

REQUEST AUTHORIZATION FOR MAYOR AND FINANCE OFFICER TO SIGN PROFESSIONAL SERVICES AGREEMENT OR AMENDMENT

Project Name & Number: Cell 12 GCCS Expansion
Project No. 13-2147

CIP #:

Project Description: To provide professional engineering, design and bidding services for the expansion of the gas collection and control system required over Cell 12.

Consultant: Burns and McDonnell

Original Contract Amount: \$183,392.00

Original Contract Date: February 19, 2014

Original Completion Date: October 31, 2014

Addendum No: 1

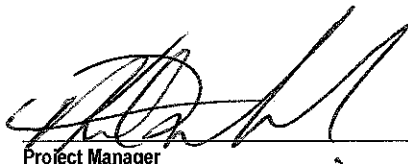
Amendment Description: Additions/changes to the Construction Phase Services.


Current Contract Amount:	\$183,392.00	Current Completion Date:	
Change Requested:	\$110,298.00		
New Contract Amount:	\$293,690.00	New Completion Date:	


Funding Source This Request:

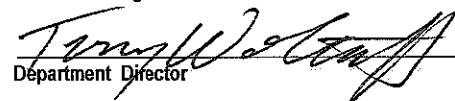
\$110,298.00	7102	4223	615	
\$110,298.00	Total			

Agreement Review & Approvals


Project Manager 9-25-14
Date


Compliance Specialist 9/25/14
Date


Division Manager Date


Department Director 9-25-14
Date

City Attorney Date

ROUTING INSTRUCTIONS

Route **two** originals of the Agreement for review and signatures.
Finance Office - Retain one original
Project Manager - Retain second original for delivery to Consultant
cc: Public Works
Engineering
Project Manager

FINANCE OFFICE USE ONLY

(Note to Finance: Please write date of Agreement in appropriate space in the Agreement document)

	Date	Initials	Approved	
Appropriation	9/26/14	JW	<input checked="" type="checkbox"/>	N
Cash Flow			<input checked="" type="checkbox"/>	N

AMENDMENT NO. 1
To
AGREEMENT For PROFESSIONAL ENGINEERING SERVICES
Between
BURNS & McDONNELL ENGINEERING COMPANY, INC.
Centennial, Colorado
and
CITY OF RAPID CITY, SOUTH DAKOTA

This Contract amendment is made by and between Burns & McDonnell Engineering Company, Inc. (Engineer), a Missouri Corporation and City of Rapid City, South Dakota, this 12th day of September, 2014, for the Rapid City Landfill Cell 12 GCCS Expansion Construction Management and Documentation (SW13-2147)

Whereas, it is the mutual desire of the parties hereto to amend the AGREEMENT for PROFESSIONAL ENGINEERING SERVICES entered into on the 4th day of March 2014, hereinafter called the "Existing Agreement", amended on the ___ of _____, 2014, hereinafter called Amendment No. 1, it is hereby agreed that the Existing Agreement be amended as follows:

SCOPE OF SERVICES

ADD the following to Exhibit A: Scope of Engineering Services:

- Section 4 – Construction Phase Services
 - Description
The City of Rapid City (City) has submitted and received approval of construction documents from the South Dakota Department of Environment and Natural Resources (SDDENR) to construct improvements at the City of Rapid City's Landfill (Landfill). It is City's desire that Engineer provide construction phase services for City Project Number SW13-2147. Engineer will subcontract with American Engineering and Testing, Inc. (AET) to assist in the completion of the construction phase work.
 - Task 4.1 – Pre-construction Meeting
Engineer will facilitate a pre-construction meeting at the Rapid City Landfill (Landfill) with the selected contractor and subcontractors. Discussion issues will include design and construction methods (schedule, submittals, change order processes, and payment request procedures), health and safety, temporary controls, and interactions with Landfill operations/customers. Meeting minutes will be prepared and distributed to attendees of the meeting.

- Task 4.2 – Construction Administration and Documentation

Engineer will review and process Contractor’s submittals and Requests for Information (RFI). Engineer will maintain communication with the Contractor through the submittal process to ensure materials and equipment meet project specifications and will work with the Contractor for efficient execution of the submittal process. During the course of construction activities Engineer will be responsible for the following activities:

 - Technical support for questions that arise, field changes, and change orders
 - Review and approval of prepared project submittals and Contractor payment
 - Coordination with City and approval of change orders
 - Facilitation and attendance of meetings.
 - Detailed daily field observations and complete daily reports (including digital photography when appropriate).
 - Review of field delivered materials and workmanship for approval or refusal.
 - Review of materials testing and field testing provided by Contractor and as specified.
 - Processing of pay estimates, pay applications, progress reports, contract change orders with analysis, justification and recommendations, project correspondence, and reports and charts (if needed).
 - Monitoring erosion control measures and submitting required forms.

- Task 4.3 – Construction Documentation Report

Engineer, after completion of the construction activities, will prepare a construction quality assurance (CQA) report. As part of this task, Engineer will organize the pertinent construction data and submittals into report format and submit a CQA report to the City and SDDENR. The CQA report will discuss:

 - Project introduction and background
 - List of organizations and responsibilities
 - Summary of construction activities
 - Testing laboratory results
 - Observation and test data sheets (includes sampling and testing location plan)
 - Description of construction problems/resolutions
 - Landfill gas well installation record logs
 - As recorded drawing set
 - List of significant deviations from the construction documents

Assumptions

Engineer has assumed the following additional assumptions.

- Engineer's Project Manager or designee will attend up to eight planned on site meetings.
- Engineer's Project Manager or designee will spend up to 10 hours hours/week for 16 weeks performing the tasks described in Task 4.2.
- Engineer will provide full time onsite personnel during landfill gas well drilling and well installation. Well drilling and installation is assumed to not require more than 10 days.
- The maximum construction duration is assumed to be 16 weeks total and continuous commencing from the Contractor's contractual Notice to Proceed and extending until the Contractor's contractual Completion Date. Engineer will provide field oversight during time period for an average of 5 hours/day for 5 days/week.
- Engineer will, through the services of AET complete field testing for in place soils.

SCHEDULE

Revise Section 6 as follows:

Then Engineer shall complete Construction Phase Services and GCCS assistance services on or before December 31, 2015.

FEE

Revise Section 5.2 in its entirety to read as follows:

5.2. The maximum amount of the fee for the services as detailed in Section 1.2 shall not exceed Two Hundred and Ninety-Three Thousand Six Hundred Ninety dollars and No cents (\$293,690.00) unless the scope of the project is changed as outlined in Section 4. If expenses exceed the maximum amount, the Engineer shall complete the design as agreed upon here without any additional compensation. Sub task dollar amounts may be reallocated to other tasks as long as the total fee is not exceeded.

This amendment will be deemed a part of, and be subject to, all terms and conditions of the Existing Agreement. Except as modified above, the Existing Agreement will remain in full force and effect.

BURNS & MCDONNELL ENGINEERING CO.

ACCEPTED:

By Mark A. Zitzewitz
Title VICE PRESIDENT
Date 9/16/14

ATTEST:

By Daniel D. Klein
Title Secretary
Date 9/16/14

CITY OF RAPID CITY

ACCEPTED:

By _____
Title Mayor
Date _____

ATTEST:

By _____
Title Finance Officer
Date _____

END OF AMENDMENT NO. 1

**Cost Estimate
on a per Task Basis**

(fill in green boxes)

**City of Rapid City
Rapid City Landfill Cell 12 GCCS Expansion
Rapid City Landfill**

Task No.	Task Description	Category	Hourly Rate	Hours	Cost	EXPENSES						Total Cost
						Item	Quantity	Unit	Cost per Unit	Base Cost	Percent Markup	
4.1	Preconstruction Meeting	Associate (15) Associate (14) Senior (13) Senior (12) Staff (11) Staff (10) Assistant (9) Assistant (8) Assistant (7) Technician (6) General Office	\$213.00 \$201.00 \$188.00 \$173.00 \$173.00 \$158.00 \$143.00 \$130.00 \$117.00 \$84.00 \$72.00 \$61.00	12	\$1,896.00	Repro/Fedex Mileage	2 700	each miles	\$50.00 \$0.57	\$100.00 \$395.50		\$100.00 \$395.50
Task Subtotals				12	\$1,896.00	Meals Technology Charge	1 12	day hour	\$50.00 \$0.00	\$50.00 \$0.00		\$50.00 \$0.00
Task Total				12	\$1,896.00							\$545.50
4.2	Construction Administration and Documentation	Associate (15) Associate (14) Senior (13) Senior (12) Staff (11) Staff (10) Assistant (9) Assistant (9) Assistant (9) Technician (6) General Office	\$213.00 \$201.00 \$188.00 \$173.00 \$173.00 \$158.00 \$143.00 \$130.00 \$117.00 \$84.00 \$72.00 \$61.00	8 184 100	\$1,384.00 \$28,072.00 \$13,000.00	Hotel Airfare Rental Car Repro/Fedex Mileage Subcontractor - AET Equipment Meals Technology Charge	12 1 12 4900 1 4 20 292	day each day each miles each each day hour	\$110.00 \$1,000.00 \$1,000.00 \$70.00 \$50.00 \$0.57 \$44,400.00 \$100.00 \$50.00 \$0.00	\$1,320.00 \$1,000.00 \$840.00 \$2,768.50 \$44,400.00 \$400.00 \$1,000.00 \$0.00		\$1,320.00 \$1,000.00 \$840.00 \$2,768.50 \$44,400.00 \$400.00 \$1,000.00 \$0.00
Task Subtotals				292	\$43,456.00							\$51,728.50
Task Total				292	\$43,456.00							\$51,728.50
4.3	Construction Documentation Report	Associate (15) Associate (14) Senior (13) Senior (12) Staff (11) Staff (10) Assistant (9) Assistant (8) Assistant (7) Technician (6) General Office	\$213.00 \$201.00 \$188.00 \$173.00 \$173.00 \$158.00 \$143.00 \$130.00 \$117.00 \$84.00 \$72.00 \$61.00	2 32 48	\$376.00 \$5,056.00 \$6,240.00	Hotel Airfare Rental Car Repro/Fedex Mileage Subcontractor - AET Equipment Meals Technology Charge	20	day each day each miles each each day hour	\$110.00 \$1,000.00 \$70.00 \$50.00 \$0.57 \$44,400.00 \$100.00 \$50.00 \$0.00	\$1,000.00		\$1,000.00
Task Subtotals				82	\$11,672.00							\$0.00
Task Total				82	\$11,672.00							\$12,672.00

**Cost Estimate
on a per Task Basis**

(fill in green boxes)

**City of Rapid City
Rapid City Landfill Cell 12 GCCS Expansion
Rapid City Landfill**

Task No.	Task Description	Category	Hourly Rate	Hours	Cost	EXPENSES												
						Item	Quantity	Unit	Cost per Unit	Base Cost	Percent Markup	Total Cost						
		Associate (15)	\$213.00															
		Associate (14)	\$201.00															
		Senior (13)	\$188.00			Hotel		each	\$170.00									
		Senior (12)	\$173.00			Airfare		day	\$1,000.00									
		Staff (11)	\$158.00			Rental Car		each	\$70.00									
		Staff (10)	\$143.00			Repro/Exdex		each	\$50.00									
		Assistant (9)	\$130.00			Mileage		miles	\$0.57									
		Assistant (8)	\$117.00					each										
		Technician (7)	\$84.00			Equipment		each	\$100.00									
		General Office	\$72.00			Meals		day	\$50.00									
		General Office	\$61.00			Technology Charge		hour	\$0.00									
Task Subtotals				0	\$0.00		0					\$0.00					\$0.00	
Task Total																		\$0.00
Project Total																		\$110,288.0