



Georgetown County, South Carolina

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ADDENDUM #3 TO BID #21-041

BID NUMBER: 21-041

ISSUE DATE: Tuesday, July 27, 2021

OPENING DATE: **Wednesday, August 18, 2021** OPENING TIME: **3:30 PM (ET)**

PROCUREMENT FOR: Landfill Corrective Action Construction

This addendum will amend **Bid #21-041, Landfill Corrective Action Construction** originally issued on Wednesday, June 30, 2021. This clarification is being provided to all known and registered correspondents in response to questions received. All addenda and original bid documents are also available online at: www.gtcounty.org, select “Bid Opportunities” from the Quick Links section.

Items for Addendum No. 3

1. On the drawings and in the project manual, delete every occurrence of “Wind Defender HG” and replace with “Wind Defender TG.”
2. Add the following note to Sheet 2: “The purpose of the depression area backfill is to minimize any areas that will pond water. An analysis of the existing topography was performed to identify these areas, which are illustrated on this sheet. Contractor shall place and spread the backfill material to a level surface. Compaction of the depression area backfill material is not required.”
3. Replace the Bid Form with the attached Bid Form.
4. Replace Section 01025 – Measurement and Payment with the attached Section01025.
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Response to Questions

- 1.) There is no unit of compensation for site preparation for the final cover system other than mowing and silt fence installation. Some of the items included in site prep that require further explanation are as follows:
 - a. Is the intent for all vegetation to be removed prior to the installation of the HDPE liner?

No. Mowing the vegetation to a depth of approximately 4-inches is required.

b. The plans show depression areas that must be filled. After visiting the site it is apparent that this is a very qualitative thing. Who will make the call in the field that areas must be filled? There needs to be some defined quantity.

Depression areas are shown on Sheet 2. We have estimated a quantity of 800 CY using 1.5-foot of fill depth on average for each area. We have added line item 16 – Depression Area Backfill to define the quantity.

c. How will the fill quantities be compensated?

Item 16 – Depression Area Backfill

d. Spec Section 2100 mentions the use of Geogrid for soft areas. How will the contractor be compensated for the geogrid?

Geogrid will not be required.

e. What are the specifications for the material to be used to fill the depressed areas (ie. clay or general fill)?

General Backfill

f. Is the fill material to be imported or obtained from the on-site borrow area?

On-site borrow area.

g. Who will define the limits of the liner and the location of the anchor trench?

A CADD file will be provided to the contractor for the contractor's surveyor to use for staking the limits of liner and the anchor trench.

h. Where should the costs for the above items be included?

See the responses above.

2.) For Bid Item 5 Sandy Soil Backfill - Will this material come from the onsite borrow area or does it need to be purchased and imported?

Onsite borrow area.

3.) After installation of the PRB, there will be an excess of approximately 300 CY. Where will this material need to be placed?

This material may be used in Depression Area Backfill.

4.) What is the projected start date for the project? Post hurricane season?

The project start date will be determined as the bidding and contract award process proceeds. The project will start regardless of hurricane season.

5.) Does the project clock start after contract signing or notice to proceed?

Contract time begins with the issuance of a notice to proceed.

6.) Will third party testing of liner be paid for by the owner?

All construction quality control is the responsibility of the contractor. Engineer, under contract with owner, may perform conformance testing of the liner.

8.) Section 02821 Chain Link Fences and Gates - Is there an expectation to use a combination of galvanized steel, aluminum coated, and pvc coated fencing? Or are these all included as options to choose from?

Any of the three materials are acceptable, but only one material should be provided.

9.) Section 01025 Measurement and Payment - Item 12 Chain Link Fencing states that payment for a total of three double swing gates is to be included. However, drawing sheet 3 only shows 2 gates on the chain link fence. How many gates will there be, and how wide should they be?

Provide two pedestrian type 4-foot-wide swing gates at the location shown on the drawings.

SECTION 01025 MEASUREMENT AND PAYMENT

PART 1: GENERAL

1.01 SCOPE OF WORK

A The Project generally consists of furnishing and installing, complete, including labor, equipment, parts, materials, and other work incidental for the

B All contract prices included in Section 00300 will be full compensation for all labor, materials, tools, equipment and incidentals necessary to complete the Work as shown on the Drawings and specified in the Contract Documents to be performed under this Contract.

C The items listed below, refer to and are the same pay items listed in the Bid Form. They constitute all of the pay items for the completion of the Work. No direct or separate payment will be made for providing miscellaneous temporary or accessory work, services, job signs, sanitary requirements, testing, safety devices, surveying, field engineering, approval and record drawings, water supplies, power, maintaining traffic, removal of waste, watchmen, and all other requirements of the General Conditions and DIVISION 1 - GENERAL REQUIREMENTS. Compensation for all such services, equipment and materials shall be included in the prices stipulated for the lump sum and unit price bid items listed herein.

D Each lump sum and unit price will be deemed to include an amount considered by CONTRACTOR to be adequate to cover CONTRACTOR'S overhead and profit for each separately identified item.

E Restoration is not a separate bid item but is considered to be an integral part of the work under the contract, and all contract bid prices include the cost of restoration necessitated by the work related to that bid item.

F Progress Payment for any item for which certifying surveys are required by Section 01050 will be made based on estimated quantities verified by the ENGINEER. The ENGINEER will verify all final quantities prior to Final Payment for that item. Certifying surveys will be required for payment greater than 75% of the estimated total amount of that bid item as required by Section 01050. No Final Payment will be made for any item for which certifying surveys required by Section 01050 have not been submitted and approved by the ENGINEER.

1.02 BID ITEMS

Item 1 – Bonds, Insurance, Mobilization, and Demobilization

1. Measurement for this item will be based on actual invoice amounts to substantiate the actual bond and insurance premiums and other invoiced costs, as well as an allowance for mobilization/demobilization. Mobilization will be paid for at the contract lump sum bid price, which price and payment shall be full compensation for organizing and moving all forces, supplies, equipment and incidentals to the project site, regardless of the number of times such moves are made, and all pre-construction costs incurred after award of the contract. This price shall also include costs for demobilization.
2. Payment of this item will be made at the applicable lump sum amount, as above determined, and will represent full compensation for providing the required 100 percent Payment Bond, 100 percent Performance Bond, all insurance and mobilization/demobilization in accordance with the requirements of the General Conditions. The ENGINEER will include payments for mobilization on the first and second construction estimates. Each payment will be for ½ of the contract lump sum price for Mobilization, subject to the limits shown in the following table:

Contract Amount (CA)	Max. Payment First Estimate	Max. Payment Second Estimate
0 - \$40,000	CA x 0.05	CA x 0.05
\$40,000 - \$200,000	\$2,000	\$2,000
\$200,000 - \$2,000,000	CA x 0.01	CA x 0.01
\$2,000,000 and above	(CA x 0.005) + \$10,000	(CA x 0.005) + \$10,000

Item 2 – Silt Fence

1. Measurement: The quantity of Silt Fence to be paid under this item will be the actual number of linear feet of Silt Fence installed.
2. Payment: The unit price bid for this item will be full compensation for vegetation removal, furnishing, installing, and maintaining Silt Fence as shown on the Drawings and specified herein.

Item 3 – Stripping (ISCR PRB Area)

1. Measurement: The quantity of Stripping which will be paid for under this item will be the actual number of square yards, as measured in the two-dimensional plan view, stripped of topsoil within the construction limits as measured by the survey of the limits of stripping.
2. Payment: The unit prices bid for this item will be full compensation for all labor, materials, tools, equipment, supervision and incidentals required to perform all work required to remove and properly stockpile stripped topsoils within the construction limits. Stripping materials shall be placed on site as shown on the Plans or as directed by the ENGINEER.

Item 4 – Excavate and Stockpile Low Permeable Soil

1. Measurement: The quantity of Excavate and Stockpile Low Permeable Soil to be paid for under this item will be the number of actual cubic yards excavated and backfilled at the direction of the ENGINEER as measured by comparing topographic surveys performed before and after excavation.
2. Payment: The unit price bid for this item will be full compensation for all labor, materials, tools, equipment, supervision and incidentals required for measuring, excavating, backfilling, grading, compacting, stockpiling, and disposing of all unsuitable materials excavated and all other work required or incidental to the satisfactory completion of all Work under this contract for which payment is not provided under other items in the bid form.

Item 5 – Sandy Soil Backfill

1. Measurement: The quantity of Sandy Soil Backfill which will be paid for under this item will be the actual number of cubic yards placed as measured by comparing the topographic survey performed after the clearing and grubbing and prior to backfill, to the topographic survey performed upon the completion of backfill, as required in Section 01050.
2. Payment: The unit price per cubic yard for this item will be full compensation for placing structural fill to the design grades as shown on the Drawings and specified herein including but not limited to borrow source excavation, hauling, and backfilling; compaction, quality control and surveying; drainage and dewatering; sheeting and bracing; test pits to verify location and depth of existing buried utilities and other facilities; care and protection of existing utilities and structures; site restoration; conformance to all federal, state, and county Standards and requirements; and all other work required or incidental to the satisfactory completion of all Work under this contract for which payment is not provided under other items in the bid form. No Final Payment will be made for any backfill for which certifying surveys required by Section 01050 have not been submitted and approved by the ENGINEER.

Item 6 – Reagent Purchase and Delivery

1. Measurement: The quantity of Reagent to be paid for under this item will be the actual number of pounds of material furnished as measured by weighing the delivery trucks at the OWNER's weigh scale inbound and outbound.
2. Payment: The unit price bid for this item will be full compensation for all labor, materials, tools, equipment, supervision and incidentals required to furnish the Reagent as shown on the drawings and specified herein for which payment is not provided under other items in the bid form.

Item 7 – Reagent Placement and Mixing

1. The lump sum price bid for this item will be full compensation for all labor, materials, tools, equipment, supervision and incidentals required to provide the Reagent Placement and

Mixing by the appropriate method.

Item 8 – Low Permeable Soil Backfill

1. Measurement: The quantity of Low Permeable Soil Backfill, which will be paid for under this item will be the actual number of cubic yards of backfill constructed as measured by comparing the topographic survey performed after Reagent Placement and Mixing and prior to backfill, to the topographic survey performed upon the completion of backfill, as required in Section 01050.
2. Payment: The unit price per cubic yard for this item will be full compensation for placing backfill to the design grade as shown on the Drawings and specified herein including but not limited to borrow source excavation, hauling, and backfilling; compaction, quality control and surveying; drainage and dewatering; sheeting and bracing; test pits to verify location and depth of existing buried utilities and other facilities; care and protection of existing utilities and structures; site restoration; conformance to all federal, state, and county Standards and requirements; and all other work required or incidental to the satisfactory completion of all Work under this contract for which payment is not provided under other items in the bid form. No Final Payment will be made for any backfill for which certifying surveys required by Section 01050 have not been submitted and approved by the ENGINEER.

Item 9 – Topsoil Placement

1. Measurement: The quantity of Topsoil Placement which will be paid for under this item will be the actual number of square yards, as measured in the two-dimensional plan view, of Topsoil Placement, within the construction limits as measured by the survey of the limits of stripping.
2. Payment: The unit prices bid for this item will be full compensation for all labor, materials, tools, equipment, supervision and incidentals required to perform all work required to place the stripped Topsoil within the construction limits.

Item 10 – Seeding and Mulching

1. Measurement: The quantity of Seeding and Mulching which will be paid for under this item will be the actual number of square yards Seeded and Mulched as measured in place by computing the two-dimensional plan area of the limits of the Seeding and Mulching performed.
2. Payment: The unit price bid for this item will be full compensation for all labor, materials, tools, equipment, supervision and incidentals required to complete the seeding and mulching work for disturbed areas as shown on the Drawings and specified herein, and the establishment of a sufficient growth of grass as examined and accepted by the ENGINEER.

Item 11 – Mowing

1. Measurement: The quantity of Mowing which will be paid for under this item will be the actual number of acres Mowed as measured in place by computing the two-dimensional plan area of the limits of Mowing performed.
2. Payment: The unit price bid for this item will be full compensation for all labor, materials, tools, equipment, supervision and incidentals required to complete the Mowing work as shown on the Drawings and specified herein.

Item 12 – Chain Link Fencing

1. Measurement: The quantity of Chain Link Fencing which will be paid for under this item will be the number of linear feet of fencing, including access gates and clearing (as necessary to install fencing), as measured and accepted by the OWNER. Payment for a total of two 4-foot wide swing gates shall be included in this Item.
2. Payment: The unit price bid for this item will be full compensation for all labor, materials, fence alignment, clearing as necessary to install the fencing, tools, equipment, supervision, and incidentals to furnish and install the chain link fence as shown on the Drawings and specified herein.

Item 13 – 60-mil Textured HDPE Liner

1. Measurement: The quantity of 60-mil Textured HDPE Liner which will be paid for under this item will be the actual number of square yards as measured in the two-dimensional plan view and including the anchor trench of installed 60 mil Textured HDPE Liner measured in place.
2. Payment: The unit price bid per square yard for this item will be full compensation for all labor, materials, tools, equipment, quality control, surveying, testing equipment, cleaning the tie-in area to existing and performing the tie-in with the existing liner, supervision, and incidentals (including anchor trench) required to furnish approved materials and install the 60 mil Textured HDPE Liner as shown on the Drawings and specified herein.

Items 14 – Wind Defender

1. Measurement: The quantity of Wind Defender which will be paid for under this item will be the number of square yards as measured in the two-dimensional plan view and including the anchor trench of Wind Defender measured in place.
2. The unit price bid per square yard for this item will be full compensation for all labor, materials, tools, equipment, quality control, surveying, testing equipment, supervision, and incidentals required to furnish approved materials and install the Wind Defender as shown on the Drawings and specified herein.

Items 15 – Anchor Trench

1. Measurement: The quantity of Anchor Trench to be paid for under this item will be the actual number of linear feet of Anchor Trench in place measured horizontally along the centerline of the installed Anchor Trench.
2. Payment: The unit price bids per linear foot for this item will be full compensation for all labor, materials, tools, equipment, supervision and incidentals required for constructing the Anchor Trench as shown on the Drawings and specified herein, including but not limited to trench excavation and backfilling, cleaning, testing, certifying surveying, and all other appurtenances

Item 16 – Depression Area Backfill

1. Measurement: The quantity of Depression Area Backfill, which will be paid for under this item will be the actual number of cubic yards of unclassified backfill material as measured by load counts.
2. Payment: The unit price per cubic yard for this item will be full compensation for placing backfill to the design grade as shown on the Drawings and specified herein including but

not limited to borrow source excavation, hauling, and backfilling; compaction, quality control and surveying; drainage and dewatering; sheeting and bracing; test pits to verify location and depth of existing buried utilities and other facilities; care and protection of existing utilities and structures; site restoration; conformance to all federal, state, and county Standards and requirements; and all other work required or incidental to the satisfactory completion of all Work under this contract for which payment is not provided under other items in the bid form. No Final Payment will be made for any backfill for which certifying surveys required by Section 01050 have not been submitted and approved by the ENGINEER.

END OF SECTION

Bid # 21-041
Georgetown County Solid Waste Facility
Closed Pre-1992 Unlined MSW Landfill
Corrective Action Plan
Revised Per Addendum No. 3

Bid Item	Description	Estimated Quantity	Unit	Unit Price
1	Mobilization and Insurance	1	LS	
ISCR PRB				
2	Silt Fence	250	LF	
3	Strip/Stockpile Topsoil (6-inch depth)	450	SY	
4	Excavation/Stockpile Low Permeable Soil (8-foot depth)	1,185	CY	
5	Sandy Soil Backfill (2-foot depth)	300	CY	
6A	Reagent Purchase and Delivery-Redox Solutions FerroBlack Fe+ (3% wt. Soil)	150,000	lbs	
6B	Reagent Purchase and Delivery - Redox Tech ZVI Blend (7% wt. Soil)	350,000	lbs	
7	Reagent Placement and Mixing	1	LS	
8	Low Permeable Soil Backfill	900	CY	
9	Topsoil Placement (6-inch depth)	450	SY	
10	Seeding and Mulching	450	SY	
FINAL COVER SYSTEM				
11	Mowing	9	AC	

12	Chain Link Fence with Two 4-foot wide Swing Gates	2,750	LF	
13	HDPE Liner	38,720	SY	
14	Wind Defender	38,720	SY	
15	Anchor Trench	2,675	LF	
16	Backfill Depression Areas (General Backfill)	800	CY	

Base Bid
Total in
Words:



ADDENDUM ACKNOWLEDGEMENT

BID #21-041

Landfill Corrective Action Construction Mandatory Submittal Form

To be returned with the final proposal submission to Georgetown County.

COMPANY NAME: _____

Addendum #1 Received Date: _____ Initialed By: _____

Addendum #2 Received Date: _____ Initialed By: _____

Addendum #3 Received Date: _____ Initialed By: _____

Addendum #4 Received Date: _____ Initialed By: _____

Addendum #5 Received Date: _____ Initialed By: _____

Addendum #6 Received Date: _____ Initialed By: _____