

**ANNUAL GROUND WATER AND METHANE GAS MONITORING**

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The Carroll County Board of Commissioners submits Addendum 1 to Solicitation No. 09-A037, **ANNUAL GROUND WATER AND METHANE GAS MONITORING**. In an effort to clarify the Specifications, Conditions and Terms the following changes or additions are made to the original Request for Proposal (RFP).

CHANGES AND ADDITIONS TO ORIGINAL SOLICITATION

1. The proposals are now due **3:00 PM ET on Wednesday, April 29, 2009**.
2. Additional background information-
  - The last waste was placed in the landfill in 1997.
  - The EPD officially closed the landfill on November 7, 2003. We are in the EPD Assessment Phase for monitoring.
  - The previous monitoring firm submitted the ACM (Assessment of Corrective Measures) twice to the EPD. The EPD still has not given final approval on the Assessment. There is currently a report of corrective actions/recommendations to be submitted to the EPD for this final approval.
3. Additional Ground Water Well and Surface Water Site information-
  - The following well depths for Ground Water Monitoring are provided:
    - There are four (4) rock wells at a depth of 40 – 50 feet.
    - There are twenty (20) regular type wells at a depth of 25 – 30 feet.
  - The bidder will need to furnish disposable type Teflon balers for the samplings.
  - Attachment 1 to this addendum is a listing of Ground Water Wells at the Landfill. It lists the Tentative Schedule for Appendix I and II testing for the May and November Events.
  - Attachment 2 to this addendum is a list of Surface Water sites. This will be tested in accordance with standard surface water perimeters.
4. Additional Methane Monitoring information-
  - Four (4) of the nine methane wells are “Bar Punch” type.
5. The bidder shall include in their cost, the replacement of all well locks. These locks shall be

keyed alike and a copy of the key turned over to the County.

6. The former monitoring company will provide all Statistical Data to the successful bidder chosen by the Board of Commissioners. This data was compiled in the Statistical Program "GRITSTAT". The County will be responsible for obtaining this information once a firm has been selected.
7. Bidder shall provide their qualifications for producing an ACM (Assessment of Corrective Measures). This will be included in their proposal package outline in paragraph 3 of the original RFP. The bidder shall state qualifications, references and points of contact for landfills they have done ACMs in the past 5 years. This will also be considered in determining responsibility and responsiveness of proposals.
8. The price for the ACM will be negotiated between the County and the selected firm.
9. The bidder must fill-out Attachment 3 of this Addendum and include with the bid package outlined in paragraph 3 of the original RFP.

All other specifications, Terms and Conditions, not affected by the above changes and additions, remain in effect.

Bidders shall indicate in their proposals they have received this addendum (Addendum 1), Annual Ground Water and Methane Gas Monitoring (Solicitation 09-A037). Proposals without this acknowledgement may be rejected.

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**GROUND WATER MONITORING**  
**Sampling Schedule Summary (Tentative for May & Nov. 2009)**

SAMPLE POINT	5/09	11/09
GWC-1	EI	EI
GWC-2	EI	II
GWC-2R	EI	II
GWC-3	EI	EI
GWC-4	EI	II
GWC-5	EI	EI
GWC-5R	EI	EI
GWC-6	EI	EI
GWC-7	EI	II
GWC-8	EI	EI
GWC-9	EI	EI
GWC-10	EI	II
GWC-10R	EI	EI
GWC-11	EI	EI
GWC-12	EI	II
GWC-13	II	II
GWC-14	EI	II
GWC-14R	EI	EI
GWC-15	EI	EI
GWC-16	EI	II
GWC-17	II	II
GWC-18	II	II
GWC-19	II	II
GWC-20	II	II

**Legend**

**EI- Georgia Appendix I** as well as dichlorodifluoromethane, mercury, total sulfides, bis (2-ethylhexyl phthalate), as well as depth to groundwater, pH, conductivity, temperature, and turbidity.

**II - Georgia Appendix II** as well as depth to groundwater, pH conductivity, temperature, and turbidity.

**SURFACE WATER MONITORING**  
**Sampling Schedule Summary (Tentative for May & Nov. 2009)**

SAMPLE POINT	5/09	11/09
SWA-1	*	*
SWC-1	*	*

\*Surface Water  
Parameters.

**Proposed Pricing for  
Environmental Monitoring Services  
Carroll County SR  
166 Municipal Solid Waste Landfill  
(Permit No. 022-008D (SL))  
439 Simonton Mill Road  
Carrollton, GA 30117**

**Task 1 - Groundwater and Surface Water Monitoring & Reporting**

Description	Reporting Fee	Lab and Sampling Fee	Quantity	Subtotal
May Event			1	\$
November Event			1	\$

**Task 2 - Quarterly Methane Monitoring**

Description	Reporting Fee	Lab and Sampling Fee	Quantity	Subtotal
Quarterly Event/Report			4	\$
<b>Grand Total</b>				<b>\$</b>

**Task 1 Notes:** This task includes the entire fee for preparation of the semi-annual reports (w/required attachments) per EPD monitoring requirements, evaluation of the groundwater monitoring program, collection and laboratory analysis of groundwater and surface water samples. A Professional Geologist will stamp and certify each report.

**Task 2 Notes:** This task includes the entire fee for completion of quarterly methane monitoring events completed in accordance with EPD regulations including certification by an appropriately registered professional and inclusion of a current potentiometric surface map.