



Leon County

Board of County Commissioners

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County Attorney

May 13, 2009

RE: Title: Request for Proposals for Landfill Gas utilization, Apalachee Solid Waste Management Facility
No: BC-05-28-09-26

ADDENDUM #3

Dear Vendor:

This letter serves as Addendum #3 for the above referenced project.

1. Attached are questions received with their answers.
2. Also made available for you online is the 2008 Annual Operation Permit for the Apalachee Solid Waste management Facility. The report is available at: www.leoncountyfl.gov/purchasing/addenda/index.asp

Acknowledgment of this addendum is required as part of your submittal. Failure to acknowledge this addendum may result in rejection of your proposal.

Should you have any questions, feel free to call me at (850) 606-1600.

Sincerely,

A handwritten signature in black ink, appearing to read "Keith M. Roberts".

Keith M. Roberts
Purchasing Director

KMR

Vendor Questions
Request for Proposals for Landfill Gas Utilization
Apalachee Solid Waste Management Facility
No: BC-05-28-09-26

From a strictly technical point of view, one of the primary keys to this project is estimating how much LFG there might be; because that will determine how much energy there is to market. The RFP does not provide sufficient information to determine how much LFG there might be.

The RFP and addendum 1 state two LFG flow rates; 280 scfm and 366 scfm. However, both the RFP and addendum 1 clearly state that the existing LFG system does not collect LFG from the entire landfill. So, there is certainly more LFG available. To complete a realistic estimate of how much LFG (and therefore revenue) may be available, we need as much of the following information as possible:

1) A list of the amount of waste placed in the landfill each year, with clearly stated units; for example tons per year, or cubic yards per year. Most states require landfill owners and operators to maintain records of this information. However, during the early years of operation of this site, that may not have been the case.

See p. 20-21 in the attached document, our annual Title V operating report. No waste has been received since April 2003.

2) An estimate of the in-place density of the waste. This is usually calculated by the owner or their engineer based on information regarding waste receipt rate (see item no. 1, above) and the amount of "air space" consumed (based on periodic surveys).

1,250 - 1,400 lbs/cu. yd.

3) Information regarding the in-place moisture content of the waste. This information may be indicated in general terms on logs of borings made during installation of the existing LFG wells. Copies of those well construction logs would be great.

Information is not available.

4) Information regarding liquid levels (if any) within the waste mass. This may be available from records of monitoring performed on the existing LFG wells.

Information is not available.

5) Information regarding potential users of low BTU gas, electric power and/or waste heat within a mile or two of the landfill.

Talquin Electric, a rural electric cooperative, services the immediate area around the landfill and purchases electricity from Seminole Electric. There are no potential users of direct energy.

6) It should also be noted that, to maximize the amount of LFG collected and, therefore, the potential amount of revenue; it would be advantageous to install LFG wells throughout the waste fill area. Will that be allowed?

Yes