

February 19, 2025

**ADDENDUM NO. 5
TO THE
CONTRACT DOCUMENTS
FOR
CUMBERLAND COUNTY TRANSFER STATION**

To All Plan Holders:

The following revisions, additions and clarifications are hereby made part of the Contract Documents for the above-referenced project and shall be taken into account in the preparation of all Bids and the execution of all work. Bidders shall acknowledge receipt of the Addendum in the appropriate space on the Proposal Form. Failure to do so may result in your Bid being considered non-responsive.

The Bid has been revised to include the installation of the 12" HDPE waterline for the fire suppression system in the transfer station as well as a 4" HDPE waterline to provide domestic service to the transfer station and other existing structures located in the vicinity of the proposed transfer station.

I. ATTACHMENTS

- AD5-1. *Waterline Installation Drawings*
- AD5-2. *Waterline Installation Specifications*
- AD5-3. *Revised Bid Form*
- AD5-4. *Concrete Washout detail*

II. QUESTIONS AND ANSWERS

Questions are provided below in *italics* followed by S+G's response in **bold**.

- AD5-5. *Regarding the existing "outlet structure" shown on Drawing S5/S6: are we responsible for any connecting storm drain piping and headwall? Or just the rip-rap and dissipator stone?*

The Contractor is responsible for erosion control items that have not been installed and maintenance of items that exist. There is no storm piping proposed for the current construction.

- AD5-6. *Can reinforced concrete pipe encasement for the under-slab 8" leachate drain be provided in lieu of the 16" steel casing pipe as currently detailed.*

No. Contractor will provide steel casing as indicated on the drawings.

- AD5-7. *Please confirm location / details for the required concrete washout pit onsite.*

The County, Engineer and Contractor will coordinate a location for the concrete cleanout in the vicinity of the proposed transfer station. See attached detail.

AD5-8. *Can a 12" 'flat top section' be provided for the Leachate Pump Station manhole, then have the 10'x10' cast-in-place concrete pad encompass the flat top, in lieu of the proposed 12" thick cast in-place slab being field formed to serve as the manhole top (Drawing LM1):*

No, provide Leachate Pump Station as detailed.

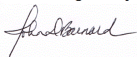
AD5-9. *Please confirm there is no concrete liner/interior protective coatings required for the new Leachate Pump Station.*

There are no liners or required protective coatings required in the leachate pump station.

END OF ADDENDUM

Submitted by,

SMITH GARDNER, INC.

DocuSigned by:

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John D. Barnard, P.E.
Senior Engineer
johnb@smithgardnerinc.com

Attachments Revised Bid Form
Concrete Washout Detail

Cc: Plan Holders
Amanda Lee
Johnny Scott
File

Bid Form

Cumberland County Municipal Solid Waste Transfer Station Fayetteville, NC

Bidder agrees to perform all the work described in the Specifications and shown on the Contract Drawings for the lump sum and unit prices listed in the Bid Schedule(s) below.

Measurement and Basis for Payment:

Some of the line items in the Bid Schedule(s) may include approximate quantities as estimated by the Engineer. The Contractor shall not rely on the quantities given, but shall instead estimate all quantities independently as required to complete the Proposal. The Bid Schedule(s) outlines each item and the corresponding lump sum or unit price listed by the Contractor. The price associated with each lump sum item shall be the full compensation paid for the work described, regardless of the Engineer's or Contractor's estimated quantity. For Lump Sum items, no claim shall be made by the Contractor for deviations between the Contractor's estimated and the actual quantity required to complete the work described, wherein no measurement will be made.

A description of measurement and payment for each Lump Sum and Unit Price Bid item can be found in Section 01025, Measurement and Payment, of these Specifications.

Unit Price Deviations:

The Bidder is responsible for providing unit prices consistent with typical industry norms for the work described. Unit prices which appear inconsistent with typical prices for similar work shall be justified by the Bidder at the request of the Engineer. Providing unit prices which do not reasonably reflect the work described, either high or low, which are not justified satisfactorily to the Engineer, may deem the Bidder non-responsive and invalidate the Bidder's Proposal.

A1. Base Bid Schedule – Transfer Station:

Pay Item Number	Description	Spec. Reference	Estimated Quantity ¹	Units	Unit Cost	Extended Cost
1	Site Preparation	02110	3.7	AC	Lump Sum	
2	Excavation to Stockpile	02222	3,900	CY	Lump Sum	
3	Excavation-to-Embankment	02222/02223	3,600	CY	Lump Sum	
4	Over-excavation and Backfill	02222/02223	100	CY	Lump Sum	
5	Erosion and Sedimentation Control (Maintenance and Installation)	02270	1	LS	Lump Sum	
6	Aggregate Paving	02500	10,650	SY	Lump Sum	
7	Concrete Paving - Pavement and Ramps	02500	1,370	SY	Lump Sum	
8	1.5" HDPE Waterline	02616	160	LF	Lump Sum	
9	8" PVC Leachate Drainage Line	02616	345	LF	Lump Sum	
11	Precast Concrete Oil Water Separator	02608	2	EA	Lump Sum	
12	PVC Roof Drainage System	02616	370	LF	Lump Sum	
13	Leachate Pump Station	11316	1	LS	Lump Sum	
14	Leachate Forcemain	02614	1	LS	Lump Sum	
15	Revegetation	02930	1.5	AC	Lump Sum	
16	Hydrostatic Pit Scales	11995	4	EA	Lump Sum	
17	Structural Concrete (Foundations and Floor)	DWG	1	LS	Lump Sum	
18	Concrete Floor Overlay	DWG	1	LS	Lump Sum	
19	Concrete Retaining Walls (Site)	DWG	2	LS	Lump Sum	
20	Steel Plated Concrete Lifter and Push Walls	DWG	1	LS	Lump Sum	
21	Pre-Engineered Metal Building	DWG	1	LS	Lump Sum	

Pay Item Number	Description	Spec. Reference	Estimated Quantity ¹	Units	Unit Cost	Extended Cost
22	Plumbing (Domestic Service)	DWG	1	LS	Lump Sum	
23	Mechanical	DWG	1	LS	Lump Sum	
24	Fire Suppression	DWG	1	LS	Lump Sum	
25	Electrical	DWG	1	LS	Lump Sum	
26	Utility Connections/Relocations	DWG	1	LS	Lump Sum	
27	Mobilization, Bonds, and Insurance	01025	1	LS	Lump Sum	

The TOTAL BASE BID PRICE for the pay items listed above is as follows:

(In Words) _____ Dollars and _____ Cents.

(In Numbers) (\$ _____)

Notes:

1. Engineer's estimated quantities are based on in-place quantities. Areas and lengths are based on horizontally projected areas and lengths. No adjustments have been made for stripping topsoil, slopes, uneven contours, overlaps, seams, anchor trenches, compaction factors, etc.

A2. Base Bid Schedule – Waterline Installations:

Pay Item Number	Description	Spec. Reference	Estimated Quantity ¹	Units	Unit Cost	Extended Cost
1	Site Preparation	02110	1	AC	Lump Sum	
2	Excavation	02222	2000	CY	Lump Sum	
3	Over-excavation and Backfill	02222/02223	7500	CY		
4	Aggregate Paving	02500	590	SY	Lump Sum	

Pay Item Number	Description	Spec. Reference	Estimated Quantity ¹	Units	Unit Cost	Extended Cost
5	Concrete Paving – Repair to Jack and bore pit.	02500	30	SY	Lump Sum	
6	4" HDPE Waterline	02616	2910	LF	Lump Sum	
7	12" HDPE Waterline	02616	2800	LF	Lump Sum	
8	Precast Concrete Air Release Manhole-60" Dia.	02608	1	EA	Lump Sum	
9	Precast Concrete Air Release Manhole-72" Dia.	02608	1	EA	Lump Sum	
10	Revegetation	02930	1	AC	Lump Sum	
11	Utility Connections/Relocations	DWG	1	LS	Lump Sum	
12	Mobilization, Bonds, and Insurance	01025	1	LS	Lump Sum	

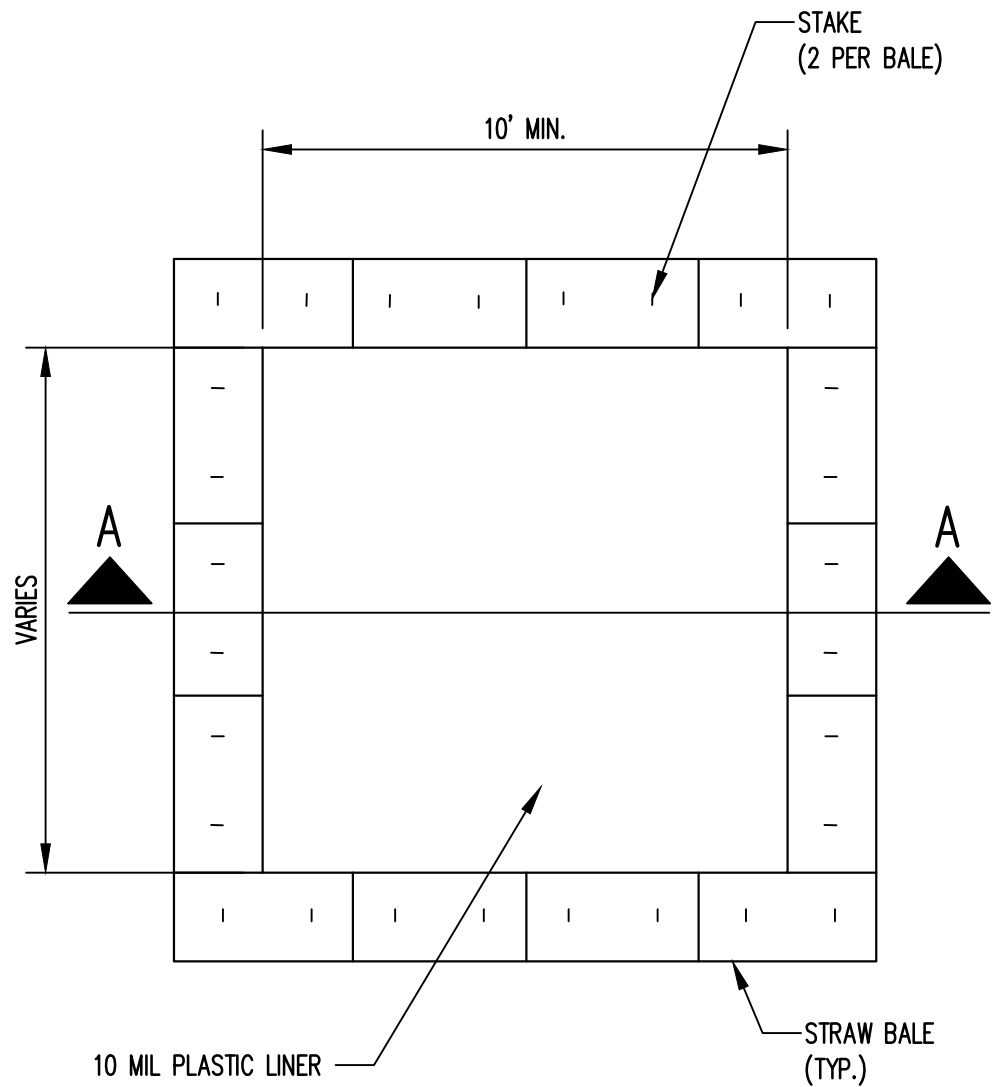
The TOTAL BASE BID PRICE for the pay items listed above is as follows:

(In Words) _____ Dollars and _____ Cents.

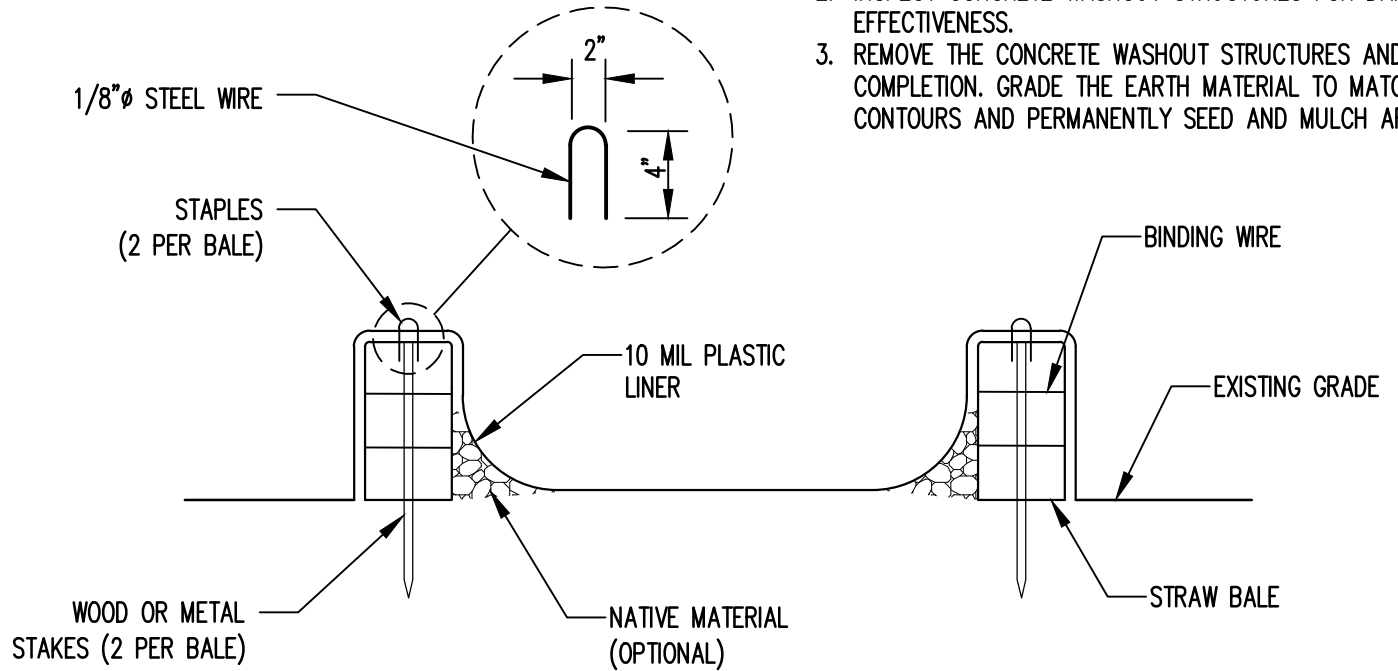
(In Numbers) (\$ _____)

Notes:

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PLAN



SECTION A-A

NOTE:

1. ALTERNATIVES MUST FOLLOW EPA AND STATE GUIDELINES.

MAINTENANCE REQUIREMENTS:

1. MAINTAIN THE CONCRETE WASHOUT STRUCTURE(S) TO PROVIDE ADEQUATE HOLDING CAPACITY PLUS A MINIMUM FREEBOARD OF 12 INCHES. REMOVE AND DISPOSE OF HARDENED CONCRETE AND RETURN THE STRUCTURE TO A FUNCTIONAL CONDITION AFTER REACHING 75% CAPACITY.
2. INSPECT CONCRETE WASHOUT STRUCTURES FOR DAMAGE AND MAINTAIN FOR EFFECTIVENESS.
3. REMOVE THE CONCRETE WASHOUT STRUCTURES AND SIGN UPON PROJECT COMPLETION. GRADE THE EARTH MATERIAL TO MATCH THE EXISTING CONTOURS AND PERMANENTLY SEED AND MULCH AREA.

CONCRETE WASHOUT AREA

DETAIL NOT TO SCALE

4
EC1