AMENDMENT NO. 2 TO AGREEMENT

Project: Rapid City Water Reclamation Facility Digester MCC and UV/Admin. Transfer Switch Replacement, Project Number: 19 – 2485 / CIP 51216

Background Data: Effective Date of Agreement: January 21, 2019
Owner: City of Rapid City
Engineer: HDR Engineering, Inc.

Nature of Amendment: The Water Reclamation Facility (WRF) needs to replace the existing Digester Facility MCC as it has exceeded its' design life and its' condition has deteriorated. The UV/Admin. electrical transfer switch was recently determined to be deficient and in need of replacement too. The City has requested the Engineer perform Construction Material Testing services as part of the project. Additionally the project has been delayed and additional construction phase services are required. These services are proposed as part of this amendment. Refer to Exhibits A and B attached for more detail.

Current Contract Amount: $84,400.00
Change Requested: $13,709.00
New Contract Amount: $98,109.00

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 pervious Amendments remain in effect. The effective date of this Amendment is: December 20, 2019.

CITY OF RAPID CITY
By: __________________________
   Steve Allender, Mayor
Date Signed: ________________

ENGINEER:
By: __________________________
   (print name)
Date Signed: 1-23-2020

ATTEST:

By: __________________________
   Pauline Sumption, Finance Officer
Date Signed: ________________

REVIEWED BY:

Stacey Titus, P.E., Operations Project Manager

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AMENDMENT NO. 2

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AMENDMENT #2
EXHIBIT A
SCOPE OF ENGINEERING SERVICES
WATER RECLAMATION FACILITY
DISTUR MCC & UV/ADMIN TRANSFER SWITCH REPLACEMENT
PROJECT NO. 19-2485/CIP NO. 51216

PROJECT DESCRIPTION
HDR was selected by the City to provide engineering services for the design and construction of the Digester MCC & UV/Admin Transfer Switch Replacement project. The UV/Admin Building main service switchgear is operationally deficient and replacement of the equipment is required. Similarly the Digester Facility Motor Control Center (MCC) has reached the end of its useful life and was recommended for replacement in the recently completed Facility Plan. These improvements include:

- Replacement of the Digester Complex MCC-4. The new MCC will be relocated to the adjacent oil storage building. A portion of the existing building will be walled off and HVAC equipment will be provided for heating, cooling, and air purification.
- Replacement of the UV/Admin Building Main Service Switchgear. The switchgear has limited reliability due to age and condition of the equipment. Replacement of the switchgear is necessary to provide a reliable source of power during utility outages and after utility power is restored.

SCOPE OF SERVICES
Additional improvements to be included in the construction phase services which are being added by Amendment #2 include:

- Addition of construction material testing. American Engineering Testing (AET) will complete these services as a subconsultant to HDR.
- Additional construction phase services were requested by the City due to the project’s extended completion date. The completion date was specified as December 20, 2019. Due to delays, the actual completion date is anticipated to be April 1, 2020, a delay of over three months.

The additional improvements listed above will be incorporated into the existing scope of engineering services and completed during the construction phase of the project.

Assumptions:

- All daily on site construction phase services will be conducted by local HDR staff. The local HDR staff will coordinate with outside offices as needed to ensure compliance with the project requirements.
## EXHIBIT B - AMENDMENT #2

**CITY OF RAPID CITY - WATER RECLAMATION FACILITY**

**DIGESTER MCC & UV/ADMIN TRANSFER SWITCH REPLACEMENT**

**FINAL DESIGN, BIDDING AND CONSTRUCT PHASE ENGINEERING FEE ESTIMATE**

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Labor</th>
<th>Expenses</th>
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<tbody>
<tr>
<td>Task 3 - Basic Construction Services</td>
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<tr>
<td>3.1 Project Management and Administration</td>
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<td>Task 3</td>
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<tr>
<td>Task 4 - Expanded Construction Services</td>
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<td>4.2 On-Site Observation</td>
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<td>4.3 Administer Payment Applications (3 Additional)</td>
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<tr>
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</tbody>
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- **Labor** $10,775
- **Expenses** $149
- **Subconsultants** $2,785
- **Total** $13,709