

AMENDMENT NO. 1 TO AGREEMENT

Project: Meadowbrook Gallery Demolition & Water Rights Transfer
Project No. W13-2092 / CIP No. 50954

Background Data: Effective Date of Agreement: March 28, 2013
Owner: City of Rapid City
Engineer: Banner Associates, Inc.

Nature of Amendment: The City has requested addition design services to include the abandonment of low pressure pipeline in vicinity of project and the conversion of houses to high pressure system and includes facilitating the installation of pressure reducing valves (PRV's) on houses as needed and will require evaluation pressures on existing water main. See attached Exhibit "A" for amendment scope details, Exhibit "B" for task fees, and Exhibit "C" for billing rate schedule.

Current Contract Amount: \$24,966.00 **Completion Date:** May 15, 2014

Change Requested: \$23,882.00

New Contract Amount: \$48,848.0 **Completion Date:** May 15, 2014

Owner and Engineer hereby agree to modify the above referenced Agreement as set forth in this Amendment. Exhibit A, B, and C are incorporated in the Amendment by reference. All provisions of the Agreement not modified by this or previous Amendments remain in effect. The effective date of this Amendment is: August _____, 2013.

CITY OF RAPID CITY:

ENGINEER:

By: _____
Mayor

By: 
Banner Associates, Inc.

Date Signed: _____

Date Signed: July 22, 2013

ATTEST:

REVIEWED BY:

By: _____
Finance Officer

 7/22/13
Stacey Titus, Project Manager

Date Signed: _____



EXHIBIT "A"

Scope of Services for Amendment One (1) – Meadowbrook Galleries Demolition & Water Rights Transfer Project

GENERAL SCOPE:

The City of Rapid City requested Banner Associates, Inc. to provide additional design services related to the Meadowbrook Galleries Demolition and Water Rights Transfer Project (W13-2092). With the abandonment of the gallery, low level water lines originating from this source can be abandoned, and areas of historically low pressure east of the golf course can be switched to a higher pressure zone with the implementation of Pressure Reducing Valves (PRVs). This Amendment is for those additional professional services as outlined below:

Preliminary Design Services:

New Task A: Conceptual Design Plan for "Abandon In Place" portions of Low Level zone piping consisting of approximately 140 lf of 14 inch ductile iron (DI) water main, and approximately 1105 lf of 16 inch DI water main. City desires to also abandon the valve cluster near the "starter shack" at the golf course and install new piping & valving interconnects as appropriate to the Canyon Lake (higher pressure) zone. Design will require preliminary research of mains, identification of pipeline type & appurtenances to be removed, and coordination with City Facilities to determine what needs to be returned to the City. The concept design will also recommend possible addition of valves and hydrant where appropriate to meet standard City spacing on the existing lines in the project area. This task will include the development of plan sheets, including Plan & Profile, Detail, Traffic Control, and Erosion Sediment Control. Development of plans will require field surveys and utility locations – Banner intends on utilizing Sperlich Consulting for field surveys.

New Task B: Original Scope of Services contained: *"Plan development will be based on aerial mapping and contours as available from the City's GIS data. Detailed field surveys will not be conducted by the Engineer. If required, the City shall perform site surveys as requested by the Engineer in sufficient detail for design plan preparation, including supplemental GPS coordinates of critical points requested. The facilities and topography survey shall be tied to at least two City of Rapid City Monument Control system utilizing State Plane coordinates."*

The City has requested as a part of this amendment that Banner Associates, Inc. to include survey needed in its scope of service. Banner Associates, Inc. has coordinated with Sperlich Consulting, Inc. and will utilize their services for survey needs. The scope of Sperlich's services includes:

1. Locate the four corners of the Block bounded by W. St. Anne Street, W. Flormann, Argyle & Central Boulevard. From this information, property lines and corners can be obtained from available City Data. Locating all property corners within the block or extended breakdown and ties to platted areas outside of this block are not included in the scope of services. If extended survey services are needed, they would be as additional services.
2. As-Built of the water main from Jackson Boulevard and 5th Ave to West Flormann St & Argyle. With Topographic survey of alignment. This information will be required during the abandonment of the low pressure ductile iron main (see additional tasks below).
3. Tie to the survey 2 Rapid City Benchmarks.

New Task C: Design and coordination of the conversion of the 2800 block of W. Flormann Street & W. St. Anne Street from the Low Level pressure zone to the Canyon Lake Pressure Zone. This task will include identification of affected property owners, development of a list of affected owners for the City to prepare and notify about the change. This will require Banner to coordinate with City Water Department to pull

service cards and determine how many and which properties have already switched over to high pressure zone. Banner will assist the City in identifying homes to receive PRV notices.

The new tasks identified above will require additional services to provide the following efforts above those identified in the original scope of services:

PRELIMINARY DESIGN SERVICES - CONCEPTUAL DRAWINGS: – will be increased by approximately 15 sheets. Banner will provide 3 copies of conceptual drawings with the following additional sheets (on 22" x 34" sheets):

- Survey Control Sheet
- Plan & Profile sheets of abandonments and new interconnection piping, and at sites of potential new valving and hydrant installations
- Anticipated Traffic Control Sheets and Erosion Control Sheets
- Special Details (pipe abandonment, excavation, etc.)

FINAL DESIGN SERVICES:

- Detailed Traffic Control Design to include W. St. Anne Street, W. Flormann Street, Jackson Boulevard, Argyle & Central Boulevard.
- Detailed Erosion & Sediment Control Design to include W. St. Anne Street, W. Flormann Street, Jackson Boulevard, Argyle & Central Boulevard.
- Expanded Project Sequence and Phasing to include work in subdivision, water main abandonment.
- Complete Plans & Specifications to include all sheets identified in "Preliminary Design Services" above. Plans to be on 22" x 34" sheets in accordance with City Standards.

BIDDING SERVICES: Requested additional designs will be incorporated with original scope of services into single bidding package. With expanded work and coverage area, additional clarifications and addenda services are expected.

BASIC AND EXPANDED CONSTRUCTION SERVICES:

Original Scope of Services contained *"Provide up to four (4) partial day on-site observation visits to assure that the methods and materials used by the contractor meet the intent of the plans and specifications. Prepare a report for each site visit noting any deviations from the plans and specifications including a photographic record. Submit copies to Engineering Services on a weekly basis, or as required."* The City has requested that construction services be modified under this amendment to provide additional basic and expanded construction observation and construction services. During the demolition of the Meadowbrook facilities Banner will provide part time construction observation – limited to a few hours during the day for the demolition work. When the buildings have been removed and excavation to 2 feet at outer two building and 4 feet at main pumphouse & clearwell are completed, Banner will provide observation during backfill efforts. Observation shall also be provided during pipe & appurtenance installations and backfilling efforts. The City to provide compaction tests utilizing City staff and Nuclear Density gauge, which shall be coordinated by Banner to notify City staff when testing is required. As per City Specifications, Proctor tests of soils materials shall be the responsibility of the Contractor (bid item).

EXHIBIT "B" identifies additional costs for each subtask as described in the original for the requested additional services detailed above. EXHIBIT "C" is attached but unchanged from original agreement.

EXHIBIT B

Meadowbrook Gallery Demolition & Water Rights Transfer

Today: 7/22/2013
 Total Project Costs: \$23,882.00
 Total Labor Costs: \$19,320.50

<u>Task</u>	<u>Description</u>	<u>Task Cost</u>	<u>Subtotals</u>
Meadowbrook Gallery Demolition & Water Rights Transfer			
1	Preliminary Design Services	\$ -	\$ 1,876.50
1.1	Kick Off Conference	\$ -	
1.2	Review background information	\$ 300.50	
1.3	Contours and grading	\$ 421.00	
1.4	Kick-off - Meet with Project Stakeholders	\$ -	
1.5	Conceptual Design Submittal	\$ 1,155.00	
2	Final Design Services		\$ 11,380.00
2.1	Address City comments from Task 1 Services	\$ 565.00	
2.2	Determine Removal Limits	\$ 600.00	
2.3	Incorporate design features	\$ 243.00	
2.4	Storm Water Plan	\$ 624.00	
2.5	Traffic Control Plan	\$ 773.00	
2.6	Phasing Schedule	\$ 657.00	
2.7	Private Utilities Meeting	\$ 579.00	
2.8	Private Utilities Notice	\$ 81.00	
2.9	Exceptions Request, as required	\$ 81.00	
2.10	Detailed Specifications, as required	\$ 243.00	
2.11	Criteria Manual exception, as required	\$ -	
2.12	Unit Price Contract Items, P&S	\$ 716.00	
2.13	Meet RC guidelines for Plans documents	\$ 40.50	
2.14	Project Design Report	\$ 415.50	
2.15	Final Design Services Submittal	\$ 415.50	
2.16	Address 100% staff comments	\$ 451.50	
2.17	Certification Statement of Conformance	\$ -	
2.18	Prepare Permits, as required	\$ 81.00	
2.19	Identify Contractor Permits	\$ 81.00	
2.20	Prepare Engineer's Est. of Prob. Const. Cost	\$ 162.00	
2.21	Deliver the following:		
	- Prepare and submit documents for change to the water rights permit	\$ -	
	- Prepare prelim plans and cost estimate	\$ 898.00	
	- Review of preliminary plans with City Staff	\$ 301.00	
	- Prepare final plans and cost estimate	\$ 2,932.00	
	- Review of final plans with City Staff	\$ 440.00	
2.22	Address any SD DENR review comments	\$ -	
3	Bidding Services		\$ 173.00
3.2	Print Quality proof for Plans Production	\$ -	
3.4	Prepare and Issue Addenda	\$ 173.00	
4	Basic Construction Services (Limited)		\$ 1,327.50
4.1	Conduct Preconstruction conference	\$ 220.00	
4.2	Written Clarification for Questions	\$ 162.00	
4.4	Review Submittals, test results	\$ 243.00	
4.5	Prepare 'As-Built' plans and specs.	\$ 702.50	
5	Expanded Construction Services (Limited)		\$ 4,563.50
5.1	On-site observation visits	\$ 3,812.00	
5.2	Punchlist completion items	\$ 462.00	
5.3	Project completion certification	\$ 220.00	
5.4	SDDENR notice of completion	\$ 69.50	

Total Labor Costs: \$ 19,320.50
 Surveying Subconsultant: \$ 4,200.00
 Reimbursibles & Expenses: \$ 361.50

TOTAL: \$ 23,882.00

EXHIBIT "C"

2013 SCHEDULE OF LABOR RATES AND EXPENSES

Meadowbrook Gallery Demolition & Water Rights Transfer Project **Amendment No. 1**

<u>EMPLOYEE CLASSIFICATION</u>	<u>ID</u>	<u>Rate/Hr</u>
Sr. Project/Project Managers	1637	\$168.00/Hour
	2057	\$139.00/Hour
	2087	\$124.00/Hour
Project Engineer/ Staff Engineer	2108	\$ 81.00/Hour
Sr. CADD Technician/ CADD Technician	1701	\$ 79.00/Hour
	2025	\$ 63.00/Hour
	2028	\$ 61.00/Hour
	2132	\$ 46.00/Hour
Surveying/Geomatics	2101	\$ 88.00/Hour
	2105	\$ 64.00/Hour
Administration	2085	\$ 41.00/Hour

- 1.* Transportation at \$0.50 per mile in addition to the above hourly rates.
- 2.* Meals at State Rates.
- 3.* Lodging at actual cost.

* Basis is from Banner's Rapid City office for required travel

4. Reproduction:

Photocopy.....	\$0.05/Copy
Color Copies.....	0.30/Copy
Black & White Laser Prints.....	0.10/Sheet
Vellabond & Plain Paper Plots.....	0.35/Sq.Ft.
Mylar Film Copies and Plots.....	0.80/Sq.Ft.
5. Subcontracts..... Actual Cost
6. All other direct project expenses at actual cost of materials.

We reserve the right to adjust the rates.