

SECTION 00020

ADVERTISEMENT FOR BIDS

CATAWBA COUNTY BLACKBURN LANDFILL
GAS CONDITIONING SYSTEM IMPROVEMENTS
CATAWBA COUNTY, NORTH CAROLINA

BID NUMBER 15-1010

Bid Date: May 6, 2015 2:00 p.m.

The project generally consists of the following:

The Work to be performed under this Contract generally includes the manufacture, delivery, installation and commissioning of a Gas Compression and Conditioning System (GCCS), supporting civil and electrical work, and other incidentals as shown on the Drawings and noted in the Specifications. The project consists of the replacement of the existing landfill gas (LFG) GCCS including the LFG flare located at the Blackburn Sanitary Landfill in Catawba County, N.C. The proposed GCCS is to be complete, from the connection to the existing LFG collection system, to the inlet piping of the existing generators.

The existing GCCS has a nameplate capacity of 1,250 standard cubic feet per minute (scfm) which is currently sufficient to handle the typical 1,100 scfm flow requirement (at 50% methane) of the County's three installed Jenbacher engines.

The proposed GCCS shall meet the Environmental Protection Agency's (EPA's) presumptive definition of a treatment system as a system that filters LFG to an absolute rating of 10 microns, dewateres the LFG to provide a 20 degree Fahrenheit reduction in dew point temperature, and compresses the LFG. The proposed GCCS shall be a skid mounted compression, drying and cooling system used to transport LFG from the existing collection system to three existing Jenbacher engine generators.

The County has pre-qualified four specialty equipment manufacturers for this work. General contractors interested in bidding on this project must use one of the following four pre-qualified manufactures: John Zink Company, LLC; LFG Specialties, LLC; Perennial Energy; and Unison Solutions. In order to be qualified for this project, bidders must demonstrate experience with a minimum of two biogas or natural gas compression/conditioning infrastructure projects performed within the past five years for which the bidder was contractually responsible for the supervision, direction and control of the work.

Contract Documents are available. Only complete sets of Contract Documents will be issued. Contract Documents consisting of Contract Drawings and Project Manual must be obtained from Accent Imaging, 1630 Tate Boulevard SE, Hickory NC 28602, 828-322-5050. This is not a deposit job and no refunds will be issued after successful delivery of project documents. Bid documents are also available for examination at the County Purchasing Office, Catawba County Government Center.

A **non-mandatory Pre-bid Conference** will be held at **10:00 a.m.** on **April 20, 2015**, at the Catawba County Blackburn Landfill conference room, 3993 Rocky Ford Road, Newton, North Carolina.

Catawba County will receive sealed bids for the Catawba County Blackburn Landfill Gas Conditioning System Improvements Project, Bid Number 15-1010, in the 2nd floor conference room, Government Center, 100A South West Boulevard, Newton, NC 28658 until 2:00 p.m., local prevailing time, on **May 6, 2015**. Bids received after this time will not be accepted. The clock in the 2nd floor conference room shall determine the time of receipt.

If forwarded by mail, the sealed envelope containing the bid shall be marked on the exterior: Catawba County Blackburn Landfill Gas Conditioning System Improvements Project (Bid #15-1010) and with the name, address, and North Carolina Contractor License Number of the Bidder. The sealed envelope shall be addressed to Catawba County, attention of Mrs. Debbie Anderson, Purchasing Manager, 100A South West Boulevard (physical address), PO Box 389 (mailing address), Newton, NC 28658.

To qualify, all bids shall be submitted using bid forms contained in the Contract Documents, and submittal of all information requested in the Instructions to Bidders (00100). Incomplete or segregated bids will not be accepted.

Questions regarding the intent or Scope of Work must be delivered in writing to Martin Sanford, PE, BCEE via e-mail sanfordmd@cdmsmith.com and, to be given consideration, must be **received** at least eight (8) days prior to the date fixed for the opening of bids. Appropriate responses, where required, will then be issued by addendum to all plan holders prior to the date scheduled for submittal of bids.

All bids must be accompanied by a certified or cashier's check or bid bond in the amount of 5 percent of the total base bid amount made payable to Catawba County. Said deposit shall be retained by the Owner as liquidated damages in event of failure of the successful bidder to execute the Contract within fifteen calendar days after the award or to give satisfactory surety as required by law.

A Performance Bond and Labor and Materials Payment bond, each in the amount equal to 100% of the Contract Sum will be required to be furnished at the execution of the Contract Documents.

No bid shall be withdrawn for a period of 45 days after receipt of bids except as provided in Instructions to Bidders. Bidders are also notified that applicable provisions of Chapter 87 of the General Statutes of the State of North Carolina shall be observed in the receiving of bids and awarding of contracts for the Work.

Bidders must be licensed contractors in the State of North Carolina per classifications stated in Paragraph 2.0 in Section 00420.

The Owner reserves the right to waive informalities and to reject any and/or all bids.

Catawba County, North Carolina

END OF SECTION