

May 8, 2020

Mr. Levi Jensen, PE
City of Gillette Utilities Department
611 Exchange Ave
Gillette, WY 82716

RE: Proposal for Bidding & Construction Engineering Services for the Z2-R1 Vent and Z1-R4 Z1-R5 Overflow Structures Replacement Project

Mr. Jensen:

As we discussed in our meeting in April, the following scope of services is being requested by the City of Gillette:

The City of Gillette is asking Morrison Maierle to handle all bid and construction management tasks associated with the EPA Sanitary Survey Tank Rehabilitation Project. Prior, portions of these tasks were going to be handled by the City of Gillette staff. With the project bid out to two contractors, the attached effort summary detail has been updated to inspect the three schedules.

- a. Z2-R1 Storage Tank – Carr Coatings out of Belle Fouché will be installing the vent. Submittal review of the vent as well as structural inspections of the repairs will be done. Coating inspections will be done. Carr Coatings expects to do this over 3 days plus disinfect after the vent is installed. Spot checking of work was included as he finishes the welding, installation of vent, and each coat.
- b. Z1-R4 Storage Tank – Wyoming Earthmoving Corporation will pothole the existing pipe that will need to be done prior to ordering of the inlet structure. Survey is required to stake the two locations. This site also includes a concrete contractor for a trickle channel. Survey and RPR services were added to be present on all underground and concrete activities. Construction testing from American Engineering and Testing was added to handle a proctor, density testing, and concrete cylinders.
- c. Z1-R5 Storage Tank – Wyoming Earthmoving Corporation will install a new discharge structure. Construction staking of grading bounds was included. Spot checking of grading, installation of geofabric, rip rap, and the outlet structure will be done. Geotechnical testing was included to provide a proctor and density tests.

The cost for providing bidding and construction administration services is **\$23,661.60**.

A full breakout of our fees are included as attached. An amendment form has been added.

We create solutions that build better communities

Please do not hesitate to contact us directly at zgreen@m-m.net or (307) 687-1812 if you have any questions related to our proposal. We are excited about this project and look forward to working with your team.

Best Regards:

Morrison-Maierle, Inc.



Zane Green, PE

Gillette Madison Pipeline Regional Connection Z2-R1 Vent and Z1-R4 Z1-R5 Overflow Structures Replacement Project

MORRISON - MAIERLE, INC.
SUMMARY OF PROPOSED COSTS
May 8, 2020

FEE ESTIMATE FOR ENGINEERING SERVICES

| MAJOR WORK ITEM | PROJECT MANAGER | ASSISTANT ENGINEER | STRUCTURAL ENGINEER | ELECTRICAL ENGINEER | SURVEYOR | PROJECT QA/QC REVIEW | DESIGN TECHNICIAN | TOTAL HOURS | TOTAL LABOR |
|---|--------------------|-----------------------|------------------------|------------------------|----------|-------------------------|----------------------|----------------|----------------|
| Task 1 - Project Coordination/Management | | | | | | | | | |
| Resource Mgmt, Pay Apps, Etc.. | 4 | - | - | - | - | 4 | - | 8 | \$ 1,280.00 |
| | 4 | - | - | - | - | 4 | - | 8 | \$ 1,280.00 |
| Task 2 - Bidding | | | | | | | | | |
| PreBid Meeting | 2 | 3 | - | - | - | - | - | 5 | \$ 670.00 |
| Bid Opening | 1 | - | - | - | - | - | - | 1 | \$ 160.00 |
| Addendums, Phone Questions, Evaluate Bids, Bid Tab, Letter of Recommendation | 1 | 4 | - | - | - | - | - | 5 | \$ 720.00 |
| | 4 | 7 | - | - | - | - | - | 11 | \$ 1,550.00 |
| Task 3 - Construction Inspection (Schedule A, Z2-R1) | | | | | | | | | |
| Submittal Review | 2 | - | - | - | - | - | - | 2 | \$ 320.00 |
| Construction Staking | - | - | - | - | - | - | - | - | \$ - |
| RPR Inspection | 2 | 8 | - | - | - | - | - | 10 | \$ 1,440.00 |
| Progress Meetings | 2 | 2 | - | - | - | - | - | 4 | \$ 600.00 |
| Pay Applications, Change Orders, Etc... | 2 | 4 | - | - | - | - | - | 6 | \$ 880.00 |
| Record Drawings | 1 | 2 | - | - | - | - | 4 | 7 | \$ 884.00 |
| | 9 | 16 | - | - | - | - | 4 | 29 | \$ 4,124.00 |
| Task 4 - Construction Inspection (Schedule B, Z1-R4) | | | | | | | | | |
| Submittal Review | - | 2 | - | - | - | - | - | 2 | \$ 280.00 |
| Construction Staking | - | - | - | - | 4 | - | - | 4 | \$ 576.00 |
| RPR Inspection | 4 | 24 | - | - | - | - | - | 28 | \$ 4,000.00 |
| Progress Meetings | 2 | 2 | - | - | - | - | - | 4 | \$ 600.00 |
| Pay Applications, Change Orders, Etc... | 2 | 4 | - | - | - | - | - | 6 | \$ 880.00 |
| Record Drawings | 1 | 2 | - | - | - | - | 4 | 7 | \$ 884.00 |
| | 9 | 34 | - | - | 4 | - | 4 | 51 | \$ 7,220.00 |
| Task 5 - Construction Inspection (Schedule C, Z1-R5) | | | | | | | | | |
| Submittal Review | - | 2 | - | - | - | - | - | 2 | \$ 280.00 |
| Construction Staking | - | - | - | - | 4 | - | - | 4 | \$ 576.00 |
| RPR Inspection | 4 | 16 | - | - | - | - | - | 20 | \$ 2,880.00 |
| Progress Meetings | 2 | 2 | - | - | - | - | - | 4 | \$ 600.00 |
| Pay Applications, Change Orders, Etc... | 2 | 4 | - | - | - | - | - | 6 | \$ 880.00 |
| Record Drawings | 1 | 2 | - | - | - | - | 4 | 7 | \$ 884.00 |
| | 9 | 26 | - | - | 4 | - | 4 | 43 | \$ 6,100.00 |

| SUMMARY OF ESTIMATED LABOR COSTS | HOURS | RATE | TOTAL LABOR |
|----------------------------------|------------|-----------|--------------------|
| Project Manager | 35 | \$ 160.00 | \$ 5,600.00 |
| Assistant Engineer | 83 | \$ 140.00 | \$ 11,550.00 |
| Structural Engineer | 0 | \$ 146.00 | \$ - |
| Electrical Engineer | 0 | \$ 155.00 | \$ - |
| Surveyor | 8 | \$ 144.00 | \$ 1,152.00 |
| Project QA/QC Review | 4 | \$ 160.00 | \$ 640.00 |
| Design Technician | 12 | \$ 111.00 | \$ 1,332.00 |
| TOTAL LABOR | 142 | | \$20,274.00 |

| DIRECT EXPENSE DESCRIPTION | UNITS | NUMBER UNITS | UNIT COST | TOTAL COST |
|----------------------------|-------|-----------------|--------------|---------------|
| Code Review | LS | - | \$ - | \$ - |
| Geotechnical | LS | 1.1 | \$ 2,200.00 | \$ 2,420.00 |
| Postage/Freight | each | 1 | \$ 50.00 | \$ 50.00 |
| Reproduction/Printing | each | 500 | \$ 0.10 | \$ 50.00 |
| Airfare | each | - | \$ - | \$ - |
| Vehicle | each | 1200 | \$ 0.723 | \$ 867.60 |
| Lodging | each | - | \$ 135.00 | \$ - |
| Per Diem | each | - | \$ 40.00 | \$ - |

TOTAL DIRECT EXPENSES **\$ 3,387.60**

Notes:

1. **TOTAL \$ 23,661.60**

This is **EXHIBIT K**, consisting of 2 pages, referred to in and part of the **Agreement between Owner and Engineer for Professional Services** dated October 15, 2019.

AMENDMENT NO. 1 TO OWNER-ENGINEER AGREEMENT

PROJECT NO. 20UT03

1. Background Data:

- a. Effective date of OWNER-ENGINEER Agreement: October 14, 2019
- b. OWNER: City of Gillette
- c. ENGINEER: Morrison-Maierle, Inc.
- d. Project: EPA Sanitary Survey Repairs Project

2. Nature of Amendment: [*Check those that are applicable.*]

- ☐ Additional Services to be performed by ENGINEER
- ☐ Modifications to Services of ENGINEER
- ☐ Modifications to Responsibilities of OWNER
- ☒ Modifications to Payment to ENGINEER
- ☐ Modifications to Time(s) for rendering Services
- ☐ Modifications to other terms and conditions of the Agreement

3. Description of Modifications

- ☒ Attachment 1, "Modifications"
- ☐ Other attachments as listed below:

OWNER and ENGINEER hereby agree to modify the above-referenced Agreement as set forth in this agreement. All provisions of the Agreement not modified by this or previous Amendments remain in effect. The Effective Date of this Amendment is May 8, 2020.

OWNER:

City of Gillette

By: _____

Title: _____

Date Signed: _____

ENGINEER:

Morrison-Maierle, Inc.

By: _____

Title: _____

Date Signed: _____

ATTACHMENT 1

This is **Attachment 1**, consisting of 1 Page(s), to Amendment No.1, Dated 5/8/2020.

Modifications

[Check the following paragraphs that are appropriate. Refer to paragraph numbers used in the Agreement or a previous amendment for clarity with respect to the modifications to be made. Use paragraph numbers in this document for ease of reference herein and future correspondence or amendments.]

- ☐ A1. ENGINEER shall perform the following Additional Services:
- ☐ A2. The Scope of Services currently authorized to be performed by ENGINEER in accordance with the Agreement and previous amendments, if any, is modified as follows:
- ☐ A3. The responsibilities of OWNER are modified as follows:
- ☒ A4. For the Additional Services or the modifications to services set forth above, OWNER shall pay ENGINEER the following additional or modified compensation:
- Total payment agreed to in the contract shall be **INCREASE** by \$23,661.60 for construction administration services.
- ☐ A5. The schedule for rendering services is modified as follows:
- ☐ A6. Other portions of the Agreement (including previous amendments, if any) are modified as follows: