

## AMENDMENT NO. 1 TO AGREEMENT

**Project:** Water Utility System Master Plan Update/Model  
Recalibration, Project No. 14-2142 / CIP No. 50817

**Background Data:** Original Contract Date: September 21, 2015  
Owner: City of Rapid City  
Consultant: Black and Veatch Corporation

### **Nature of Amendment:**

The original project schedule duration was forecasted to run from September 2015 through December 2018. Initial work on the project including updates to the City Geographic Information System Database, updates to the water distribution system hydraulic model, and calibration of the hydraulic model have taken more time than anticipated in the original project schedule. This item increases the Contract Time to run through 2021 which includes completion of the Master Plan as well as 12 months of continuing support services.

This amendment also provides an update to Contract Exhibit C (Professional Services Rate Schedule) to account for changes in staffing and rates as well as the extension of time. This update to Exhibit C does not increase the Contract Amount.

### **Section 6 – Completion of Services**

Delete the date reference December 31st, 2018, and replace it with December 31st, 2021.

### **Exhibit C – Professional Services Rate Schedule**

Replace Exhibit C covering years 2015-18, with the revised Exhibit C covering years 2018-21. Revisions to Exhibit C does not increase the contract amount.

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:

By: \_\_\_\_\_  
Steve Allender, Mayor

Date Signed: \_\_\_\_\_

ATTEST:

By: \_\_\_\_\_  
Pauline Sumption, Finance Officer

Date Signed: \_\_\_\_\_

ENGINEER:

By: Paul Bourne  
Black & Veatch Corporation

Date Signed: 1/21/19

REVIEWED BY:

Shawn D. LaBonde  
Project Manager



**Amendment No. 1**  
**Exhibit C**  
**Rapid City, South Dakota**  
**Water Utility System Master Plan and Hydraulic Model Recalibration/Update**  
**Professional Services Rate Schedule**

Name	Role	Hourly Billing Rate			
		2018	2019	2020	2021
<b>Project Team Members</b>	<b>Black &amp; Veatch</b>				
Paul Boersma	Project Principal	\$251	\$251	\$259	\$267
Shawn LaBonde	Project Manager	\$216	\$216	\$223	\$230
Variable	Quality Control Reviewer - Senior	\$216	\$216	\$223	\$230
Karen Burgi	Quality Control Reviewer - Mid	\$201	\$201	\$207	\$213
Variable	Quality Control Reviewer - Junior	\$186	\$186	\$191	\$197
Bo Johnston	Task Leader - Senior	\$173	\$173	\$178	\$183
Ed Koval	Task Leader - Hydraulic Modeling & Planning	\$161	\$161	\$165	\$170
Variable	Task Leader - Junior	\$149	\$149	\$153	\$158
Variable	Staff Engineer - Senior	\$143	\$143	\$147	\$152
Variable	Staff Engineer - Mid	\$131	\$131	\$135	\$139
Variable	Staff Engineer - Junior	\$119	\$119	\$123	\$126
Variable	Technical Specialists - Senior	\$216	\$216	\$223	\$230
Chris Tadanier	Technical Specialists - Mid	\$205	\$205	\$212	\$218
Amanda Zarazua	Technical Specialists - Junior	\$191	\$191	\$197	\$203
Brian Lendt	GIS Specialist - Senior	\$149	\$149	\$153	\$158
Rachel Yeager	GIS Specialist - Mid	\$138	\$138	\$142	\$146
Variable	GIS Specialist - Junior	\$127	\$127	\$131	\$134
Variable	CAD Graphics and Tech Support - Senior	\$165	\$165	\$170	\$175
Variable	CAD Graphics and Tech Support - Mid	\$138	\$138	\$142	\$146
Variable	CAD Graphics and Tech Support - Junior	\$110	\$110	\$114	\$117
Mike Dowell, John Watkins	Project Support Assistant - Senior	\$137	\$137	\$141	\$145
Sandie Masters	Project Support Assistant - Mid	\$116	\$116	\$119	\$123
Stephanie Lee	Project Support Assistant - Junior	\$95	\$95	\$98	\$101
<b>Project Team Members</b>	<b>Banner Associates</b>				
Variable	Project Principal	\$177	\$180	\$190	\$200
Variable	Task Leader - Senior	\$141	\$160	\$168	\$177
Variable	Task Leader - Mid	\$135	\$140	\$147	\$155
Variable	Task Leader - Junior	\$130	\$135	\$142	\$150
Variable	Project Engineer - Senior	\$109	\$115	\$121	\$127
Variable	Project Engineer - Mid	\$102	\$105	\$111	\$116
Variable	Project Engineer - Junior	\$93	\$95	\$100	\$105
Variable	Staff Engineer - Senior	\$87	\$90	\$95	\$100
Variable	Staff Engineer - Mid	\$78	\$80	\$84	\$89
Variable	Staff Engineer - Junior	\$66	\$70	\$74	\$78
Variable	CADD Drafting and GIS Specialist - Senior	\$103	\$105	\$110	\$116
Variable	CADD Drafting and GIS Specialist - Mid	\$74	\$75	\$79	\$83
Variable	CADD Drafting and GIS Specialist - Junior	\$56	\$60	\$63	\$67
Variable	Project Support Assistant - Senior	\$86	\$90	\$95	\$100
Variable	Project Support Assistant - Mid	\$66	\$70	\$74	\$78
Variable	Project Support Assistant - Junior	\$46	\$55	\$58	\$61
<b>Project Team Members</b>	<b>FMG Engineering</b>				
Variable	Technical Advisor	\$164	\$164	\$169	\$174
Variable	Civil Engineer - Senior	\$126	\$126	\$130	\$134
Variable	Civil Engineer - Mid	\$109	\$109	\$112	\$116
Variable	Civil Engineer - Junior	\$93	\$93	\$96	\$99
Variable	CAD Technician	\$93	\$93	\$96	\$99
Variable	GIS Specialist	\$93	\$93	\$96	\$99
Variable	Registered Land Surveyor	\$93	\$93	\$96	\$99
Variable	Survey Crew Chief	\$71	\$71	\$73	\$75
Variable	Survey Technician	\$71	\$71	\$73	\$75
Variable	Project Support Admin	\$60	\$60	\$62	\$64
	<b>Project Expenses</b>				
	Direct Project Expenses				At-Cost; No Markup
	Engineer's Subconsultants				At-Cost; No Markup
	Vehicle Mileage				US Federal Government Rate
	Telephone Costs				No-Charge
	Techology Costs (computer use, office equipment, etc.)				No-Charge
	Travel Costs				At-Cost; No Markup