

AMENDMENT NO. 1 TO AGREEMENT

Project: Professional Services for Master Planning
Professional Services for the Wastewater Utility
System Master Plan Update/Model Recalibration,
Project No. 14-2192 / CIP No. 50819

Background Data: Original Contract Date: November 20, 2017
Owner: City of Rapid City
Consultant: Black and Veatch Corporation

Nature of Amendment:
This amendment modifies the project scope and fee as noted in Exhibits A and B. This includes additional field survey of manholes and a revision to the Asset Management Policy scope. A new Exhibit C replaces the existing fee schedule with updated rates and personnel.

Current Contract Amount: \$1,386,212.00

Change Requested: \$ 59,890.00

New Contract Amount: \$1,446,102.00

Owner and Engineer hereby agree to modify the above referenced Agreement as set forth in this Amendment. All provisions of the Agreement not modified by this or previous Amendments remain in effect. The effective date of this Amendment is:

_____.

CITY OF RAPID CITY:

ENGINEER:

By: _____
Steve Allender, Mayor

By: _____
Black & Veatch Corporation

Date Signed: _____

Date Signed: _____

ATTEST:

REVIEWED BY:

By: _____
Pauline Sumption, Finance Officer

Project Manager

Date Signed: _____



EXHIBIT A

BLACK & VEATCH CORPORATION AMENDMENT NO. 1 TO AGREEMENT FOR SCOPE OF SERVICES

FOR

WASTEWATER UTILITY SYSTEM MASTER PLAN UPDATE & MODEL RECALIBRATION PROJECT NO. 14-2192 (CIP NO. 50819)

GENERAL

Task 204 – GPS Field Survey

Prior to beginning the manhole inspections under Task 204, the City indicated that there were 948 manholes that had some information collected, but there was uncertainty about the quality of the inspection and the accuracy of the information. Engineer inspected some of these manholes during the first quadrant of Task 204 and determined that while rim elevations were adequate (generally within 0.1 feet of the survey), invert elevations varied up to 0.9 feet from one survey to the other. In addition, there was not a complete survey for these manholes. The City requested to add 1100 manholes to the survey requirements of Task 204.

Task 702 – Asset Management Policy

During WS-7-1 on the Asset Management Policy, the City indicated that they were not ready to develop a formal Asset Management Policy and that it would be more appropriate to develop what was termed an Asset Management Program Improvement Vision that could be shared with City Council as the City moves forward in this process. This will be a no cost impact to the project.

Exhibit C – Professional Services Rate Schedule

The City requested Engineer provide an updated Exhibit C of the contract to account for changes in staffing and rates. The changes to names and rates does not increase the contract amount.

AMENDED SCOPE OF SERVICE

Additional Time

No additional time is added to the project for amendment.

Additional Services

Task 106 – Add effort required for the management and administration of this amendment and the service added.

Task 204 – Increase the number of manholes to be surveyed and inspected from 1200 to 2300. An addition of 1100 manholes to the survey and inspection effort.

Task 702 – Replace the current Task 702 description with the following new task description.

Task 702 – Asset Management Program Improvement Vision

Consultant will develop an Asset Management Program Improvement Vision for the City. The Program Improvement Vision will be a visual-based document that identifies the steps to a mature and robust asset management program including the following:

- Benefits to a fully developed asset management program
- Existing activities the City is undertaking that will provide an asset management foundation
- Additional near-term activities that will further support asset management
- Required institutional needs for a robust asset management program
- Long-term goals of an asset management program.

This document will be used by the City to begin discussions internally at all levels to move the asset management program forward and develop wide-spread buy-in.

Conduct Workshop 7-1 (and MTG-702, if needed) with City staff to develop the Asset Management Program Improvement Vision. The resulting document will be delivered to the City for final review and approval.

Exhibit C – Professional Services Rate Schedule

Delete the existing Exhibit C and replace it with the new Exhibit C attached to this Amendment No. 1.

Exhibit C
Rapid City, South Dakota
Wastewater Utility System Master Plan and Hydraulic Model
Professional Services Rate Schedule

Name	Role	Hourly Billing Rate			
		2017	2018	2019	2020
Project Team Members		Black & Veatch			
Paul Boersma	Project Principal	\$244	\$251	\$259	\$267
Karen Burgi	Project Manager	\$210	\$216	\$223	\$229
Shawn LaBonde	Quality Control Reviewer - Senior (PM for Water)	\$210	\$216	\$223	\$229
Variable	Quality Control Reviewer - Senior	\$210	\$216	\$223	\$229
Variable	Quality Control Reviewer - Mid	\$196	\$202	\$208	\$214
Variable	Quality Control Reviewer - Junior	\$180	\$185	\$191	\$197
Bo Johnston	Task Leader - Senior	\$168	\$173	\$178	\$184
Robert Schweiger	Task Leader - Hydraulic Modeling & Planning	\$168	\$173	\$178	\$184
Variable	Task Leader - Senior	\$168	\$173	\$178	\$184
Ed Koval	Task Leader - Hydraulic Modeling & Planning	\$156	\$161	\$166	\$170
Justin Joseph	Staff Engineer - Senior	\$135	\$139	\$143	\$147
Variable	Staff Engineer - Senior	\$135	\$139	\$143	\$147
Variable	Staff Engineer - Mid	\$124	\$128	\$132	\$135
Variable	Staff Engineer - Junior	\$112	\$116	\$119	\$123
Jeff Stillman	Asset Management - Practice Leader	\$210	\$216	\$223	\$229
Kevin Harper	Asset Management Specialist - Senior	\$210	\$216	\$223	\$229
Amanda Zarazua	Asset Management Specialist	\$186	\$192	\$197	\$203
Variable	Asset Management Specialist	\$186	\$192	\$197	\$203
Paul Rhine	Asset Management Support	\$128	\$132	\$136	\$140
Variable	Asset Management Support	\$128	\$132	\$136	\$140
Brian Lendt	GIS Specialist - Senior	\$144	\$148	\$153	\$157
Variable	GIS Specialist - Senior	\$144	\$148	\$153	\$157
Variable	GIS Specialist - Mid	\$134	\$138	\$142	\$146
Variable	GIS Specialist - Junior	\$124	\$128	\$132	\$135
David Klaus	Sr. Modeling Technician	\$134	\$138	\$142	\$146
Prahba Kumar	Mgmt Consulting - Task Director	\$294	\$303	\$312	\$321
Pam Lenoine	Mgmt Consulting - Task Manager	\$268	\$276	\$284	\$293
Alberto Morales	Mgmt Consulting - Financial Analysis Lead	\$238	\$245	\$252	\$260
Variable	Mgmt Consulting - Task Manager	\$238	\$245	\$252	\$260
Variable	Mgmt Consulting - Analyst	\$191	\$197	\$203	\$209
Sandie Masters	Project Support Assistant - Mid	\$112	\$115	\$119	\$122
Variable	Project Support Assistant - Mid	\$112	\$115	\$119	\$122
Variable	Project Controls	\$133	\$137	\$141	\$145
Variable	CAD	\$134	\$138	\$142	\$146
Project Team Members		Banner Associates			
Sig Zvejnicks	Project Principal	\$177	\$182	\$188	\$193
Dennis Rebelein	Task Leader - Senior	\$141	\$145	\$150	\$154
Variable	Task Leader - Senior	\$141	\$145	\$150	\$154
Terry Cash	Task Leader - Junior	\$127	\$131	\$135	\$139
Variable	Task Leader - Junior	\$127	\$131	\$135	\$139
Variable	Project Engineer - Senior	\$106	\$109	\$112	\$116
Variable	Project Engineer - Mid	\$99	\$102	\$105	\$108
Bryan Lipp	Project Engineer - Junior	\$91	\$94	\$97	\$99
Variable	Project Engineer - Junior	\$91	\$94	\$97	\$99
Variable	Staff Engineer - Senior	\$84	\$87	\$89	\$92
Nick Gillen	Staff Engineer - Mid	\$81	\$83	\$86	\$89
Variable	Staff Engineer - Mid	\$81	\$83	\$86	\$89
Variable	Staff Engineer - Junior	\$64	\$66	\$68	\$70
Variable	CADD Drafting and GIS Specialist - Mid	\$75	\$77	\$80	\$82
Variable	CADD Drafting and GIS Specialist - Junior	\$57	\$59	\$60	\$62
Variable	Project Support Assistant - Senior	\$84	\$87	\$89	\$92
Variable	Project Support Assistant - Mid	\$65	\$67	\$69	\$71
Variable	Project Support Assistant - Junior	\$50	\$52	\$53	\$55
Project Team Members		FMG Engineering			
Allen Foster	Technical Advisor	\$166	\$171	\$176	\$181
Jason Pettyjohn	Civil Engineer - Senior	\$127	\$131	\$123	\$127
Variable	Civil Engineer - Mid	\$108	\$111	\$115	\$118
Variable	Civil Engineer - Junior	\$93	\$96	\$99	\$102
Variable	CAD Technician	\$94	\$97	\$100	\$103
Variable	GIS Specialist	\$94	\$97	\$100	\$103
Variable	GPS Survey Lead	\$94	\$97	\$100	\$103
Variable	Survey Crew	\$72	\$74	\$76	\$79
Variable	Project Support Admin	\$61	\$63	\$65	\$67
Project Expenses					
Direct Project Expenses				At-Cost; No Markup	
Engineer's Subconsultants				At-Cost; No Markup	
Vehicle Mileage				US Federal Government Rate	
Telephone Costs				No-Charge	
Technology Costs (computer use, office equipment, etc.)				No-Charge	
Travel Costs				At-Cost; No Markup	