



## CARLSON ENVIRONMENTAL CONSULTANTS, PC

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LANDFILL GAS, AIR PERMITTING, AND REGULATORY COMPLIANCE SERVICES

### ADDENDUM NO. 1

BIDDING DOCUMENTS  
IREDELL COUNTY SOLID WASTE FACILITY LANDFILL  
FY22 LANDFILL GAS COLLECTION SYSTEM EXPANSION PROJECT  
STATESVILLE, NC

**TO:** All Potential Bidders

**FROM:** Brock D. McNabb, P.E.  
Carlson Environmental Consultants, PC

**DATE:** November 11, 2021

This addendum becomes a part of the original Bidding Documents. The following items are issued to add, modify, and clarify the Bidding Documents. These items shall have the full force and effect as the Bidding Documents, and the cost involved shall be included in the bid prices. Bidder shall acknowledge receipt of this addendum in the space provided on the bid form. Failure to do so does not remove the Bidder's responsibility for complying with the changes made in this addendum.

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### CLARIFICATIONS

- C1:** There is a typo for the due date in the bid documents in Section 00020. The bids are due on **November 29, 2021** at 2:00pm.
- C2:** There is a discrepancy in the bid documents for final questions in Section 00100. The last day for questions will be Tuesday, November 24, 2021. The final addendum will be issued by Thursday, November 25, 2021.
- C3:** Sections 00020, 00100, 00300 and 00405 have been revised and attached to this addendum to replace the errant documents previously sent out.

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### **QUESTIONS**

**Q1:** Will there be a teleconference option for the pre-bid meeting?

**A1:** There is not a formal teleconference option as the meeting will be held outside for safety reasons.

**Q2:** How is the condensate forcemain in common trench with the 8" LFG pipe to be paid for?

**A2:** Bid form has been revised to include additional line item (#40) for this installation.

**Q3:** With the short construction schedule, will Saturdays be considered regular working days/hours, without the contractor having to pay for additional RPR time?

**A3:** Yes, CQA will be full-time basis for well drilling and on a part-time basis for piping therefore should not be much overtime CQA work that the Contractor is responsible for except holidays and Sunday work (if allowed). All tie-ins and pressure testing must be observed by the CQA technician.

**Q4:** Confirm that the forcemain outside of the limits of waste is not to be dual contained?

**A4:** Assume all forcemain will be single contained for the bid submittal.

**Q5:** Is expanding foam or bentonite acceptable at the road crossings as both are specified?

**A5:** Expanding foam is preferred for the road crossings only.

**Q6:** Item 39, how deep are we to assume the existing header is buried?

**A6:** The existing header is assumed to be 3-5 feet deep.

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- Q7:** The quantity for Item 29 appears to be 18. Should the bid form be revised?
- A7:** The quantity for Line Item #29 is 12 per the drawings. Line Item #28 was increased to 6 to cover the additional air/forcemain connections for redrill wells in Phases 3/4.
- Q8:** Per RFP Section 0100, Para. 4.01. A., please provide copies of reports/drawings of physical conditions in or relating to the existing surface and subsurface structures at or contiguous to the site that Engineers has use in preparing the Bidding Documents?
- A8:** The Project Drawings contained in the Bid Documents contain the topographic and base grades used to prepare the vertical well construction. If there is specific information requested, the Owner may be able to provide subsurface structures if it is available.
- Q9:** Detail 24, Sheet 7, confirm that this does not apply to this project?
- A9:** Correct, this scope was previously removed from the project during revision.
- Q10:** Should a bid item be added for the 4" forcemain termination into the HDPE Manhole?
- A10:** Revised Bid Form line item (#42) reflects this tie-in.
- Q11:** Should a Bid Item be added for the 3" forcemain tie-in to LCR-3?
- A11:** Revised Bid Form line item (#41) reflects this tie-in.
- Q12:** Item No. 26, how much hose should be included with these pumps?
- A12:** 500 feet total of tri- or quad-flex tubing to be provided. Typical 5 feet discharge hose to be provided with cam-loc ends.

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**Q13:** Who is responsible for the Asbestos Inspector?

**A13:** The Engineer will be responsible at procuring the asbestos inspector for the project.

**Q14:** Confirm that none of this project is to be installed in areas of final cover?

**A14:** Confirmed.

**SECTION 00020**

**REQUEST FOR BIDS**

**IREDELL COUNTY SOLID WASTE FACILITY  
FY22 LANDFILL GAS COLLECTION SYSTEM EXPANSION PROJECT**

Iredell County (OWNER) will receive sealed bids for the Solid Waste Facility FY22 LANDFILL GAS COLLECTION SYSTEM EXPANSION PROJECT, Bid No. 22-750-FC-01 at 200 S. Center St./PO Box 788 in Statesville, North Carolina 28687 on Friday, November 29, 2021 until 2:00 p.m. local prevailing time. Bids received after this time will not be accepted. All bids shall be submitted in a sealed envelope clearly marked "Bid for Iredell County Solid Waste Facility, 2021 Landfill Gas Collection System Expansion Proposal – Bid No. 22-750-FC-01", and must be delivered to the Purchasing & Contracts Manager prior to the 2:00pm expiration.

The project consists of furnishing and installing, complete, including labor, equipment, parts, materials, and other work incidental for the expansion of the existing landfill gas collection system at the Iredell County Solid Waste Municipal Landfill located at 354 Twin Oaks Road, Statesville, NC. The project includes the expansion, repair/replacement and abandonments of the existing landfill gas collection system in two waste filling areas consisting of Phases 1/2 & 3/4 and includes the installation of twenty-three (23) new vertical extraction gas wells, approximately 6,000 linear feet of below grade LFG, air and forcemain piping and related work. Optional work to be completed under Non-Routine Construction and Contingency items to include but not limited to regrading LFG header pipe, repairing cleanout and drainage connections among other tasks not specified in the scope that could arise during construction.

The defined work will have two completion timelines. The LFG collection system expansion work must be substantially complete within 60 calendar days of the date fixed by the Notice to Proceed and shall achieve final completion within 90 calendar days of the date fixed by the Notice to Proceed.

A mandatory pre-bid conference to answer questions will be held on Monday, November 15, 2021 at 10:00 a.m. outside at the Iredell County Solid Waste Baler Building at the landfill. Attendance is **required** as a precondition to bid. There will be a site tour immediately after the Pre-bid Conference.

Due to current COVID-19 restrictions, participants in County pre-bid meetings, bid openings, or other related meetings should limit the number in their party to no more than two and all participants will be required to wear facemasks and maintain 6-foot social distancing while in County buildings or congregating in groups on County property

All questions regarding the project must be directed in writing to Mr. Brock McNabb, P.E. (bmcnabb@cecenv.com) and David Sifford (david.sifford@co.iredell.nc.us) with a CC: to Mr. Teddy Boller (tboller@co.iredell.nc.us) and Mr. Ray Hoffman, P.E. (rhoffman@cecenv.com) and all answers will be made by addendum sent to all known bidders and published.

Bid documents consisting of the Contract Drawings and Project Manual may be examined at the following locations on or after November 15, 2021:

Iredell County Solid Waste  
354 Twin Oaks Road  
Statesville, North Carolina 28625  
Ph (704) 878-5430

Carlson Environmental Consultants, PC  
205 Walnut Street  
Statesville, North Carolina 28677  
Ph (704) 283-9765

Copies of the Bid Documents may be obtained from Carlson Environmental Consultants, PC at the address above for a non-refundable sum of \$150. Checks shall be made payable to Carlson Environmental Consultants, PC. Only complete sets of Bid Documents will be issued. Cost includes standard US Mail delivery. Please add \$25 for priority overnight Federal Express delivery service or U.S. Mail Express delivery or provide Bidders Federal Express or UPS account number. Carlson Environmental Consultants, PC and the OWNER are not responsible for the timeliness or guaranteed delivery of Bid Documents by third-party carriers. At the bidder's request and separate expense, the bidder may choose to use other means of courier services.

Bid documents at a later date may also be downloaded for review from the Iredell County Project Bid Page at <http://www.co.iredell.nc.us/481/Current-Bids-RFPs>.

To qualify, all bids shall be submitted using bid forms contained in the Contract Documents. Incomplete or segregated bids will not be accepted. All bids must be accompanied by a bid bond of no less than five percent (5%) of the total amount of the bid by the CONTRACTOR as guaranty that, if the bid is accepted, the Bidder will execute the Contract and deliver required Performance and Payment Bonds within the time provided in the Instructions to Bidders. Bids shall be valid for a period of no less than 90 days after submission; any bid withdrawal shall be limited and handled according to NC General Statute as set forth in the Instructions to Bidders.

The OWNER reserves the right to accept alternates in any order or combination, to negotiate with the lowest responsive, responsible Bidder in any manner or form that is keeping with NC General Statutes and in the best interest of the OWNER. The OWNER reserves the right to accept or reject any or all bids and will exercise this right against any Bidder currently engaged in litigation against or a contractual dispute with the OWNER.

**END OF SECTION**

## SECTION 00100

# INSTRUCTIONS TO BIDDERS

### ARTICLE 1 - DEFINED TERMS

- 1.01** Terms used in these Instructions to Bidders will have the meanings indicated in the package as described. Additional terms used in these Instructions to Bidders have the meanings indicated below which are applicable to both the singular and plural thereof:
- A. *Bidder*--The individual or entity who submits a Bid directly to OWNER.
  - B. *Issuing Office*--The office from which the Bidding Documents are to be issued. The Issuing Office will be the offices of Carlson Environmental Consultants, PC located at 205 Walnut Street, Statesville, North Carolina 28677.
  - C. *Successful Bidder*--The lowest, qualified and responsible Bidder submitting a responsive Bid to whom OWNER (on the basis of OWNER's evaluation as hereinafter provided) makes an award.
  - D. *Bidding Documents* – Includes the Advertisement for Bids, Instructions to Bidders, the Bid Form, and the proposed Contract Documents (including all Addenda issued prior to receipt of Bids).

### ARTICLE 2 - COPIES OF BIDDING DOCUMENTS

- 2.01** Complete sets of the Bidding Documents are attached from the ENGINEER or may be downloaded from the Iredell County Bid Opportunities web page at <http://www.co.iredell.nc.us/481/Current-Bids-RFPs>.
- 2.02** Complete sets of Bidding Documents must be used in preparing Bids; neither OWNER nor ENGINEER assumes any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.
- 2.03** OWNER and ENGINEER in making copies of Bidding Documents available on the above terms do so only for the purpose of obtaining Bids for the Work and do not confer a license or grant for any other use.

### ARTICLE 3 - QUALIFICATIONS OF BIDDERS

- 3.01** The Bidder shall provide a summary of relevant experience with landfill and landfill gas construction, including job location and work summary, contract amount and duration, contact name and phone number **and completed questionnaire**. A minimum of five (5)

relevant construction projects shall be submitted with the bid. It is the Bidder's responsibility to submit sufficient documentation to demonstrate relevancy.

#### **ARTICLE 4 - EXAMINATION OF BIDDING DOCUMENTS, OTHER RELATED DATA, AND SITE**

##### **4.01 Subsurface and Physical Conditions**

- A. The Information Available to Bidders identifies:
  - 1. Those drawings of physical conditions in or relating to existing surface and subsurface structures at or contiguous to the Site (except Underground Facilities) that ENGINEER has used in preparing the Bidding Documents.
- B. Copies of reports and drawings referenced in paragraph 4.01.A will be made available by OWNER and ENGINEER to any Bidder upon written request. Those reports and drawings are not part of the Contract Documents. Bidder is responsible for any interpretation or conclusion Bidder draws from any "technical data" or any other data, interpretations, opinions or that information contained in such reports or shown or indicated in such drawings.

##### **4.02 Underground Facilities**

- A. Information and data shown or indicated in the Bidding Documents with respect to existing Underground Facilities at or contiguous to the Site is based upon information and data furnished to OWNER and ENGINEER by OWNERS of such Underground Facilities, including OWNER, or others.

**4.03** On request, OWNER will provide Bidder access to the Site to conduct such examinations, investigations, explorations, tests, and studies as Bidder deems necessary for submission of a Bid. Bidders and any Subcontractors shall be solely responsible for the health and safety of all personnel employed by Bidder or Subcontractors. Bidder shall fill all holes, remove any excavated solid waste, and clean up and restore the Site to its former condition upon completion of such explorations, investigations, tests, and studies. Bidders shall be responsible for reinstallation of any erosion and sediment control measures that were removed or damaged to gain access to the Site, repair of any erosion problems that develop because of Bidder's activities, and regrading and reseeded of any disturbed areas.

**4.04** It is the responsibility of each Bidder before submitting a Bid to:

- A. Examine and carefully study the Bidding Documents, including any Addenda and the other related data identified in the Bidding Documents;



- B. Attend scheduled pre-bid meeting to visit the Site and become familiar with and satisfy Bidder as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work;
- C. Become familiar with and satisfy Bidder as to all federal, state, and local Laws and Regulations that may affect cost, progress, or performance of the Work;
- D. Carefully study all reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site;
- E. Obtain and carefully study (or assume responsibility for doing so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents, and safety precautions and programs incident thereto;
- F. Agree at the time of submitting its Bid that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of its Bid for performance of the Work at the price bid and within the times and in accordance with the other terms and conditions of the Bidding Documents;
- G. Become aware of the general nature of the work to be performed by OWNER and others at the Site that relates to the Work as indicated in the Bidding Documents;
- H. Correlate the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents;
- I. Promptly give ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder discovers in the Bidding Documents and confirm that the written resolution thereof by ENGINEER is acceptable to Bidder; and
- J. Determine that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work.

**4.05** The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article 4, that without exception the

Bid is premised upon performing and finishing the Work required by the Bidding Documents and applying any specific means, methods, techniques, sequences, and procedures of construction that may be shown or indicated or expressly required by the Bidding Documents, that Bidder has given ENGINEER written notice of all conflicts, errors, ambiguities, and discrepancies that Bidder has discovered in the Bidding Documents and the written resolutions thereof by ENGINEER are acceptable to Bidder, and that the Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performing and finishing the Work.

#### **ARTICLE 5 - PRE-BID CONFERENCE**

**5.01** A mandatory Pre-Bid Conference will be held on Monday, November 15, 2021 at 10:00 a.m. in the Iredell County Baler Building at the landfill. Representatives of OWNER and ENGINEER will be present to discuss the Project. Bidders are required to attend and participate in the conference. ENGINEER will transmit to all prospective Bidders of record such Addenda as ENGINEER considers necessary in response to questions arising at the conference. Oral statements may not be relied upon and shall not be binding or legally effective.

#### **ARTICLE 6 - SITE AND OTHER AREAS**

**6.01** The Site is identified in the Bidding Documents. All additional lands and access thereto required for temporary construction facilities, construction equipment, or storage of materials and equipment to be incorporated in the Work are to be obtained and paid for by CONTRACTOR. Easements for permanent structures or permanent changes in existing facilities are to be obtained and paid for by OWNER unless otherwise provided in the Bidding Documents.

#### **ARTICLE 7 - INTERPRETATIONS AND ADDENDA**

**7.01** All questions about the meaning or intent of the Bidding Documents are to be submitted to ENGINEER in writing. Interpretations or clarifications considered necessary by ENGINEER in response to such questions will be issued by Addenda mailed or faxed to all parties recorded by OWNER as having received the Bidding Documents. Questions received less than five (5) calendar days prior to the date for opening of Bids may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

**7.02** Addenda may be issued to clarify, correct, or change the Bidding Documents as deemed advisable by OWNER or ENGINEER.

#### **ARTICLE 8 - BID BOND**

**8.01** A Bid must be accompanied by bid security in the form of a Bid Bond or Deposit (by cashier's or certified check) made payable to OWNER in an amount of five (5) percent of

Bidder's maximum Bid price, enforceable for at least ninety (90) days from submission in the form of Bid Bond Form included in the Bidding Requirements and issued by a surety.

- 8.02** The Bid Bond or Deposit of the Successful Bidder will be retained until such Bidder has executed the Contract Documents, furnished the required Performance and Payment Bonds and met the other conditions of the Notice of Award, whereupon the Bid Bond or Deposit shall be returned. If the Successful Bidder fails to execute and deliver the Contract Documents and furnish the required Performance and Payment Bonds within ten (10) business days after the Notice of Award, OWNER may annul the Notice of Award and the Bid Bond or Deposit of that Bidder shall be forfeited. The Bid Bonds or Deposits of other Bidders whom OWNER believes to have a reasonable chance of receiving the award may be retained by OWNER until the ninety-first (91st) day after the Bid opening, whereupon Bid Bonds or Deposits furnished by such Bidders will be returned.
- 8.03** Bid Bonds or Deposits of other Bidders whom OWNER believes do not have a reasonable chance of receiving the award will be released and returned to Bidders.
- 8.04** The Bid Bond shall be issued by a company authorized to do business by the North Carolina Department of Insurance and having a Registered Agent in the State of North Carolina.

## **ARTICLE 9 - CONTRACT TIMES**

- 9.01** Notice to Proceed (NTP) will be issued for the work. The work must be substantially complete within 60 calendar days of NTP and finally complete within 90 calendar days of NTP. OWNER reserves the right to reduce the amount of time for substantial completion and final completion if OWNER reduces the Work Scope after receipt of Bids and prior to Notice of Award.

## **ARTICLE 10 - LIQUIDATED DAMAGES**

- 10.01** The work called for in the Contract Documents shall be substantially and finally complete in accordance with the following schedule, issued pursuant to the General Provisions:
- Notice to Proceed (NTP) is anticipated to be issued for the work on or after December 27, 2021. The work must be substantially complete within 60 calendar days of NTP and finally complete within 90 calendar days of NTP.

The CONTRACTOR shall pay the OWNER \$500 five hundred dollars per day as liquidated damages and not as penalty for each calendar day in excess of the specified calendar days required to complete the work.

## **ARTICLE 11 - SUBSTITUTE AND "OR-EQUAL" ITEMS**

**11.01** Wherever in the Contract Documents a particular brand, make of material, device or equipment is shown or specified that a substitute or "or equal" article may be used, it is to set forth and convey to prospective bidders the general style, type, character and quality standard of the article desired. Any other brand, make of material, device or equipment will not be considered acceptable until after the "effective date of the Agreement". The procedure for submission of an application for a substitute or an "or equal" item by CONTRACTOR and consideration by ENGINEER is set forth in the Supplemental Conditions.

## **ARTICLE 12 - SUBCONTRACTORS, SUPPLIERS, AND OTHERS**

**12.01** If requested by the OWNER or ENGINEER, the Apparent Successful Bidder, and any other Bidder so requested, shall within three (3) business days after Bid opening, submit to OWNER a list of all such Subcontractors, Suppliers, individuals, or entities. Such list shall be accompanied by an experience statement with pertinent information regarding similar projects and other evidence of qualification for each such Subcontractor, Supplier, individual, or entity. If OWNER or ENGINEER, after due investigation, has reasonable objection to any proposed Subcontractor, Supplier, individual, or entity, OWNER may, before the Notice of Award is given, request apparent Successful Bidder to submit a substitute, in which case apparent Successful Bidder shall submit an acceptable substitute within two (2) business days of the request. Bidder's Bid price will be increased (or decreased) by the difference in cost occasioned by such substitution, and OWNER may consider such price adjustment in evaluating Bids and making the contract award.

**12.02** If apparent Successful Bidder declines to make any such substitution, OWNER may award the Contract to the next lowest Bidder that proposes to use acceptable Subcontractors, Suppliers, individuals, or entities. Declining to make requested substitutions will not constitute grounds for forfeiture of the Bid security of any Bidder.

**12.03** CONTRACTOR shall not be required to employ any Subcontractor, Supplier, individual, or entity against whom CONTRACTOR has reasonable objection.

## **ARTICLE 13 - PREPARATION OF BID**

**13.01** The Bid form is included with the Bidding Documents. Additional copies may be obtained from the ENGINEER at one-dollar (\$1.00) per page. Shipment of additional copies will be paid by CONTRACTOR to ENGINEER in advance.

**13.02** All blanks on the Bid form shall be completed by printing in ink or by typewriter and the Bid signed. All blanks on the form must be completed, or the words "No Bid," "No Change," or "Not Applicable" entered. **THE ORIGINAL SIGNED BID FORM MUST BE PROVIDED BY THE BIDDER IN ITS SEALED BID ENVELOPE.**

- 13.03** A Bid by a corporation shall be executed in, the corporate name by the president or a vice-president or other corporate officer accompanied by evidence of authority to sign. The corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown below the signature.
- 13.04** A Bid by a partnership shall be executed in the partnership name and signed by a partner (whose title must appear under the signature), accompanied by evidence of authority to sign. The official address of the partnership shall be shown below the signature.
- 13.05** A Bid by a limited liability company shall be executed in the name of the firm by a member and accompanied by evidence of authority to sign. The state of formation of the firm and the official address of the firm must be shown below the signature.
- 13.06** A Bid by an individual shall show the Bidder's name and official address.
- 13.07** A Bid by a joint venture shall be executed by each joint venturer in the manner indicated on the Bid form. The official address of the joint venture must be shown below the signature.
- 13.08** All names shall be typed or printed in ink below the signatures.
- 13.09** The Bid shall contain an acknowledgment of receipt of all Addenda, the numbers of which shall be filled in on the Bid form.
- 13.10** The address and telephone number for communications regarding the Bid shall be shown.
- 13.11** The Bid shall contain evidence of Bidder's authority and qualification to do business in the State of North Carolina and any other County or local qualifications or a covenant to obtain such qualifications prior to award. Evidence of any other applicable state or federal licensure(s) for the Bidder or Subcontractors should also be included in the Bid.
- 13.12** All Bids must include, attached to the Bid, completed items as described in 7.01 Section 00300.

#### **ARTICLE 14 - BASIS OF BID; EVALUATION OF BIDS**

##### **14.01 Unit Price**

- A. Bidders shall submit a Bid on a unit price basis for each item of Work listed in the Bid schedule.
- B. The total of all estimated prices will be determined as the sum of the products of the estimated quantity of each item and the unit price Bid for the item.

- C. Discrepancies between the multiplication of units of Work and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. Discrepancies between words and figures will be resolved in favor of the words.

**14.02** The Bid price shall include such amounts as the Bidder deems proper for overhead and profit on account of cash allowances.

#### **ARTICLE 15 - SUBMITTAL OF BID**

**15.01** Bids shall be submitted no later than the date and time prescribed and at the place indicated in the Advertisement for Bids and shall be enclosed in an opaque sealed envelope plainly marked on the exterior with **“BID FOR IREDELL COUNTY SOLID WASTE FACILITY, FY22 LANDFILL GAS COLLECTION SYSTEM EXPANSION PROJECT – BID NO. 22-750-FC-01”**, with the name and address of Bidder, and shall be accompanied by the Bid security and other required documents. Bids submitted by email or facsimile will not be accepted. Bids received after the scheduled Bid opening time will not be accepted and will be returned to Bidder unopened.

**15.02** Bids sent by mail should be Registered Mail. The sealed bid, marked as indicated above, should be enclosed in an additional sealed envelope similarly marked and addressed to:

#### **DELIVERED BY US POSTAL SERVICE**

Iredell County Purchasing Division  
Purchasing & Contracts Manager  
PO Box 788  
Statesville, NC 28687

#### **DELIVERED BY UPS, FEDEX, DHL**

Iredell County Purchasing Division  
Purchasing & Contracts Manager  
200 South Center Street  
Statesville, NC 28677

The envelope shall be marked with the project title and CONTRACTOR name in the lower left corner. The words “SEALED BID” shall be clearly noted on the front of any exterior envelope or packaging. Proposals sent by U.S. Mail, Federal Express, UPS, DHL, or other service and arriving after the time for opening shall not be considered as valid bids. In such circumstances, the bidder shall have no claim against the OWNER.

**15.03** More than one Bid received for the same work from an individual, firm, partnership, corporation, etc. under the same or different names will not be considered. Reasonable grounds for believing that any Bidder is interested in more than one Bid for the same work will be grounds for rejection of all such Bids. If there are reasonable grounds for believing that collusion exists among Bidders, the Bids of participants of such collusion will not be considered. Bidders may utilize similar or common Subcontractors.

## **ARTICLE 16 - MODIFICATION AND WITHDRAWAL OF BID**

**16.01** A Bid may be modified or withdrawn by an appropriate document duly executed in the manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time for the opening of Bids. The request must be in writing and signed by a person authorized by the Bidder to do so. Withdrawal of a Bid will not prejudice the rights of a Bidder to submit a new Bid prior to the Bid date and time. After expiration period for receiving Bids, no Bid may be withdrawn or modified.

## **ARTICLE 17 - OPENING OF BIDS**

**17.01** Bids will be opened at the time and place indicated in the advertisement or invitation to Bid and, unless obviously nonresponsive, read aloud publicly. All bids opened become public information and a tabulation of the amounts of the base Bids will be made available to Bidders after the opening of Bids.

## **ARTICLE 18 - BIDS TO REMAIN SUBJECT TO ACCEPTANCE**

**18.01** All Bids will remain subject to acceptance for the period of time stated in the Bid form, but OWNER may, in its sole discretion, release any Bid and return the Bid security prior to the end of this period.

## **ARTICLE 19 - AWARD OF CONTRACT**

**19.01** OWNER reserves the right to accept or reject any or all Bids, including without limitation, nonconforming, nonresponsive, unbalanced, or conditional Bids. OWNER further reserves the right to reject the Bid of any Bidder whom it finds, after reasonable inquiry and evaluation, to be non-responsible. OWNER may also reject the Bid of any Bidder if OWNER believes that it would not be in the best interest of the Project to make an award to that Bidder.

OWNER also reserves the right to waive all informalities not involving price, time, or changes in the Work and to negotiate contract terms with the Successful Bidder.

**19.02** The Bidder shall be notified of any errors in the Bid Documents submitted to the OWNER which affects his status as low bidder or as may otherwise reduce his total bid. If the corrected total represents an unacceptable amount and the CONTRACTOR can substantiate same, totally in accordance with the General Statutes of the State of North Carolina, the Bidder may then withdraw his bid without forfeiture of his bid security and the OWNER may award his bid to the second low-bidder or re-let the project, in which instance the Bidder, previously allowed to withdraw, shall not be permitted to re-bid this project or subcontract any portion thereof.

- 19.03** In evaluating Bids, OWNER will consider whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid form or prior to the Notice of Award.
- 19.04** In evaluating Bidders, OWNER will consider the qualifications of Bidders and may consider the qualifications and experience of Subcontractors, Suppliers, and other individuals or entities proposed for those portions of the Work for which the identity of Subcontractors, Suppliers, and other individuals or entities must be submitted as outlined in the package.
- 19.05** OWNER may conduct such investigations as OWNER deems necessary to establish the responsibility, qualifications, and financial ability of Bidders, proposed Subcontractors, Suppliers, individuals, or entities to perform the Work in accordance with the Contract Documents.
- 19.06** If the Contract is to be awarded, OWNER will award the Contract to the Bidder whose Bid is in the best interests of the Project.
- 19.07** The OWNER reserves the right to accept alternates in any order or combination, to negotiate with the Bidder it accepts in any manner or form that is in the best interest of the OWNER or to award the Contract to a Bidder other than the low Bidder. Should the Contract be awarded to a Bidder other than the low Bidder, it will be awarded to the lowest responsive and responsible Bidder. However, the OWNER may award the bid in accordance with any and all procedures allowed by North Carolina General Statutes.
- 19.08** The OWNER reserves the right to award the Contract or portions thereof conditioned upon funds being made available for such construction.
- 19.09** Work shall commence only upon the receipt of a written “Notice to Proceed” from the OWNER through the ENGINEER in accordance with the Contract Documents.

## **ARTICLE 20 – QUALIFICATIONS OF SURETY COMPANIES**

- 20.01** In order to be acceptable to the OWNER, a surety company issuing Bid Guaranty Bonds, or 100% Performance/Payment bonds, called for in these Specifications, shall meet and comply with the following minimum standards:
- a. Surety must be licensed to execute such bonds in the State of North Carolina.
  - b. Surety shall have been in business and have a record of successful continuous operations for at least five (5) years.
  - c. Attorneys-in-fact who signs bid bonds or performance/payment bonds must file with such bond a certified copy of their power of attorney to sign such bond.



d. Agents of surety companies must list their name, address and telephone number on all bonds.

e. Surety shall have at least the following minimum ratings:

CONTRACT AMOUNT		BEST'S RATINGS	
0	to 50,000	Class III B+ or better	
50,000	to 500,000	Class V A or better	
500,000	to 2,500,000	Class VI A or better	
2,500,000	and over	Class VII A or better	

**RATING SCHEDULE**

Class III	2,000,000	to	5,000,000
Class V	10,000,000	to	25,000,000
Class VI	25,000,000	to	50,000,000
Class VII	50,000,000	to	100,000,000

f. The life of the bonds shall extend twelve (12) months beyond the date of final payment and shall contain a waiver of alteration to the terms of the Contract, extensions of time and/or forbearance on the part of the OWNER.

g. The Performance and Payment Bonds shall be in an amount equal to one hundred percent (100%) of the Contract price conditioning that the successful bidder shall comply in all respects with the terms and conditions of his Contract, and his obligations thereunder, including the Specifications and shall indemnify and save harmless the OWNER against or from all costs, expense, damages, injury or loss to which the OWNER may be subjected by reason of wrong doing, misconduct, want of care of skill, negligence or default upon the part of the CONTRACTOR, his agents, or employees, in or about the execution of performance of this Contract, including said Specifications, and shall save and keep harmless the OWNER against and from all claims or losses to it or from any cause whatever, including patent infringements, in the matter of the performance of said Contract, and including also any patent infringements because of designed operation methods on the project and/or the use of any patented thing, equipment, and/or apparatus installed by him herein.

h. Whenever the Surety or sureties on the Bond so furnished shall be deemed by the OWNER to be insufficient or unsatisfactory, the CONTRACTOR, within ten (10) business days after notice to that effect shall furnish and deliver a new bond to the OWNER in the same penalty and on the same conditions with Surety satisfactory to the OWNER and this duty shall continue on the part of the CONTRACTOR, whenever and so often as the OWNER shall require a new bond with a satisfactory Surety of Sureties. If the CONTRACTOR shall fail to furnish such bond, within ten (10) business days after said notice is mailed to his address, the

OWNER through its proper agent or agents, may stop all further work under said Contract and complete the unfinished work at the expense of the CONTRACTOR.

## **ARTICLE 21 - SIGNING OF AGREEMENT**

**21.01** When OWNER gives a Notice of Award to the Successful Bidder, it shall be accompanied by the required number of unsigned counterparts of the Agreement with the other Contract Documents which are identified in the Agreement as attached thereto. Within ten (10) business days thereafter, Successful Bidder shall sign and deliver the required number of counterparts of the Agreement, properly executed attached documents and Performance & Payment Bonds to OWNER. Within ten (10) business days thereafter, OWNER shall deliver one fully signed counterpart to Successful Bidder with a complete set of the Drawings with appropriate identification.

## **ARTICLE 22 – NONDISCRIMINATION IN EMPLOYMENT**

**22.01** During the performance of this contract the CONTRACTOR agrees as follows:

The CONTRACTOR will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The CONTRACTOR will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to race, color, religions, sex, or national origin. Such action shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising, layoff or termination; rate of pay or other forms of compensation and selection for training, including apprenticeship. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notice to be provided by the Local Public Agency setting forth the provisions of this nondiscrimination clause.

The CONTRACTOR will note that signing the Proposal in the Contract document constitutes certification of nondiscrimination. However, all certifications called for herein shall be executed prior to the award of contract, when applicable.

The OWNER shall have final authority to determine the question of compliance with these specifications.

## **ARTICLE 23 – COLLUSIVE BIDDING**

**23.01** In accordance with Section 112(c) of Title 23 USC and the General Statutes of the State of North Carolina, The CONTRACTOR (Bidder), by submission and execution of this bid, certifies that he has not entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with his bid on this project.

Before executing any subcontract, the successful bidder shall submit the name of any proposed subcontractor for prior approval and a sworn affidavit substantially in accordance with the preceding.

#### **ARTICLE 24 – CONTRACT DETERMINATION – DEBARMENT**

**24.01** A contract will not be awarded to a CONTRACTOR that has been suspended by the State where the project is located (or any agency or department thereof) for conviction or indictment or any of the offenses enumerated in the General Statutes of the State where the project is located.

Subcontracts of any tier will not be awarded to a subcontractor (or firm) that has been suspended for conviction or indictment of any of the offenses enumerated in the General Statutes, Laws, and Regulations of the State of the project location.

#### **ARTICLE 25 – CONTRACTOR’S LICENSING**

**25.01** North Carolina General Statute, and thereby the OWNER, requires the CONTRACTOR to be qualified and licensed to perform business and construction services in the State of North Carolina and Iredell County. Proof of such licensure, qualifications, and permits may be requested by OWNER. It is the CONTRACTOR’s responsibility to be properly licensed for the work they will be performing on this project, including but not limited to, North Carolina Contractor’s Licensure if required. CONTRACTOR is also responsible for ensuring that all Subcontractors are also licensed appropriately for the work they will be performing on the Project.

#### **ARTICLE 26 – MINING OPERATIONS PERMIT**

**26.01** Any and all soil or rock materials provided to the Project under this contract from outside the limits of the site boundary shall come from mining operations with valid operating permits. Obtaining and providing evidence that the mining operation has a valid operating permit is the responsibility of the CONTRACTOR.

#### **ARTICLE 27 – ASSIGNMENTS**

**27.01** The CONTRACTOR shall not assign the whole or any part of this Contract, or any monies due, or to become due hereunder without written consent of the OWNER. In case the CONTRACTOR assigns all or any part of any monies due or to become due under this Contract the instrument of assignment shall contain a clause substantially to the effect that is agreed that the right of the Assignee in and to any monies due or to become due to the CONTRACTOR shall be subject to prior liens of all persons, firms, and corporations for services rendered or materials supplied, for the performance of the work called for in this Contract.

## **ARTICLE 28 – MUTUAL RESPONSIBILITY OF CONTRACTORS**

**28.01** If any other contractor, subcontractor or any of their employees, or any other persons shall sustain any loss or damage through the negligence of the CONTRACTOR in the performance of the work, the CONTRACTOR agrees to be responsible for said loss or damage. If any claim is asserted against the OWNER on account of any loss or damage to other CONTRACTORS, subcontractors or their employees through the negligence of the CONTRACTOR, the OWNER shall notify the CONTRACTOR and the CONTRACTOR shall be responsible for said loss or damage, and the CONTRACTOR shall indemnify and hold the OWNER and ENGINEER harmless against any such losses, damages, and claims, including the OWNER'S and ENGINEER'S attorney's fees.

## **ARTICLE 29 – LABORERS AND MATERIALMEN'S BOND**

**29.01** A payment bond is required in the amount of 100% of the construction contract amount, conditioned upon the prompt payment for all labor or materials for which a contractor or subcontractor is liable. The payment bond shall be solely for the protection of the persons furnishing materials or performing labor for which a CONTRACTOR or subcontractor is liable.

## **ARTICLE 30 – ARBITRATION**

**30.01** The Agreement to be entered into between OWNER and the successful Bidder for the Work to be performed included in these Instructions to Bidders, and any disputes arising thereunder, shall not be subject to arbitration.

## **ARTICLE 31 – TAXES**

**31.01** The CONTRACTOR shall pay all applicable sales, consumer, use and other similar taxes required by law. The CONTRACTOR is responsible for reviewing the pertinent State Statutes involving the sales tax and sales tax exemption and complying with all requirements. The CONTRACTOR shall include all Federal, State and local taxes in his bid. The CONTRACTOR shall indemnify, defend and hold harmless, OWNER, ENGINEER and their employees, agents and representatives from and against any and all claims, damages, losses, penalties, fines and tax liabilities whatsoever resulting from CONTRACTOR'S failure to include such taxes in his bid, pay any such tax or comply with any applicable tax requirements or statutes.

The OWNER will not bear the burden of withholding and accounting and requires that any out-of-state contractor seek and obtain bonds as necessary so that withholding will not be necessary. Proof of such a bond must be submitted to the OWNER prior to any payments being made to the CONTRACTOR and must be submitted prior to certification by OWNER's attorney.

Further information concerning this requirement is available from:

North Carolina Department of Revenue  
Income Tax Division – Withholding Tax Unit  
P.O. Box 25000  
Raleigh, NC 27640  
1-877-252-3052

**END OF SECTION**

**SECTION 00300**

**BID FORM**

PROJECT IDENTIFICATION:

**IREDELL COUNTY SOLID WASTE FACILITY  
FY22 LANDFILL GAS COLLECTION SYSTEM EXPANSION PROJECT  
BID NUMBER 22-750-FC-01**

OWNER: **IREDELL COUNTY SOLID WASTE**

THIS BID IS SUBMITTED TO:

**IREDELL COUNTY PURCHASING DIVISION  
200 SOUTH CENTER STREET/PO BOX 788  
STATESVILLE, NC 28687**

- 1.01** The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with OWNER in the form included in the Bidding Documents to perform all Work as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid Form, and in accordance with the other terms and conditions of the Contract Documents.
- 2.01** Bidder accepts all of the terms and conditions of the Bid Documents, including without limitation those dealing with the disposition of Bid Security. The Bid will remain subject to acceptance for ninety (90) calendar days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of OWNER. If awarded a contract, Bidder agrees to execute the Agreement and comply with all of the conditions stipulated in the Notice of Award within the time stipulated in the Notice of Award.
- 3.01** In submitting this Bid, Bidder makes all representations required by the Instructions to Bidders and further represents and warrants that:
  - A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of all which is hereby acknowledged.

Addendum No. \_\_\_\_\_ Addendum Date \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified, and (2) reports and drawings of a Hazardous Environmental Condition, if any.
- E. Bidder has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies and data concerning conditions (surface, subsurface and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents to be employed by Bidder, and safety precautions and programs incident thereto.
- F. Bidder does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by OWNER and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bidding Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Bidding Documents.
- I. Bidder has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by ENGINEER is acceptable to Bidder.
- J. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

K. Except as otherwise provided in this Bid Form, the Bidder represents to OWNER that all prices herein include all Federal, State, and local taxes. The Bidder agrees to assume all responsibility for the payment of all such taxes and shall indemnify and hold harmless the OWNER from all tax liability arising out of or related to Bidder's breach of this representation or failure to pay such taxes.

**4.01** Bidder further represents that this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any individual or entity to refrain from bidding; and Bidder has not sought by collusion to obtain for itself any advantage over any other Bidder or over OWNER.

**5.01** Bidder will complete the Work in accordance with the Contract Documents for the following price:

Attached Schedule of Unit Price Worksheet (Section 00405):

\_\_\_\_\_

\_\_\_\_\_ \$ \_\_\_\_\_

(use words) (figures)

Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities provided, determined as provided in the Contract Documents.

**6.01** Bidder agrees that all the Work required by the Contract Documents will be substantially completed and completed and ready for final payment on or before the dates or within the number of calendar days indicated in the Agreement.

**6.02** Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times specified above, which shall be stated in the Agreement.

**6.03** Bidder understands that the OWNER may select a Bidder based on the lowest responsible, responsive Base Bid plus or minus any Bid Alternates which the OWNER selects in order to determine the combination of lowest responsible, responsive bids for which the determination that the Bidder is suitably experienced. The OWNER reserves the right to reject any or all Bids and to waive any informalities in the Bidding procedure.

**7.01** The following documents are attached to and made a condition of this Bid Form in the following order:



- A. Section 00405 - Completed Schedule of Unit Price Work.
- B. Required Bid security in the form of circle one: Bid Bond, Certified Check, or Cashier's Check in an amount of 5% of the Total Bid Price.
- C. Power of Attorney (for surety bond only).
- D. Evidence of Bidder (and Subcontractor) certification and license to perform the Work and Services.
- E. Section 00420 – Bidders Qualification Forms
- F. A detailed construction schedule that will allow the ENGINEER to assess the CONTRACTOR's understanding of the project sequence and his knowledge and experience in constructing this type of project.
- G. Section 00340 – Non-Collusive Affidavit
- H. Section 00350 – Authority to Execute Contract
- I. Section 00360 - E-verify Certification/Affidavit
- J. Section 00370 - Iran Divestment Certification

**8.01** The terms used in this Bid with initial capital letters have the meanings indicated in the Instructions to Bidders.

BID SUBMITTED ON \_\_\_\_\_, \_\_\_\_\_.

North Carolina CONTRACTOR License No. (if applicable) \_\_\_\_\_.

**9.01** Please list all claims you have made against the OWNER in the last ten (10) years, citing the caption of any litigation commenced, and any cause of action alleged against the OWNER.

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**10.01** Communications with the Bidder concerning this Bid shall be addressed to:

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**11.01** The Bidder executes this Bid as one of the following (circle one):

Individual / Partnership / Corporation / Joint Venture

**12.01** The Bid Form must be complete in ink or by typewriter. Amounts shall be shown in both words and figures. In case of discrepancy, the amount in words will govern. Bidder agrees to complete the work for the following prices.

If Bidder is:

**An Individual**

Name (typed or printed): \_\_\_\_\_

By: \_\_\_\_\_  
(Individual's signature)

Doing business as: \_\_\_\_\_

Business address: \_\_\_\_\_

\_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

**A Partnership**

Partnership Name: \_\_\_\_\_

(SEAL)

By: \_\_\_\_\_  
(Signature of general partner -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Business address: \_\_\_\_\_

\_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

**A Corporation**

Corporation Name: \_\_\_\_\_

(SEAL)

State of Incorporation: \_\_\_\_\_

Type (General Business, Professional, Service, Limited Liability): \_\_\_\_\_

By: \_\_\_\_\_  
(Signature -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

(CORPORATE SEAL)

Attest \_\_\_\_\_  
(Signature of Corporate Secretary)

Business address: \_\_\_\_\_  
\_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

Date of Qualification to do business in North Carolina is \_\_\_\_\_.

**A Joint Venture**

Joint Venturer Name: \_\_\_\_\_

(SEAL)

By: \_\_\_\_\_  
(Signature of joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

Business address: \_\_\_\_\_  
\_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

Joint Venturer Name: \_\_\_\_\_

(SEAL)

By: \_\_\_\_\_  
(Signature - attach evidence of authority to sign)

Name (typed or printed): \_\_\_\_\_

Title: \_\_\_\_\_

Business address: \_\_\_\_\_

\_\_\_\_\_

Phone No.: \_\_\_\_\_ FAX No.: \_\_\_\_\_

Phone and FAX Number, and Address for receipt of official communications:  
\_\_\_\_\_

\_\_\_\_\_

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

**END OF SECTION**

**Section 00405**  
**Bid Schedule of Unit Price Work**  
**FY22 LFG Collection System Expansion**  
**Iredell County Solid Waste Facility - Statesville, NC**

ITEM NO.	ITEM DESCRIPTION	ESTIMATED QUANTITIES	UNIT	UNIT PRICE IN FIGURES	TOTAL IN FIGURES
1	Mobilization/Demobilization, Bonds, Insurance (Not to Exceed 6% of Total Combined Project)	1	LS		
2	Surveying	1	LS		
3	2-inch Wellhead and Fernco (Purchase Only)	12	EA		
4	2-inch Wellhead and 8-Inch Well Seals	23	EA		
5	Remote Wellhead Assembly	2	EA		
6	6-inch SDR17 HDPE B/G Perforated Pipeline (Includes Aggregate)	350	LF		
7	6-inch SDR 17 HDPE B/G Pipeline (Includes Bedding)	2600	LF		
8	8-inch SDR 17 HDPE B/G Pipeline (Includes Bedding)	2460	LF		
9	12-inch SDR 17 HDPE B/G Pipeline (Includes Bedding)	1140	LF		
10	Vertical Well Drilling (Includes Aggregate)	1300	VF		
11	Well Refusal (Includes Bentonite Plug)	60	VF		
12	Abandon Vertical Well	24	EA		
13	12-inch Butterfly Valve Assembly (Assumes 7" Stem)	2	EA		
14	8-inch Butterfly Valve Assembly (Assumes 7" Stem)	4	EA		
15	3-inch Condensate Forcemain (Common Trench)	1700	LF		
16	2-inch Pneumatic Supply (Common Trench)	5520	LF		
17	2-inch Pneumatic Supply (Separate Trench)	800	LF		
18	3-inch Condensate Forcemain (Separate Trench)	2720	LF		
19	4-inch Condensate Forcemain (Separate Trench)	1220	LF		
20	Air/Condensate Risers (Combo Install)	24	EA		
21	Air Isolation Valve	3	EA		
22	Condensate Forcemain Isolation Valve	3	EA		
23	Air/Condensate Isolation Valves (Combo Install)	7	EA		
24	12-inch Header Access Riser	1	EA		
25	Downwell Pumps	21	EA		
26	Downwell Pumps w/ Fittings, Hoses and Regulators (Purchase Only)	5	EA		
27	Make Connection to Existing Air System	1	EA		
28	Make Connection to Existing Air and Condensate Forcemain (Combo)	6	EA		
29	Make Connection to Existing LFG system	12	EA		
30	Abandon LFG Lateral (6-inch to 12-inch)	12	EA		
31	Road Crossings (24-inch CMP w/ Bentonite Plug)	100	LF		
32	Road Crossings (18-inch CMP w/ Bentonite Plug)	160	LF		
33	Road Crossings (12-inch CMP w/ Bentonite Plug)	100	LF		
34	Non-Routine Construction (3-Man Crew w/ Heavy Equipment & up-to 12" Fusion Capability)	24	HR		
35	Cover Replacement (~10 acres) - Final Grading, Seeding, Matting	1	LS		
36	Additional Depth for Tie-Ins/Abandonments (5-7 ft.)	2	EA		
37	Additional Depth for Tie-Ins/Abandonments (7-10 ft.)	2	EA		
38	Additional Trench Depth (5-7 ft.)	200	LF		
39	Expose/Regrade LFG Header (Includes Liquid Removal & Initial/Final Survey)	1,000	LF		
40	4-inch Condensate Forcemain (Common Trench)	260	LF		
41	Tie-in to LCR-3 (Includes 4-inch HDPE Ball Valve & SS Check Valve)	1	EA		
42	Tie-in to MH-2 (Includes 4-inch SS Check Valve)	1	EA		

<b>TOTAL UNIT PRICE BID</b>	
<b>TOTAL UNIT PRICE BID (IN WORDS)</b>	