

Gaston County

Gaston County Board of Commissioners www.gastongov.com

Public Works Board Action

File #: 25-182

Commissioner Cloninger - Public Works - To Award a Construction Contract to Advanced One Development, LLC and Authorize the County Manager, or His Designee, to Execute the Necessary Contracts for Wellfield Expansion at the Gaston County Landfill (\$784,550)

STAFF CONTACT

Dan Ziehm, PE - Public Works Director - 704-862-6795 Ray Maxwell, PE - Executive Director, Office of Capital Improvements - 704-862-7551

BUDGET IMPACT

N/A

BACKGROUND

The Gaston County Solid Waste and Recycling Division is committed to providing a safe, economical, and environmentally sensitive waste facility for the citizens and businesses of Gaston County that meets or exceeds all applicable State and/or Federal regulations. As part of that commitment, the Division continually looks for ways to optimize gas collection, transmission, and power production at the Renewable Energy Center. Over time, more gas is generated in newer landfill cell areas being filled with waste. Older sections of the collection system also need maintenance to ensure optimal operation. To best maximize the potential gas recovery from the landfill, the Division solicited an assessment of the current system. Now with the results of that assessment, it is necessary for the Division to expand the wellfield. The construction bid for the Wellfield Expansion was publicly advertised on February 14, 2025, in the Charlotte Observer, HUBSCO, the Gaston County website, and Duncan Parnell. A non-mandatory pre-bid was held at the site on February 24, 2025. Sealed bids were publicly opened on March 20, 2025, with the following results:

(Continued on Page 2)

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						BELOW THIS I		Ç.:	
	. Buff, Clerk t he Board of C					ereby certify	that the	above is a	true and correct copy of action
NO.	DATE	M1	M2	JBailey	CBrown	CCloninger	AFraley	BHovis	TKeigher SShehan Vote
2025-130	04/22/2025	вн	SS	Α	Α	Α	АВ	Α	AB U
DISTRIBU									

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Page 2

Contractor	Bid Amount
Advanced One Development, LLC	\$784,550.00
Mountaineer Contractors	\$888,150.00
Integrity Environmental Solutions	\$1,307,660.00
Shamrock Construction & Remediation	\$1,319,570.00
SCS Field Services	\$1,330,235.00
American Environmental Group	\$1,605,567.50

In addition to construction, and to comply with State and Federal regulations, Gaston County is required to provide project administration and testing services for construction. HDR Engineering, Inc. of the Carolinas is the engineer of record and will be charged with oversight of the project as it relates to design permit approval, and management of quality assurance and testing. These additional services are required by NCDEQ.

Based on the bids received, this Board Action deems Advanced One Development, LLC as the General Contractor submitting the lowest, responsive, responsible bid. Approval of this Board Action formally selects Advanced One Development, LLC as the successful contractor, directs the County Attorney to draft all necessary contract documents and authorizes the County Manager, or his designee to execute the necessary contracts for construction, oversight, and testing services, and transfers the required funds into the appropriate construction account for expenditure purposes.

POLICY IMPACT

N/A

ATTACHMENTS

Budget Change Request (BCR), Recommendation Letter and Certified Bid Tabulation

GASTON COUNTY BUDGET CHANGE REQUEST (BCR)

FROM:	thew Rhoten, County Manager SWS Public Works - Soli							
De	pt. Code Departmer Daniel K. Ziehm, PE	nt Name 3-24-2025						
-	Department Director	Date						
REQUEST TYPE:								
Line-Item Transfer V	Vithin Department & Fund	Line-Item Transfer Betwee	Line-Item Transfer Between Funds* Additional Appropriation of Funds*					
Project Transfer With	hin Department & Fund	Additional Appropriation of						
Line-Item Transfer B	Between Departments	* Requires resolution by the Boar	* Requires resolution by the Board of Commissioners					
ACCOUNT DESCRIPTION		NT NUMBER 5 7 4 2 6 5	AMOUNT**					
As it appears in Munis Ex. Employee Training	4 3 3 5 6 Fund Dept Div SubDiv Pr XXXX XXX XXX XXXX XXXX XXXX Ex. 1000-BGT-000-00000-C	Ex. \$5,000.00 Ex. (\$5,000.00)						
Other Improv & Cap Outlay	6000-SWS-380-00000-000000-00	(\$730,219.00)						
Vellfield Expansion	6000-SWS-380-00000-000000-000	00000-0000-08-540006-18097	\$730,219.00					
JUSTIFICATION FOR REQUE This Budget Change Request moves a account. These funds will cover the co gas extraction wells. No additional app	available funds from the Other Impro	ovements and Capital Outlay account into t the wellfield expansion project including th	he Wellfield Expansion e addition of multiple new					

^{**} Decreases in expenditures and increases in revenue accounts require brackets. Increases in expenditures and decreases in revenue do not require brackets. Please note that transfers between funds require inter-fund transfer accounts.



March 28, 2025

Marcie Smith, Assistant Director of Environmental Services Gaston County Solid Waste Department P.O. Box 1578 Gastonia, NC 28053-1578 Marcie.Smith@gastongov.com

RE:

Gaston County Landfill Project Bid Information Gaston LFG 2025 Expansion HDR Project No. 10388807

Dear Ms. Smith,

HDR Engineering, Inc. of the Carolinas (HDR) has reviewed the bids received by Gaston County on March 20, 2025, at 2:00 pm for the Gaston LFG 2025 Expansion project at the Gaston County Landfill. The project includes the furnishing of all materials, labor, equipment and all that may be incidental to construction of an expansion to the landfill gas collection and control system at the Gaston County Landfill. The following information is provided regarding HDR's evaluation of bids received.

Six (6) bids for the above-referenced project were received by the Gaston County Solid Waste Department and reviewed by HDR. Bids were received from the following contractors and are listed in order based on lowest to highest bid:

1.	Advance One Development, LLC	\$784,550.00
2.	Mountaineer Contractors	\$888,150.00
3.	Integrity Environmental Solutions	\$1,307,660.00
4.	Shamrock Construction & Remediation	\$1,319,570.00
5.	SCS Field Services	\$1,330,235.00
6.	American Environmental Group	\$1,605,567.50

The bids were examined for accuracy and compliance with the bid requirements. References were checked, and pursuant to all bid qualification documentation being accepted, the apparent low bidder was chosen.

Recommendations

Based on the low apparent bidder and accurate compliance with the bid requirements and qualifications, HDR recommends that the County enter into a contract with Advance One Development, LLC for this project.

HDR appreciates the opportunity to provide continued service to Gaston County. Please feel free to contact me if you have questions regarding this information.

Sincerely,

HDR Engineering, Inc. of the Carolinas

Michael D. Plummer

Solid Waste Area Manager



Bid Tabulation Sheet Summary Gaston LFG 2025 Expansion Bids Received March 20, 2025 at 2:00pm

CONTRACTOR:			: Advance One Development, LLC		Mountaineer Contractors		Integrity Environmental Solutions		Shanrock Construction & Remediation		SCS Field Services		American Environmental Group		
					industrial delications		and gray current contacts		Olimin Dell Collaboration & Remediation		DOOT ICLE COLVICES		American Environmental Group		
100000											1881 Campus Commons Dr, Suite				
ADDRESS:			: 10600 Nations Ford Road Charlotte, NC 28273		15237 S Preston Hwy, P.O. Box 606 Kingwood, WV 26537		1127 South Curtis St Monroe, NC 28112	treet, Suite 100	503 Patton Avenue Greensboro, NC 27406		450 Reston, VA 20191		3600 Brecksville Rd, Suite 100		
PHONE			704.841.1610		304,329,2129		740,283.9765		336,420,3007		800.767.4727		Richfield, OH 44286 330,659.5930		
							704.283.9764						330,659.5931		
LICENSE #:				L.76264		L,85737		L.100972		L.43125		L.65038			
STATUS:				Active		Active		Active		Active		Active			
EXPIRATION		12/31/2025		12/31/2025		12/31/2025		12/31/2025		12/31/2025		12/31/2025			
											Public Utilities, H (Grading &		1		
CLASSIFICATION		CATION	Building		Highway, Public Utilities		Building		Unclassified		Excavating)		Public Utilities		
Item		Estimated			-									 	
No.	Description	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
Base	Bid Price for Contract													<u> </u>	
1		1	LS	\$ 50,000.00	\$ 50,000.00	\$ 53,800.00	\$ 53,800.00	\$ 25,000.00	\$ 25,000.00	\$ 51,281.00 \$	51,281.00	\$ 165,625.00	165,625.00	\$ 51,000.00	\$ 51,000.00
2	Bonds, Insurance, and Mobilization Erosion and Sediment Control		7.0		* ******			l							
3	Surveying and Controls	1	LS LS	\$ 5,000.00 \$ 9,500.00		\$ 20,200.00 \$ 29,300.00		\$ 10,000,00 \$ 10,000,00		\$ 11,875.00 \$ \$ 62,687.00 \$	11,875.00	\$ 30,000.00 S			
Ĭ ă	Wellhead Assembly	18	EA	\$ 22,500.00			\$ 27,900,00	,,,,,,,,,	\$ 10,000.00	- \$	62,687,00 56,610,00	\$ 20,000.00			\$ 39,500.00 \$ 21,600.00
5	Vertical LFG Well	850	VF	\$ 100.00		1		\$ 500.00				s 147,00 S			
6	Vertical LFG Well Abandonment	150	VF	\$ 20,00		\$ 105.00		\$ 20.00		\$ 61.00 S	9,150.00	\$ 50,00			
7	Benching	1	LS	\$ 8,800,00		\$ 18,000,000		\$ 15,000.00		\$ 53,350,00 \$	53,350,00	\$ 9,800,00		\$ 25,600.00	
8	12-inch Header HDPE Pipe	1,400	LF	\$ 60.00		\$ 65,00		\$ 60.00				\$ 68.00			
9	12-inch Header HP Access	2	EA	\$ 7,000.00			\$ 13,000,00		\$ 10,200,00	- s	18,264.00				\$ 16,700.00
10	12-inch Header Isolation Valve	ı	EA	\$ 7,500.00	\$ 7,500,00	\$ 7,100.00	\$ 7,100.00	\$ 6,000.00	\$ 6,000.00	\$ 12,260.00 \$	12,260,00	\$ 11,310,00 5		\$ 6,000,00	
11	8-inch Subheader HDPE Pipe	1,450	LF	\$ 45.00		\$ 62,000	\$ 89,900.00	\$ 50.00	\$ 72,500.00	\$ 84.80 \$	122,960,00	\$ 94.00 9	136,300.00	\$ 90.50	\$ 131,225.00
12	8-inch Subhender HP Access	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 4,375.00	\$ 4,375.00	\$ 4,800.00	\$ 4,800.00	\$ 10,660.00 \$	10,660.00	\$ 15,700.00 \$			
13	4-inch Lateral Pipe	1,400	LF	\$ 32.00		\$ 40.00		\$ 34,00	\$ 47,600.00	\$ 49.60 \$	69,440,00	\$ 62.00 \$	86,800.00	\$ 102.75	\$ 143,850.00
14	Condensate Forcemain Pipe	2,600	1F	\$ 30.00		\$ 29.00		\$ 24.00		\$ 27.70 \$	72,020.00	\$ 35.00 \$		\$ 27.50	
15	Air Line Pipe	3.850	LF	\$ 10.00		\$ 5.50		\$ 8,00		\$ 14,90 \$	57,365,00	\$ 10,00 \$		\$ 4.75	
16	** 1	4	EA	-	\$ 14,000.00		\$ 26,000,00	-	\$ 28,800.00	- s	45,416,00	- (48,120.00	-	\$ 21,540.00
.,	Header and Air Line Isolation Valve 24-inch CPP Culvert	320		l						1 .					
17 18	Condensate Sump	2	LF EA	-	\$ 64,000.00 \$ 30,000.00		\$ 20,800,00 \$ 77,000,00		\$ 52,800.00	- \$	22,206,00	- 3			\$ 57,750,00
19	Condensate/Air Valve	6	EA		\$ 12,000.00		\$ 77,000.00 \$ 9,840.00		\$ 40,000.00 \$ 29,100.00	· \$	68,084,00	- 5	,	1	\$ 91,000,00
20	Channel Grading	1.360	LF		\$ 27,200.00		\$ 11,560,00		\$ 29,100.00 \$ 30,260.00		60,318.00 11,832,00	- 1			\$ 33,000.00 \$ 59,840.00
21	Seeding	22	AC	\$ 3,500.00			\$ 63,800.00		\$ 220,000,00	\$ 7,210,00 \$	158,620.00	\$ 3,170,00 S		\$ 17,500,00	
	Contingency	1	LS	\$ 50,000.00		\$ 50,000.00		\$ 50,000.00		\$ 50,000,00 \$	50.000.00	\$ 50,000,00			
	Total Base Bid Price For	Contract			550.00	\$888.1		\$1,307,		\$1,319,57		\$1,330,2		\$1,605,	
\vdash								7.,,==:,		4.,5,5.		4 1,000,2		0.,,,,,,	
All Addenda Acknowledged			Y	es	Ye	s	Did not acknowled	ge addendium 2	Yes		Yes		Ye	6	
MWBE	·			Yes		Yes		Yes		Yes		Yes		Yes	
Evidence of Qualification to conduct business			Yes		Yes		No		Yes		Yes		No.		
Project Experience (completed & current)			Yes		Yes		Yes		Yes		Yes		Yes		
Resumes			Yes		Yes		No		Yes		Yes		No.		
Bid Bond (5%)			Y	98	Ye	s	Ye	s	Yes		Yes		Υε	s	
	trregularities (see highlighted areas on form)														
								Line Item 15 Air Line		1				1	1
							incorrectly tallied at 3							I	
								of 3,850 LF. The tota		l					l
								incorecct because a						l	- 1
								revised the quantity of	number.	I				l	
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CERTIFICATION: This is certified to be an accurate tabulation of bids received for the project.

Bid Tebulation Summary_Gaston LFG 2025_20250324.xlsx