linecrest?

Response: Yes, the 36” storm pipe crossing Linecrest Road is part of the scope of this project. Obtaining necessary permits and traffic control during installation will be the responsibility of the Contractor. Owner and Engineer will provide the Contractor with assistance with the permitting process.

17. Is the Phase 1 and Phase 2 Access Road at the Linecrest Borrow Area incorporated in this project?

Response: Phase 1 and Phase 2 Access Road in Linecrest Borrow Area is not anticipated to be included in the scope of this project.

18. With regard to soil compaction, will the fill soils be tested against the standard or modified proctor values?

Response: Standard Proctor as specified in the Technical Specifications.

19. The earthwork requirements specify 6” lifts. Can this be adjusted by the engineer depending upon the compaction equipment utilized?

Response: Contractor shall assume that material shall be placed and compacted in 6-inch lifts as required in the Technical Specifications. Any variances will need to be submitted to the Owner and Engineer for review and shall be evaluated based on the detailed information provided in the change request.

20. Please specify the linear extents of plywood liner protection.

Response: Plywood liner protection will be provided along the entire length of the western edge of Cell 1 adjacent to Cell 2 as shown on Detail 5 on Drawing No. 10.

21. Would it be possible to test dig the site within the cell excavation areas one day between July 1 and July 3? I’m particularly concerned about this due to not having a geotech report for the cell areas and the specifications stating that the site would be unclassified aside from rock.

Response: Please see response to Question 5 above.

22. The Specifications call for 480v pump and controls for the Leachate tank. On our onsite visit, the panel located by the existing leachate tank was only 120/208v. is this going to be a problem or can we swap everything over to 208v?

Response: Pump and/or controls are not needed as part of the leachate tank.

23. Will Dekalb County be providing Quality Assurance Testing for all scopes of work or will the contractor be responsible for providing an independent Testing Company?

Response: Cost for providing Quality Assurance Testing by an independent laboratory will not be the responsibility of the Contractor.

24. Will Dekalb County allow local soil (Clay) materials to be modified to meet project specifications?

Response: Modification of on-site soils to meet the clay permeability specification will be allowed per the requirements and procedures provided in the Clay Subbase sub-section of the Technical

Specifications Section 17501 Composite Liner Construction Quality Assurance (Double Liner).

25. The geotechnical investigation report for the Linecrest Borrow Area has been provided with the bid package, however we are unable to locate the geotechnical investigation data necessary to complete a responsible evaluation of subsoil conditions in Cell 1 and Cell 2 areas of excavation. Can this report be provided?

Response: A limited hydrogeological investigation was performed for the Phase 3 & 4 landfill footprint during the permitting process. Please see the response to Question 5 above for concerns regarding rock and/or unsuitable material excavation. Groundwater is not anticipated in the excavation areas.

26. Can a storm structure chart be provided detailing types and sizes of the required drop inlets and manholes?

Response: Please see revised Construction Drawing Nos. 5.5 and 5.6 that show the types of stormwater structures on the profile profiles. General details for the manholes and drop inlets are included in the Construction Drawings. It is the Contractor's responsibility to provide shop drawings for the diameter of the manhole structures for review and approval by the Owner and Engineer. Due to angle of proposed storm pipes entering/exiting manhole structure during installation, the Contractor shall be responsible for providing adequate clearance between each pipe and provide the required grouting around the pipe and structure for a water tight seal.

27. The drawings show the new borrow haul route traveling approximately 250' of Linecrest and approximately 1,200' of Bond Dr. before entering the site. This is somewhat contradictory to previous discussion at the project pre-bid meeting when it was stated that a single steel plate road crossing would be required. This discrepancy would likely determine whether off-road haul trucks or on-road tandem axle dump trucks are utilized, impacting cost and schedule. Please clarify and provide road pavement thicknesses for Linecrest and Bond Drive.

Response: Bidders shall assume that off-road trucks shall be used with a single crossing of Linecrest Road to haul material under Line Item No. 27 in the Bid Form. The Owner and Engineer are in the process of obtaining the necessary buffer variance from EPD to construct a new access road to the landfill from Linecrest Road for hauling soil from the borrow area. It is the Contractor’s responsibility to obtain any other required hauling or other permits. A precise location for the road alignment has not yet been identified. Construction Drawings will be revised once the exact location of the access road entrance to the landfill is decided. Any necessary clearing and grubbing and haul road construction will be paid using unit rates proposed in Bid Line Item Nos. 23 and 25, respectively. The Contractor is also responsible for protecting the integrity of the public road and repair any damage from the off-road trucks.

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

1. TIME AND LIQUIDATED DAMAGES

Construction must begin within ten (10) days from the date the Contractor acknowledges receipt of the Notice to Proceed, by signing and inserting the acknowledgement date on the Notice to Proceed. Contractor shall fully complete the Cell 1 portion of the Work (i.e., construction of Cell 1 for certification by Engineer and Georgia EPD, and associated components along with the Leachate Tank) within one hundred eighty-five (185) days from and including the Notice to Proceed. Contractor shall fully complete the Work in its entirety (to include Cell 2 subgrade) within two hundred and fifty (250) days from and including the Notice to Proceed. For failure to complete the Work within this period, the Contractor shall pay the County liquidated damages in the amount of **Ten Thousand and No/100 Dollars (\$10,000.00)** for each day in excess of the Contract Time unless an extension of the Contract Time has been obtained by Change Order, as defined in the Contract, prior to the expiration of the Contract Term as defined in the Contract.

EARLY COMPLETION BONUS

If full completion of the Cell 1 portion of the Work (i.e., construction of Cell 1 for certification by Engineer and Georgia EPD) is attained within One Hundred Fifty-five (155) Days after the date from and including the Notice to Proceed date, Owner shall pay Contractor at the time of Final Payment under Section III. E hereof an early completion bonus (“Early Completion Bonus”) of Two Thousand Five Hundred Dollars (\$2,500) per Day for each Day that full completion of Cell 1 occurred in advance

of the scheduled full completion date, up to a maximum Early Completion Bonus of One Hundred Thousand Dollars (\$100,000).

- 2. Construction Drawings** - Construction Drawing Nos. 5.5 and 5.6 were revised to call out the stormwater structures on the profiles.

Construction Drawing Link: <https://sftp.dekalbcountyga.gov/f/160d5414743e541a>

- 3. Revised Price Schedule Form** – the original Price Schedule Form should be replaced with the below REVISED form (pages 9 – 12). The following was revised on the Price Schedule Form:
- a. Added Line Item Nos. 31 through 34
 - b. Line Item No. 23 changed from LS to AC and quantity added
 - c. Line Item No. 25 quantity was changed

*****PRICE SCHEDULE FORMS MUST BE SUBMITTED IN A SEPARATE SEALED ENVELOPE OR BIDDER WILL BE DEEMED NON-RESPONSIVE AND WILL NOT BE CONSIDERED FOR AWARD*****

The following prices are hereby given by the Bidder for each Item herein below delineated to be used for the dual purpose of: a) arriving at an estimated total Bid Price; and b) establishing price factors to be utilized in adjustments to the estimated total price resulting from change orders issued in accordance with these Contract Documents. Said total price being the OWNER'S guide to the qualified low Bidder. An incomplete Bid Form shall be considered non-responsive.

Item No.	Description	Unit	Estimated Quantity	Unit Price (\$)	Amount (\$)
CELL NO. 1 & CELL NO. 2 SUBGRADE					
001	Mobilization/Demobilization	LS	1	\$	\$
002	Project Survey - Cell 1 & Cell 2	LS	1	\$	\$
003	Site Clearing, Grubbing, and Stripping - Cell 1, Leachate Tank & Cell 2	LS	1	\$	\$
004	Erosion and Sediment Control - Cell 1, Leachate Tank & Cell 2	LS	1	\$	\$
005	Subgrade, Stormwater Swale, Sediment Pond, and Leachate Tank - Cut - Cell 1 & 2	CY	115,400	\$	\$
006	Waste Removal for Tie-in to Existing Liner - Cut - Cell 1	CY	8,700	\$	\$
007	Subgrade, Embankment, Roads, Stormwater Swale, and Leachate Tank - Fill - Stockpile adjacent to construction area - Cell 1	CY	187,000	\$	\$
008	Stormwater Structures and Piping - Cell 1 & Cell 2	LS	1	\$	\$
009	6" Clay Subbase, Imported Soils - Cell 1	CY	8,100	\$	\$
010	Geosynthetic Clay Liner - Cell 1	SF	432,682	\$	\$
011	60 mil Textured HDPE Geomembrane Liner, Primary and Secondary, Cell 1	SF	865,363	\$	\$
012	Geocomposite, Primary and Secondary - Cell 1	SF	865,363	\$	\$

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Item No.	Description	Unit	Estimated Quantity	Unit Price (\$)	Amount (\$)
013	Protective Layer/Drainage Sand Layer, 24-inches Minimum Thickness, Imported Soils - Cell 1	CY	32,050	\$	\$
014	12-mil Geosynthetic Rain Tarp with Sandbags - Cell 1	SF	432,682	\$	\$
015	8-inch HDPE Leachate Collection Pipe (Perforated, All Inclusive) - Cell 1	LF	1,500	\$	\$
016	8-inch HDPE Leachate Cleanout Pipe, Solid - Cell 1	EA	1	\$	\$
017	6-inch HDPE Leachate Collection Pipe, Solid - Cell 1	LF	150	\$	\$
018	Tie-in to Existing Liner and Leachate Line - Cell 1	LS	1	\$	\$
019	Temporary Earthen Stormwater Berms (All-inclusive) - Cell 1	LF	950	\$	\$
020	Sodding - Cell 1, Leachate Tank Area, & Cell 2	SY	16,000	\$	\$
021	Seeding - Cell 1, Leachate Tank Area, & Cell 2	SY	26,600	\$	\$
022	Edge of Liner Posts - Cell 1	EA	10	\$	\$
023	Site Clearing, Grubbing, and Stripping for Mining area	AC	5.31	\$	\$
024	Erosion and Sediment Control & Stormwater - Mining Area	LS	1	\$	\$
025	All-Weather Access Roads	SY	13,800	\$	\$

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Item No.	Description	Unit	Estimated Quantity	Unit Price (\$)	Amount (\$)
026	Guardrail along Access Road	LF	1,300	\$	\$
027	Hauling Soil from Linecrest Mining/Borrow Area	CY	70,800	\$	\$
028	Excavate to determine limits of existing underdrain and piping for asbuilt information.	EA	21	\$	\$
029	250,000 Gallon Leachate Storage Tank (52-ft Dia, 17.5-ft Ht), Concrete Secondary Storage Area, Piping, and Valving (All Inclusive)	LS	1	\$	\$
030	Permanent Office Trailer	LS	1	\$	\$
031	Removal and Backfill of Unsuitable Materials	CY	5,000	\$	\$
032	Rock Excavation	CY	5,000	\$	\$
033	Demolish Existing Stormwater Pipe	LF	100	\$	\$
034	Removal of Existing Access Road and Stockpiling Stripped Material for Reuse	SY	20,170	\$	\$
SUBTOTAL BID PRICE (Total of Items 1 Thru 30)					\$
Authorized Contingency					\$ 800,000.00
TOTAL BID PRICE (Total of Items 1 Thru 34 plus Contingency)					\$

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TOTAL BID PRICE FOR CELL NO. 1 & CELL NO. 2 SUBGRADE written in words:

Company Name: _____

Authorized Signature: _____

Authorized Signature (Printed): _____

Date: _____

4. Measurement and Payment Specification – new/ revised section in the technical specifications.

The following has been revised:

- a. Added description for Line Item Nos 31 through 34.
- b. Description for Line Item No. 23 changed from LS to AC.
- c. Description for Line Item No. 8 was revised to clarify that Three (3) Portable, Diesel-Powered pumps shall be provided under this Line Item.
- d. Description for Line Item No. 27 was revised to clarify that off-road trucks can be used for hauling soil from the borrow area.

Measurement and Payment Specification Link: <https://sftp.dekalbcountyga.gov/f/9880cb8fbfbab341>

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

ACKNOWLEDGMENT

Date: _____

The above Addendum is hereby acknowledged:

(NAME OF BIDDER)_____
(Signature)_____
(Title)