

**AMENDMENT NO. 1**  
**TO**  
**CONTRACT FOR PROFESSIONAL ENGINEERING SERVICES**  
**W.O. 15-21**  
**LOGAN RESERVOIR / PUMP STATION**

THIS AGREEMENT, made and entered into on \_\_\_\_\_, 2017, by and between the following:

CITY OF BILLINGS, a Municipal Corporation,  
Billings, Montana 59103,  
Hereinafter designated the City

and

HDR Engineering, Inc.  
970 South 29<sup>TH</sup> Street West  
Billings, Montana 59102  
Hereinafter designated the Contractor

WITNESSETH:

WHEREAS, the City and Contractor have entered into a contract dated January 26, 2015, for Contractor to provide engineering services to the City for Work Order 15-21 – Logan Reservoir / Pump Station, and;

WHEREAS, the City has need for additional engineering services, and;

WHEREAS, the City has authority to contract for consulting engineering services, and;

WHEREAS, the Contractor represents that he is qualified to perform such services, is in compliance with Montana Statutes relating to the registration of professional engineers and is willing to furnish such services to the City;

NOW, THEREFORE, in consideration of the terms, conditions, covenants and performance contained herein, or attached and incorporated herein, the Parties hereto agree as follows:

Part I, Section 4. is amended as follows:

Increase the amount of compensation by Forty Five Thousand Four Hundred and no/100 DOLLARS (\$45,400.00) to One Hundred Twenty Thousand Two Hundred and no/100 DOLLARS (\$120,200.00).

Appendix A, Section 3. Change the following to the Scope of Work:

For the Zone 5 Reservoir Site Evaluation, change the number of sites evaluated from 5 to 9.

For Task 102, change the number of meetings from three (3) to six (6).

Appendix A, Section 3. Add the following to the Scope of Work:

- Redundant Waterline to Top of Rims
  - Evaluate options for running a redundant waterline to the top of the Rims to Zone 5 or Zone 6.
  - Evaluation for each site to include:
    - Waterline requirements
    - Construction methodology
    - Pump requirements
    - Land/easement requirements
    - Preliminary cost estimate
- Evaluate a second Zone 4 Reservoir adjacent to Waldo Pump Station to help meet Zone 5 and Zone 6 storage needs.
  - Evaluate the potential size of a Zone 4 reservoir that could be constructed adjacent to the existing Waldo Pump Station that would match existing Zone 4 overflow elevations.
    - Complete topographic survey of the site adjacent to Waldo Pump Station
    - Provide geotechnical evaluation to determine potential depth of the reservoir
    - Evaluate round and rectangular reservoirs.
  - Evaluate adding Zone 5 and Zone 6 pumps with the new reservoir.
    - Evaluate pumps to be designated as fire pumps
    - Determine building requirements for pumps
    - Determine power needs and availability.
    - Evaluate backup power.
- Evaluate redundancy to top of Rims by a combination of a waterline from the Staples site, new Zone 4 Reservoir and pumps associated with new reservoir.

### **209A – Redundant Waterline to Top of Rims Evaluation**

Evaluate providing a second waterline to the top of the Rims to connect into Zone 5 or Zone 6. Determine waterline and pumping requirements where applicable.

- Deliverable – Section on redundant waterline evaluation to be included in Feasibility Study.

### **209B – Second Zone 4 Reservoir at Waldo Site Evaluation**

Evaluate providing a second reservoir at the Waldo site to help meet Zone 5 and Zone 6 storage needs.

- Deliverable – Section on second Zone 4 Reservoir at Waldo site to be included in Feasibility Study.

### **209C – Redundancy to Top of Rims via Second Zone 4 Reservoir**

Evaluate a second waterline from the Staples site in combination with a second reservoir at the Waldo site to provide redundancy of the water system to the top of the Rims.

- Deliverable – Section on redundancy via second Zone 4 Reservoir to be included in Feasibility Study.

All other terms and conditions of the contract to which this amendment applies shall remain in full effect.

**CITY OF BILLINGS**

**CONSULTANT**

\_\_\_\_\_  
THOMAS W. HANEL, Mayor

NAME: \_\_\_\_\_ HDR Engineering, Inc. \_\_\_\_\_

DATE: \_\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

ATTEST:

DATE: \_\_\_\_\_

\_\_\_\_\_  
City Clerk

DATE: \_\_\_\_\_

APPROVED AS TO FORM:

BY: \_\_\_\_\_  
BRENT BROOKS, City Attorney