

RESOLUTION NO. R15-13

A RESOLUTION APPROVING AMENDMENT NO. 3 TO THE PREVIOUSLY ADOPTED TASK ORDER NO. 26, AUTHORIZING GREAT WEST ENGINEERING TO PROVIDE ADDITIONAL SERVICES RELATING TO THE NEW WATER TREATMENT PLANT INTAKE FOR THE CITY OF LAUREL.

WHEREAS, the City of Laurel previously executed an Agreement for Professional Services with Great West Engineering, Inc. on June 5, 2007, via Resolution No. R07-36, as amended on December 16, 2014 via Resolution No. R14-88; and

WHEREAS, the City of Laurel previously approved Task Order No. 26 via Resolution No. R14-46 that enabled Great West Engineering, Inc. to assist the City with a new intake at the City's Water Treatment Plant; and

WHEREAS, City Staff have learned that the Project will require additional services that were not included in the previously approved Task Order No. 26 and subsequent amendments; and

WHEREAS, the additional services to be provided by Great West Engineering are described on the attached Amendment No. 3 to Task Order No. 26, for an additional cost of \$260,000; and

WHEREAS, the total compensation for the project, with the additional services approved herein, is \$654,000.00 as more particularly described on the attached Amendment No. 3 to Task Order No. 26.

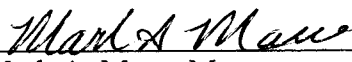
NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Laurel, Montana, Amendment No. 3 to Task Order No. 26 is hereby approved and the Mayor is hereby authorized to execute the attached Amendment No. 3 to Task Order No. 26 dated March 4, 2015 on the City's behalf.

Introduced at a regular meeting of the City Council on March 17, 2015, by Council Member
Stokes.

PASSED and APPROVED by the City Council of the City of Laurel this 17th day of March, 2015.

APPROVED by the Mayor this 17th day of March, 2015.

CITY OF LAUREL



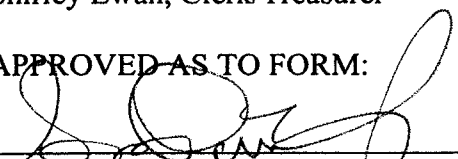
Mark A. Mace, Mayor

ATTEST:



Shirley Ewan, Clerk/Treasurer

APPROVED AS TO FORM:



Sam S. Painter, Civil City Attorney

March 4, 2015

City of Laurel
P.O. Box 10
Laurel, MT 59011

**Re: Amendment No. 3 to Task Order No. 26
New Water Treatment Plant (WTP) Intake
Laurel Engineering Services On-Call
Great West Engineering, Inc. Project No. 2-07128**

Dear Mayor Mace:

This letter constitutes *Amendment No. 3 to Task Order No. 26* to our *Agreement for Professional Services* dated June 5, 2007 for the above-referenced Project.

The goal of this project is to restore the City of Laurel's municipal raw water supply that was damaged during the flooding on the Yellowstone River in 2011. At this time, FEMA has released Version 1 of Project Worksheet (PW) 1679, which includes funds to complete engineering design for the project. This amendment will include engineering up to the 60% design level. The 60% design will be submitted to the City and FEMA for review and discussion to assure a clear understanding of the eligible project scope of work items. Taking the design from 60% to final will be included in a subsequent amendment.

Services provided by Great West Engineering outside of the original scope of work that are reflected in this amendment include:

- Services as outlined in the Final Design Phase described in Paragraph A.1.03 of *Exhibit "A"* of the *Agreement for Professional Services* as specifically described below:

60% Design

- Consultant will prepare 60% design construction drawings and contract documents for this project. The project consists of installing a new passive source water intake approximately 3 miles upstream of the WTP, constructing a new control building for air-backwashing the new intake, new control sequences and monitoring of the intake, and a transmission pipeline to connect the intake to the WTP.



- Prepare construction cost estimate for the new intake, transmission pipeline, control building, and appurtenant features.
- Complete a geotechnical evaluation of the proposed control building location to determine a foundation for the structure. Work will include one boring to approximately 15 feet and a report summarizing findings and foundation recommendations.
- Hydraulic Analysis – A hydraulic analysis of the new intake site will be performed. This is in addition to the hydraulic analysis which will be performed as a part of Amendment No. 1 related to the CLOMR application. The location of the new intake and its design require the hydraulic analysis. The analysis will include updated hydraulic information, such as water surface elevations of existing and proposed conditions, velocities within the channel, and bank shear stress.
- Subconsultant will provide Engineering services to supply power to the control building, general lighting and electrical in the building, water measurement controls; hot water heater, backwash air compressor, and generator electrical and controls; and integrating new building and controls into existing SCADA.
- Subconsultant will provide assistance in structural loading on the new intake and provide a peer level review of the structural design.
- Subconsultant will provide Engineering services to complete the mechanical design of the heating and ventilation system in the control building.
- Coordination with permitting agencies identified in Amendment No. 1 for project permits.

Project Management

- Consultant will participate in bi-weekly telephone conferences with project stakeholders and record meeting minutes for distribution.
- Consultant will continue to coordinate with the Federal Emergency Management Agency (FEMA) as necessary to assist the City in managing project funding. This will include coordination and documentation necessary to develop the scope of work so that the PW may be amended accordingly to include funding needed for the construction of the project.



- Services as outlined in Additional Services described in Paragraph A2.01 of Exhibit "A" of the Agreement for Professional Services as specifically described below:

FEMA Grant Coordination

- Consultant will track expenditures for this project including invoices and claims processed by the City. Consultant will prepare FEMA funding requests on a monthly basis and submit to the City for review and submittal to FEMA. It is anticipated that this will occur through December of 2016.

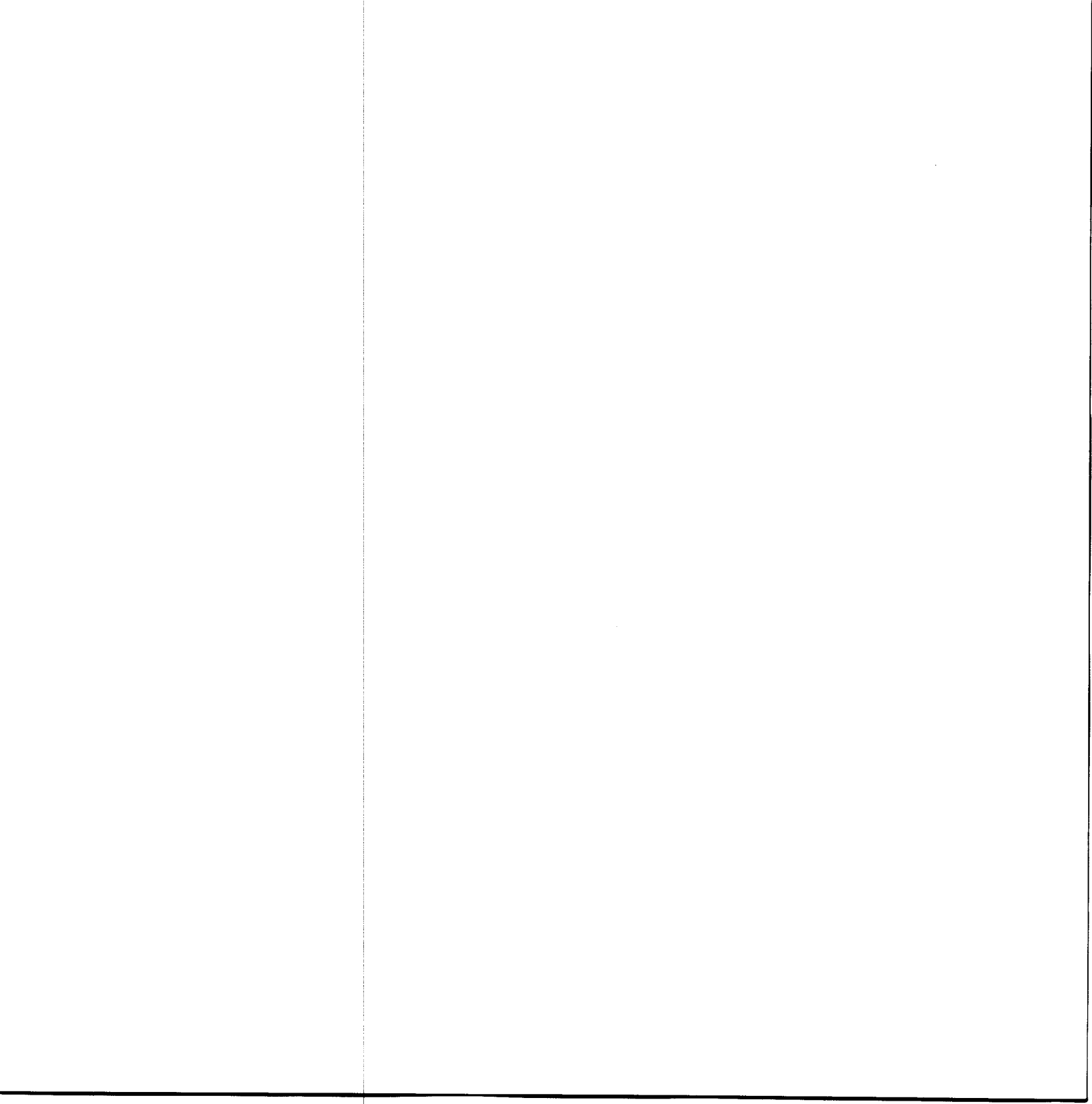
These Services are being requested in response to directives to the City from FEMA, so accordingly, the Services will be provided in accordance with the guidelines in the *Public Assistance Guide (FEMA 322/June 2007)* published by FEMA.

The compensation for these services included in the amendment is estimated to be \$260,000. The total compensation for Services, as described in the original Task Order and Amendments 1 and 2, has been revised and is estimated to be \$654,000, based on the following assumed distribution of compensation:

a. Study and Report Phase	\$ <u>190,000</u>
b. Preliminary Design Phase	\$ <u>174,000</u>
c. Final Design Phase	\$ <u>240,000</u>
d. Bidding Phase	\$ <u>0</u>
e. Construction Phase	\$ <u>0</u>
f. Post-Construction Phase	\$ <u>0</u>
g. Additional Tasks: Easement Acquisition	\$ <u>30,000</u>
h. Additional Tasks: FEMA Grant Coordination	\$ <u>20,000</u>

Engineer may alter the distribution of compensation between individual phases of the work noted herein to be consistent with services actually rendered, but shall not exceed the total estimated compensation amount unless approved in writing by Owner. The total estimated compensation for Engineer's services included in the breakdown by phases incorporates all labor, overhead, profit, Reimbursable Expenses and Engineer's Consultant's charges.

Please have an authorized representative sign both originals of this letter and return one executed original to Great West Engineering at the following address:





Great West Engineering, Inc.
115 N Broadway, Suite 500
Billings, MT 59101

Acknowledgement. This *Amendment No. 3 to Task Order No. 26* is agreed to by the parties and is effective as of the date of this letter.

City of Laurel (Owner)

Great West Engineering (Engineer)

By: Mark A Mace

By: Daniel M. McCauley

Title: Mark Mace, Mayor

Title: Daniel M. McCauley, President

Date: 03/17/2015

Date: MARCH 4, 2015