

**BOARD OF COUNTY COMMISSIONERS**  
**SARPY COUNTY, NEBRASKA**

**RESOLUTION AUTHORIZING CONTRACT NEGOTIATIONS WITH**  
**BIORESOURCE FOR LANDFILL GAS COLLECTION/UTILIZATION PROJECT**

WHEREAS, pursuant to Neb. Rev. Stat. §23-104(6) (Reissue 2012), the County has the power to do all acts in relation to the concerns of the county necessary to the exercise of its corporate powers; and,

WHEREAS, pursuant to Neb. Rev. Stat. §23-103 (Reissue 2012), the powers of the County as a body are exercised by the County Board; and,

WHEREAS, Sarpy County requested sealed proposals to determine the feasibility, development of and maintenance of a beneficial landfill gas utilization project for the existing landfill gas collection system (LFGCS); and,

WHEREAS, four proposals were received and opened on November 13, 2014; and,

WHEREAS after review of all proposals received, Sarpy County Purchasing Department recommends proceeding with good faith negotiations with BioResource Development, LLC ("BioResource") to negotiate an acceptable agreement to develop a plan for the beneficial use of landfill gas produced by the county's LFGCS; and,

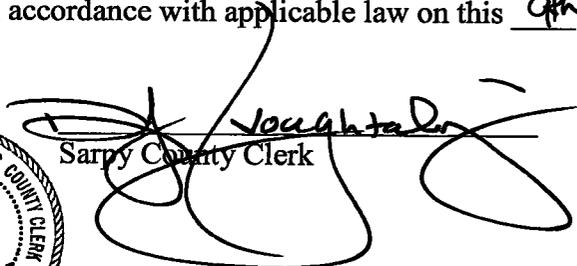
WHEREAS beneficial utilization of landfill gas captured by the LFGCS is in the best interests of the citizens of Sarpy County.

NOW, THEREFORE, BE IT RESOLVED by the Sarpy County Board of Commissioners (hereinafter "Board") that said Board hereby approves the recommendation of the County Purchasing Department and authorizes negotiation with BioResource for an acceptable agreement agreement to develop a plan for the beneficial use of landfill gas produced by the county's LFGCS.

The above and foregoing Resolution was duly approved by a vote of the Sarpy County Board of Commissioners at a public meeting duly held in accordance with applicable law on this 9<sup>th</sup> day of December, 2014.

  
 Chairman, Sarpy County Board



  
 Sarpy County Clerk

# Sarpy County Purchasing Department

SARPY COUNTY COURTHOUSE  
1210 GOLDEN GATE DRIVE, SUITE 1220  
PAPILLION, NE 68046



Brian Hanson, Purchasing Agent  
(402) 593-2349  
Debby Peoples, Asst. Purchasing Agent  
(402) 593-4164  
Beth Garber, Purchasing/Contract Administrator  
(402) 593-4476

## MEMO

To: Sarpy County Board of Commissioners  
From: Beth Garber  
Re: Landfill Gas Collection & Utilization Project

On November 13, 2014, the County opened four (4) proposals for the Landfill Gas Utilization Project. Three (3) of the proposals are for electricity generation and one (1) proposal, from BioResource Development (BRD), is for a natural gas solution. The proposals were reviewed with assistance from Daren Konda, TD2, who evaluated the technical aspects of the proposal.

The electricity generation proposals require a high value for the kilowatt per hour (kWh), which is generally not consistent with Nebraska rates. The previous LFGCS developer, CII, focused on electricity generation, but was unable to develop a feasible project.

Although BRD, who proposed the natural gas solution, has not completed a full installation for a landfill gas collection system (LFGCS) they are in the process of installing a system at the State Street Landfill for Douglas County. Various partners within the project have been involved in LFGCS projects on different levels including GNKuhn and WLA Consulting completing emission studies and 3<sup>rd</sup> party verifications. I contacted references for BRD, GNKuhn and WLA Consulting and all were positive. Most of the references noted that LFGCS projects are very specialized and there are not a lot of companies who have successful track records. The partners within the BRD proposal have been part of successful projects and are recommended by carbon brokers for this type of work.

BRD's proposed project has several direct and indirect benefits for the County. The system will continue to eliminate odors from the Landfill and destruct greenhouse gasses. The proposed project will also have avoided costs of maintenance (estimated over \$42,000 annually) and lease payments on the current system and use of property (estimated over \$20,000 annually).

Should a successful contract be agreed upon between BRD and the County, the first step will be a due diligence period where BRD will determine the feasibility to develop the project. Should the project be feasible, all design, development and maintenance of the new system will be the responsibility of BRD.

Please feel free to contact me with any questions.

December 3, 2014

Beth Garber

cc: Deb Houghtaling  
Mark Wayne  
Scott Bovick  
Brian Hanson

.....  
DUWAINE K. BRIGMAN  
253-2461



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**COUNTY OF SARPY**  
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**DIVISION OF ENVIRONMENTAL CONTROL**  
1210 GOLDEN GATE DRIVE • PAPILLION, NEBRASKA 68046  
MEMORANDUM

DATE: November 26, 2014

TO: Sarpy County Board of Commissioners

RE: Request for Proposals for Gas Collection and Control System was posted on October 30, 2014. The RFP opening date was set for November 13, 2014 at the Sarpy County Courthouse at 2:00p.m.; Sarpy County received proposals from four different companies.

FROM: Duwaine Brigman, Landfill manager

Companies submitting proposals:

W.R. Henderson Construction, Inc.  
P.O. Box 190  
Rexburg, Idaho 83440-0190  
Contact person: W.R. Henderson  
(208) 356-0764  
"Gas to Electricity Project"

Petra Engineering  
P.O. Box 659  
Huntersville, North Carolina 28070  
Contact person: Wayne Marshall  
(704) 987-1406  
"Gas to Electricity Project"

Greenfield Energy, LLC  
225 Greenfield Parkway, Suite 202  
Liverpool, New York 13088  
Contact person: W. Gary Craig  
(315) 471-4420  
"Gas to Electricity Project"

Bio Resource Development, LLC  
2062 S. 108<sup>th</sup>, # 113  
Omaha, NE 68137  
Contact person: Greg MacLean  
(402) 682-3680  
"Gas to Pipeline Project"

After staff review of all the proposals and our engineering firms review, my recommendation to the County Board of Commissioners is to award the project to Bio Resource Development, LLC., with the understanding that we will be coming back to the County Board, possibly early in the month of February, with a contact to make this a reality and to move forward with a beneficial use of the gas we are producing.

Respectfully submitted,

Duwaine Brigman, Landfill manager