

RFP # 22-0372
ADDENDUM NO. 2
ISSUED DECEMBER 15, 2021
REQUEST FOR PROPOSAL
LANDFILL GAS-TO-ENERGY DEVELOPMENT PROJECT FOR THE
NEW HANOVER COUNTY SECURE LANDFILL

This addendum becomes part of the Request for Proposal (RFP) issued on November 21, 2021. All concerned are requested to see that this addendum is incorporated into the RFP. Each proposal submitted shall acknowledge receipt of this addendum on Form A – Proposal Submittal Form. Failure to do so does not remove the responsibility to comply with the changes and additions made in this addendum.

A non-mandatory pre-proposal submittal meeting was held in the New Hanover County Environmental Management Department Conference Room on December 7, 2021, starting at 2:00 p.m. EST. The following information was conveyed and discussed during the meeting.

1. Sign-in of Meeting Attendees. Meeting attendees' sign in sheet attached. Attendees not in-person attended virtually using MS Teams. Those that attended in-person were provided a tour of the landfill and existing infrastructure related to the RFP scope of work. Possible locations for a landfill gas-to-energy project facility was discussed. Possible locations included near the existing landfill gas blower skid and flare and near the landfill entrance.

Those attending virtually were Jeff Dellinger with Crowder Industrial Construction; Kristofer Carlson and Peggy Churchill with Carlson Environmental Consultants, PC; and Michael Curran and Carlos Laframboise with Landfill Group Company.

2. Summarized the RFP scope of work.

New Hanover County is issuing this Request for Proposal (RFP) to solicit proposals from qualified companies to develop a Landfill Gas-to-Energy (LFGGE) project and related facilities for commercial and beneficial use of the landfill gas (LFG) collected at the Landfill and to make payments to the County in exchange for receiving landfill gas.

New Hanover County shall consider proposals outlining technically and financially feasible beneficial uses of the LFG, including electrical power generation, direct-use by industrial users as medium-BTU fuel, production of renewable natural gas (RNG), or other suitable technologies.

Includes, but is not limited to, planning, regulatory permitting, financing, design, construction, operation, maintenance, and environmental monitoring services for facilities associated with the beneficial use of landfill gas.

Does not include the operation, maintenance, construction, regulatory compliance, or monitoring for the existing and future LFG collection wellfield and piping and LFG blower skid and flare.

The County reserves up to 700 scfm of LFG from the total collected for the duration of the LFG Agreement. This reserved LFG flow is for a future leachate evaporator. RFP respondent can provide as part of their proposal an option for using an alternate energy source for the evaporator as long as it is economically viable to the County.

3. Communicated to the attendees on where to obtain the RFP document on the County's website. Electronic version of RFP and any addendums located on County website: <https://finance.nhcgov.com/purchasing-solicitation/open-and-closed-bids/>. No issues from attendees on downloading the RFP document from the website were presented at the meeting.

It was recommended to the attendees that they check the website periodically for issued addendums.

4. RFP schedule was reviewed.
 1. RFP issued on November 21, 2021
 2. Questions due by 5:00 p.m. EST on January 11, 2022
 3. Response to questions by 5:00 p.m. EST on January 18, 2022
 4. Proposal submittal due by 2:00 p.m. EST on February 22, 2022
 5. Submitted proposals review period: up to 120 calendar days
5. Summarized the process for selecting a proposal and the subsequent landfill gas agreement.
 - Negotiated with submitter of the proposal selected by the County. Any potential agreement resulting out of the negotiations following the RFP process will include specific contract terms pertaining to site use, financing, operations, compensation, ownership, security, insurance, indemnification, warranties, performance guarantees, and other appropriate provisions.
 - Duration for twenty (20) years, with the County having the option to extend the term for a maximum of two (2), five (5) year incremental periods.
 - LFGE Project Facility shall be complete and operational within twenty-four (24) months from signing of a Landfill Gas Agreement. Without a County agreed upon extension, the Landfill Gas Agreement will become void after twenty-four months from signing the Landfill Gas Agreement, if the LFGE Project Facility is not complete and operational.

6. Any inquiries, requests for interpretation, questions, clarification, or additional information shall be directed to:

Albert Glenn P.E.
SCS Engineers, PC
2520 Whitehall Park Drive, Suite 450 Charlotte, North Carolina 28273
Office: 704-916-1534
Cell: 704-787-3074
Email: aglenn@scsengineers.com

7. Reviewed proposal preparation and submittal process (RFP document Section 5). Submit one (1) original of the proposal and one (1) electronic copy in the form of a PDF file on either a CD or flash drive in a sealed envelope properly marked “Landfill Gas-to-Energy Development Project for the New Hanover County Secure Landfill - RFP # 22-0372” and with the name and address of the RFP respondent. No facsimile or e-mail submissions will be accepted.

Proposals submitted to:

New Hanover County Environmental Management Department Attention: Kim Roane,
Business Officer
3002 U.S. Highway 421 North; Wilmington, North Carolina 28401

Proposal submittal shall include, at a minimum:

- Letter of Interest
- Proposal Security (\$10,000)
- Completed Proposal Forms A, B and C. Located in RFP document Attachment B.
- Written responses to items in RFP document Section 5.1.4.
 - Parent Company Confirmation
 - Qualifications and Experience
 - Notice of Violations and Compliance Actions
 - Project Approach and Scope of Work Assumptions
 - Project Schedule
 - Financing the LFGE Project
 - Other Innovative and Alternative Recommendations
- A sample landfill gas agreement. The sample agreement should include any specific language, terms and conditions respondents would like to be included in the final agreement, if their proposal is chosen.

MEETING QUESTIONS AND DISCUSSIONS

1. It was stated during the meeting that in-person attendance was not mandatory, as stated in Addendum 1.
2. Is there any specified size for the land lease?

Response: No specified size, will be included as part of the landfill gas agreement negotiation.

It was asked of attendees as to what size is needed. Response was 2-acres.

3. It was stated that the RFP has the County reserving up to 700 scfm of collected landfill gas for operation of a future leachate evaporator at the landfill. An alternate fuel source for the evaporator can be proposed as part of RFP respondents' proposal, with 100% of the collected landfill gas going to a landfill gas-to-energy project. Will consider if makes financial and operational sense to New Hanover County.
4. Is there any guidance for proposing other payment scenarios other than what is outlined in the RFP?

Response: If RFP respondent proposing different payment schedule to the County for receiving landfill gas different than what is provided in the RFP document, provide detailed approach as part of submitted proposal.

5. Hydrogen sulfide in the landfill gas is around 5,000 ppm?

Response: Correct, laboratory testing of landfill gas collected at the flare inlet pipe is included as part of the RFP document. The hydrogen sulfide is presumed to be coming from waste incinerator ash landfilled in Cells 2-6E. The landfill stopped disposing of incinerator ash in 2011.

6. What to do with liquids removed from landfill gas?

Response: Can utilize the existing or future conveyance piping network.

7. Who is the electricity and natural gas suppliers to the landfill and area?

Response: Duke Energy and Piedmont Natural Gas.

8. Can the operation, maintenance and monitoring (OM&M) of the landfill gas collection and control infrastructure by the respondent be included as part of their proposal?

Response: It can be but the current intent of the County and RFP scope of work is for the County to continue with the landfill gas collection and control infrastructure OM&M.

QUESTIONS RECEIVED AFTER THE MEETING

A question received on December 8, 2021 from Michael McLaughlin with Archaea Energy via an email that read, “I wanted to ask another question regarding the future leachate evaporator. Do you know of any potential size (i.e. gallons evaporated)?”

Response: Evaporation of at least 40,000 gallons per day.

END OF ADDENDUM

Pre-Proposal Submittal Meeting Attendees
New Hanover County RFP # 22-0372
Landfill Gas-to-Energy Development Project for the New Hanover County Secure Landfill
Tuesday, December 7, 2021 started at 2:00 p.m.

COMPANY/ORGANIZATION	REPRESENTATIVE	PHONE NUMBER	EMAIL
SCS Engineers, PC	Albert Glenn	704-787-3074	aglenn@scsengineers.com
SCS Engineers, PC	Mary Kennamer	512-417-1837	mkennamer@scsengineers.com
New Hanover County	Kim Roane	910-798-4402	kroane@nhcgov.com
New Hanover County	Joe Suleyman	910-798-4403	jsuleyman@nhcgov.com
New Hanover County	Sam Hawes	910-798-4454	shawes@nhcgov.com
American Energy Producers	Gene Waller	770-670-3673	h.ygene@aepgtc.com
Archaea Energy	Michael McLaughlin	856-325-7731	mmclaughlin@archaea.energy
Evensol LLC	David Wentworth	541-719-1106	dwentworth@evensol.com
Noresco	Geoff Schroeder		gschroeder@noresco.com
Civil Works Contracting	Patrick Paluso	910-742-8582	ppaluso@civilworkscontracting.com
Avolta	Jim Ruggles	704-778-0750	james.ruggles@avoltadevelopment.com

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New Hanover County RFP # 22-0372
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COMPANY/ORGANIZATION	REPRESENTATIVE	PHONE NUMBER	EMAIL
LFG Development, LLC	Vance Kemler	940-367-8502	avkemler@lfgdev.com
LFG Development, LLC	James Tomlinson	713-885-3062	jtomlinson@lfgdev.com
Pine Creek	Kevin Orchard	862-222-6152	kevin.orchard@pinecreekrng.com
Morrow Energy	Areyon Stocks	505-259-9918	astocks@morrowenergy.com
Crowder Industrial Construction	Jeff Dellinger	864-661-1731	jdellinger@crowderusa.com
Carlson Environmental Consultants, PC	Kristofer L. Carlson	704-283-9765	kcarlson@cecenv.com
Carlson Environmental Consultants, PC	Peggy Churchill		pchurchill@cecenv.com
Landfill Group Company	Michael Curran	704-841-1610	Michael.Curran@landfillgroup.com
Landfill Group Company	Carlos Laframboise	704-844-8990	Michael.Laframboise@landfillgroup.com
ProPump & Control	Warren Fischer	910-530-2945	wfischer@propumpservice.com
ProPump & Control	James McGuire	615-207-8928	sfmcguire@propumpservice.com