

## **AMENDMENT NO. 2**

This Amendment No. 2 modifies the Authorization for Engineering Services (Authorization) executed on August 27, 2019, for a project known as the Ag Park Water & Sewer Extension Project under the On-Call Agreement between Gibbs & Olson, Inc., Longview, Washington (Engineer) and the City of Tenino, Washington (Client).

The following modifications are made to the Authorization. All other terms and conditions of the original Authorization and the underlying On-Call Agreement remain unchanged.

### **SCOPE OF WORK**

The Engineer's Scope of Work for this project is modified as identified below. This Amendment incorporates the following additional design engineering services for the project to include water and sewer lines on the Ag Park site. The watermain will be an 8-inch diameter PVC main with valves and hydrants that will connect to the end of the planned 8-inch watermain located along Old Hwy. 99 and then extend along the east and west boundaries of the site. The exact location is to be determined as part of this design contract. The sewer line will be an extension of a 2-inch PVC pressure line that is planned to be extended to the NE corner of the site, along a route interior of the project site as determined as part of this design contract. The Engineer will subcontract with SCJ Alliance who will perform the following tasks per the Client's request:

#### **Task 1- Project Management & Administration**

The work associated with this task involves project management and administration as required to complete the identified scope of work below.

- The Engineer will establish and maintain communication within the design team, the Owner, and other involved agencies and stakeholders. The Engineer will monitor and report on the status of scope, schedule, and budget throughout the duration of the project.
  - The Engineer will manage project activities, budget and schedule; and assure that contractual obligations of this Agreement are met and, if necessary, that appropriate supplements are made.
1. Prepare and submit to Client monthly invoices along with progress reports.
  2. Provide in-house coordination meetings.
  3. Throughout the course of the project provide QA/QC reviews
  4. Communicate with Client, during the project, via phone conferences and e-mails.
  5. The Engineer's project manager and project engineer, in addition to attending specific meetings as described in other tasks, shall attend the following meetings:
    - One progress meeting with Client to review 90% plans and construction cost estimate.

#### **Task Deliverables**

- Meeting minutes (electronically)
- Invoices/Progress reports

## **Task 2 - Preliminary Site Analysis**

The purpose of this phase is to determine potential project constraints and prepare a preliminary design for review and comment prior to permitting and preparation of construction drawings.

This phase will include the following tasks:

1. Obtain and review pertinent sewer and watermain construction plans, topographic mapping etc., for existing sewer and water utilities along Old Hwy. 99.
2. Prepare base map of existing project site with contours based on available information.
3. Evaluate previously prepared preliminary site concept plans.
4. Prepare preliminary grading plan for site.
5. Evaluate alternatives for location of proposed water main, fire hydrants and sewer lines.
6. Perform site walk-through to photograph existing conditions.
7. Prepare a conceptual site plan for review and comment showing proposed sewer and watermain location for project site.
8. Submit conceptual site plan to client and review with client over phone or e-mail.
9. Modify conceptual plan to incorporate changes based on client's review.
10. Prepare addendum to Owner's Water System Project Report previously prepared and approved by DOH.
11. Prepare preliminary engineer's construction cost estimate for water main and sewer line extensions based on unit prices bid by general contractor.
12. Submit preliminary Plans, estimate and Project Report addendum for review to Client and State Department of Health for review and approval.

### **Task Assumptions:**

- If easements are found to be required, work necessary to prepare such easements will be out of scope and additional services that will require an amendment.
- Geotechnical exploration and analyses are not included. If it is determined during the course of design work that any geotechnical exploration and analyses are needed or recommended, they will be considered out of scope and additional services that will require an amendment.

### **Task Deliverables:**

- One full-size and one half-size set of preliminary site plan and grading plan.
- Addendum to Water System Project Report approved by Washington Department of Health.
- Opinion of probable construction cost.

## **Task 3 - Preparation of Construction Plans, Specifications and Opinion of Probable Construction Cost**

The Engineer will prepare construction plans, specifications and an opinion of probable construction cost for the water main and sewer main extensions. Plan sheets are anticipated to consist of the following:

- Site Clearing, Grubbing, and TESC Plan/Details
- Watermain Plan & Profile Sheet
- Sewer Plan & Profile Sheet

**Task Assumptions:**

- The above does not include services related to additional requirements of reviewing agencies such as additional reports, studies or re-working plans, exhibits and on-going work related to resubmittals. A scope for these additional services will be provided, if required.
- No easements are required.
- Special specifications or engineer’s estimate will not be provided.
- Client will provide services for any required permitting.
- Restoration will include hydroseeding and mulching, notes to be shown on sewer and water plans.

**Deliverables:**

- One full-size and one half-size hardcopy of final plans.
- One PDF copy of final plans.
- Construction plans in AutoCAD.

**SCHEDULE:**

The design will be completed within 30 days of Engineer’s receipt of an executed copy of this Amendment No. 2 from the Client.


**BUDGET**

The budget for the additional scope of work presented above is \$23,300.

Original Agreement Amount .....	\$ 42,600.00
Amendment No. 1.....	\$ 69,100.00
<u>Amendment No. 2.....</u>	<u>\$ 23,300.00</u>
Total Agreement Amount with .....	\$135,000.00

**GIBBS & OLSON, INC.**

**CITY OF TENINO, WASHINGTON**

By:   
 Richard A. Gushman, President

By: \_\_\_\_\_  
 Wayne Fournier, Mayor

Date: May 20, 2020

Date: \_\_\_\_\_