



City of Green River
City Council Meeting
Agenda Documentation

Preparation Date: June 12, 2018	Department: Public Works
Meeting Date: June 19, 2018	Department Head: Mark Westenskow
	Presenter: Mark Westenskow

Subject:

Amendment #8 to the Landfill Engineering Services Agreement with Inberg Miller Engineers.

Background/Alternatives:

The City entered into a Landfill Engineering Services Agreement with Inberg Miller Engineers (IME) in 2009. Since that time, IME has provided landfill groundwater monitoring and closure permitting assistance to the City. The current Amendment #8 would extend the term of IME services to the City related to landfill groundwater monitoring in compliance with the City's Cease and Transfer Grant and Loan parameters and our DEQ reporting requirements.

Attachments:

Amendment #8

Fiscal Impact:

Amendment #8 would authorize \$11,200 for groundwater monitoring. Funds will be drawn from remaining Solid Waste Fund programs.

Staff Impact:

Staff from the Engineering and Utilities Division will coordinate quarterly landfill groundwater testing.

Legal Review:

Approved as to Form 5/29/2018

Suggested Motion:

"I move to approve Amendment #8 to the Landfill Engineering Service Contract with Inberg Miller Engineers for \$11,200, and authorize the Mayor to sign the Amendment."



INBERG-MILLER ENGINEERS

Quality Solutions Through Teamwork

May 22, 2018

5541-RW

3 PDF PAGES EMAILED: mwestenskow@cityofgreenriver.org
This Constitutes the ORIGINAL

Mark Westenskow, Public Works Director
City of Green River
50 East 2nd North
Green River, WY 82935

RE: AMENDMENT NO. 8 TO OUR
JULY 1, 2009 SERVICE AGREEMENT
FOR LANDFILL ENGINEERING SERVICES
GREEN RIVER LANDFILL
GREEN RIVER, WYOMING

Dear Mark:

The purpose of this Amendment is to amend our Service Agreement and Appendix A dated July 1, 2009.

SERVICE AGREEMENT

Revise the following Section as follows:

SECTION 29.1: TERM OF AGREEMENT

The term of this AGREEMENT shall be extended commencing on July 1, 2018, and ending on June 30, 2019. IME shall not commence work or services under this AGREEMENT until the CLIENT executes and delivers a copy of this AMENDMENT to IME.

APPENDIX A

PROJECT DESCRIPTION

Closed Landfill (#10.256)

Semi-annual inspections are required to document closure conditions of the old landfill.

Existing Landfill (#10.255)

Groundwater sampling and monitoring is now required to be performed on a semi-annual basis with statistical analysis performed after each event in accordance with the WDEQ-SHWD Minor Permit Change Letter dated June 28, 2012.

SCOPE OF SERVICES

Our scope of services includes the following:

124 East Main Street
Riverton, WY 82501
307-856-8136
307-856-3851 (fax)
riverton@inberg-miller.com

1120 East "C" Street
Casper, WY 82601
307-577-0806
307-856-3851 (fax)
casper@inberg-miller.com

350 Parsley Boulevard
Cheyenne, WY 82007
307-635-6827
307-856-3851 (fax)
cheyenne@inberg-miller.com

1300 E. US Hwy 14-16
Gillette, WY 82716
307-682-5000
307-856-3851 (fax)
gwilliams@inberg-miller.com

830 E. Richards, Suite 1
Douglas, WY 82633
307-359-7000
307-856-3851 (fax)
egraney@inberg-miller.com

193 W. Flaming Gorge Way
Green River, WY 82935
307-875-4394
307-856-3851 (fax)
greenriver@inberg-miller.com

Closed Landfill (#10.256)

Semi-annual inspections are required to document closure conditions of the old landfill. We will perform the closure observations during scheduled sampling events.

Existing Landfill (#10.255)

Environmental Monitoring

We propose to continue to collect groundwater samples and submitting the samples for analytical testing from the four monitoring wells (IME-10, IME-11, IME-12, and IME-13) and one existing monitoring well (IME-7), if it produces enough water, for the required Appendix C inorganics in January and Appendix C inorganics and Appendix A parameters in July. Samples will be submitted directly to Energy Laboratories for testing. The testing costs will be billed to the City of Green River directly by Energy Laboratories. We will also measure for the presence of methane in the monitoring wells. A report on each sampling event will be prepared with field notes, methane monitoring data, groundwater elevation data, site hydrograph, potentiometric map, site map, analytical data summary tables, and laboratory reports. A PDF version of this report, along with the electronic file version of the chemical analyses and groundwater elevations will be emailed to you for review, and upon your approval, will be sent to the Wyoming Department of Environmental Quality-Solid and Hazardous Waste Division (WDEQ-SHWD).

We propose compiling the data and performing a statistical analysis of the groundwater for each event. This phase of the project will include requiring a renewal of the Sanitas license for the Green River Landfill. A statistical report will be prepared and will include conclusions about any impacts the landfill may have had to groundwater. Our conclusions will be based upon the statistics, data reliability, groundwater flow direction, seasonal variations, and our experience.

We will include inspection of the closed landfill during our site visits for the environmental monitoring in order to provide the necessary documentation as to the performance of the closure.

FEES

Our fee for services performed will be charged at our current hourly, unit, and expense rates. We estimate the cost of the proposed scope of services described above to be as follows:

Fiscal Year 2018 - 2019

Tasks	Units	Estimated Fees
<i>Closed Landfill-#10.256</i>		
1. Semi - annual inspections ¹ (2 total)		\$1,500.00
<i>2017-2018 Groundwater Sampling and Analytical Testing-#10.255²</i>		
1. Sample and Semi-Annual Reporting for 5 Monitoring Wells in July of 2018 and January of 2019, perform inspections of closed landfill cover	2 events at \$3,200.00	\$6,400.00
2. Statistical Analysis and Report for July 2018 and January 2019 sampling events	2 events at \$1,500.00	\$3,000.00
3. Annual Sanitas License Maintenance Fee	1 event at \$300.00	\$300.00
<i>Estimated Total</i>		<i>\$11,200.00</i>

Mark Westenskow, Public Works Director
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¹ Coordinated with sampling events.

² Analytical testing costs will be billed by Energy Laboratories directly to the City of Green River.

If services in addition to the proposed scope of services appear necessary, we will perform such services at additional cost.

PERFORMANCE SCHEDULE

Upon receipt of a properly executed copy of this Amendment, we will be available to continue to perform professional services.

CLOSURE

We appreciate the opportunity to submit this Amendment to our Service Agreement. Please have your authorized representative (i.e. corporate officer, manager, public official, property owner) execute the Amendment where indicated and return a full and complete copy of the Amendment to our office.

If you have any questions regarding this Amendment, please contact us at 307-875-4394.

Sincerely,

INBERG-MILLER ENGINEERS



Steven F. Moldt, P.E.
Chief Executive Officer

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AMENDMENT NO. 8 ACCEPTED

Inberg-Miller Engineers

City of Green River

Signature:  _____

Signature: _____

Print Name: Steven F. Moldt, P.E.

Print Name: _____

Title: Chief Executive Officer

Title: _____

Date: May 22, 2018

Date: _____