

## **APPENDIX A – SCOPE OF SERVICES**

GARVER agrees to perform engineering services in connection with the City of Lawton Wastewater Treatment Plant (WWTP) Phase I Improvements as hereinafter stated, in accordance with the stipulations in this agreement. Generally, the scope of services of this Amendment includes additional design and construction phase services. These additional design and construction phase services are due to unforeseen conditions that warranted the addition of blower facility rehabilitation to the Phase I Improvements project (previously planned as part of the Phase II Improvements). The additional improvements generally include the following as part of a rehabilitation of the existing blower facility:

1. Replacement of existing blowers with new units
2. Associated process mechanical improvements required to integrate the new blowers
3. New electrical improvements associated with the new blowers

### **1. TASK 5 - FINAL DESIGN**

Conceptual Design of the blower replacement has previously been completed as part of the original Contract's Preliminary Design Task 4. During the final design phase of the project, GARVER will conduct additional final designs to prepare construction plans and specifications for the new blower replacement as part of a planned change order as part of the current ongoing construction contract, including final construction details, final quantities, special provisions, and Opinion of Probable Construction Cost (OPCC). The final design phase is anticipated to have three major submittals: a 60%, 90%, and 100%, and an appropriate design progression allowance, bidding contingency, and escalation to midpoint of construction will be included in the OPCC and based upon the level of design.

#### **1.1. Drawings and Specifications**

Based upon the results of the approved preliminary design by the Owner, GARVER will develop the detailed plans and specifications of the blower replacement as a part of the Final Design for a single construction change order. GARVER will not be required to develop front-end documents and/or general or supplementary conditions due to this work being conducted by an existing contractor through a negotiated change order. Multiple design scenarios or bid packages are not included as part of the level of effort provided with this agreement.

#### **1.2. Contract Documents**

The Contract Documents for the blower replacement will consist of drawings and specifications that set forth requirements for construction of the improvements, but shall not include proposal forms, notice to bidders, bid forms, bond forms, and other information as required by the Owner to competitively bid the work. Standard forms required by the Clean Water State Revolving Fund (SRF) source will be included as necessary.

### **2. TASK 7 - CONSTRUCTION ADMINISTRATION SERVICES**

During the construction phase of work, GARVER will accomplish the following as part of this Amendment:

1. Evaluate and respond to construction material submittals and shop drawings related to the new screening structure. Corrections or comments made by GARVER on the shop drawings during this review will not relieve Contractor from compliance with requirements of the drawings and specifications. The check will only be for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents. The Contractor will be responsible for confirming and correlating all quantities and dimensions, selecting fabrication processes and techniques of construction, coordinating his work with that of all other trades, and performing his work in a safe and satisfactory manner.

GARVER's review shall not constitute approval of safety precautions or constitute approval of construction means, methods, techniques, sequences, procedures, or assembly of various components. When certification of performance characteristics of materials, systems or equipment is required by the Contract Documents, either directly or implied for a complete and workable system, GARVER shall be entitled to rely upon such submittal or implied certification to establish that the materials, systems or equipment will meet the performance criteria required by the Contract Documents. The fee is based upon approximately five (5) estimated submittals for the blower replacement.

2. Issue instructions to the Contractor on behalf of the Owner and issue necessary clarifications (respond to RFIs) regarding the construction contract documents. The fee is based upon approximately two (2) estimated RFIs for the blower replacement.
3. GARVER will attend additional monthly progress/coordination meetings (up to eight) with the Owner/Contractor for the ongoing construction and blower replacement work.

**3. EXTRA WORK**

Extra Work will be as directed by the Owner in writing for an additional fee as agreed upon by the Owner and GARVER.

**4. SCHEDULE**

GARVER shall begin work under this Agreement within ten (10) days of a Notice to Proceed and shall complete the work in accordance with the schedule below. This schedule is conceived to meet Consent Order requirements but may require 14-day Owner review of submittals to meet ODEQ timelines.

Phase Description	Calendar Days
Task 5 – Final Design – 60% Submittal	30 days from Notice to Proceed
Task 5 – Final Design – 90% Submittal	30 days from Client approval of 60% Design
Task 5 – Final Design – 100% Submittal	14 days from Client approval of 90% Design.
Task 7 – Construction Administration	Up to eight (8) months additional beyond the original Agreement