



**TASK ORDER No. 5 FOR
ENGINEER-OWNER AGREEMENT
(Doc. No. AE-2 Exhibit A)**

This Task Order is entered into and authorized by Owner this ____ day of _____, 2016, by and between City of Clinton, Oklahoma, (hereinafter called OWNER) and Burns & McDonnell Engineering Company, Inc. (hereinafter called ENGINEER).

The parties agree that the ENGINEER shall perform the following Services in accordance with the terms of the Engineer-Owner Agreement dated June 2, 2014:

1. Scope of Services:

Provide concept development services for the rehabilitation of the Clinton Lake Water Treatment Plant (WTP) related to code compliance associated with the existing chlorine gas system.

ENGINEER shall provide the following services:

1. Code Review:
 - a. Review of applicable codes as they specifically pertain to chlorine gas systems.
2. Review Clinton Lake Water Treatment Plant as-constructed drawings
3. Initial Site Visit:
 - a. Site visit includes one (1) site visit for up to three (3) ENGINEER representatives for one (1) day.
4. Workshop:
 - a. Participate in a charrette-style workshop to discuss potential project alternatives.
 - b. Identify up to two (2) potential alternatives to bring the WTP into compliance with current codes.
 - c. Workshop shall take place during the same trip as the Initial Site Visit.
 - d. Compile and distribute minutes of the Workshop.
5. Alternatives Evaluation:
 - a. Evaluate up to two (2) alternatives to bring the WTP into compliance with current codes.
 - b. Develop an Order-of-Magnitude Opinion of Probable Cost for each alternative. Opinion of Probable Cost shall include major equipment budgetary costs, approximations of ancillary equipment cost, and approximations of construction costs.
6. Evaluate project delivery alternatives.
7. Technical Memorandum:
 - a. Prepare a Draft Technical Memorandum summarizing the findings of Scope of Services items 1 through 6. Submit an electronic version of the Draft Technical Memorandum to the OWNER for review.
 - b. Participate in one (1) Technical Memorandum review meeting with the OWNER via conference call.
 - c. Incorporate OWNER comments into a Final Technical Memorandum. Submit one (1) hard copy and one (1) electronic copy of the Technical Memorandum to the OWNER.

Responsibilities of the OWNER:

1. Responsibilities of the OWNER shall be as described in Section 4 of the Engineer-Owner Agreement.
2. Provide current process, mechanical, electrical, architectural and structural plant drawings, including but not limited to the following:
 - a. Site layout.
 - b. Yard piping.
 - c. Electrical site plan (including generator and fuel storage).
 - d. Chemical storage and feed areas.
 - e. Process and Instrumentation Diagram for chemical feed systems.
 - f. Mechanical plan.
 - g. Electrical one-line diagrams, SCADA and/or other controls narratives and drawings.
 - h. Other pertinent information.
3. Provide photographs of the Water Treatment Plant for all areas that differ from the available process, mechanical, electrical, architectural, and structural plant drawings.
4. Provide historical data, including but not limited to the following:
 - a. Chlorine dosing locations and dosing rate.
 - b. Chlorine dioxide dosing locations and dosing rate.
 - c. Monthly chemical usage.
5. Assistance of OWNER's staff as required in performance of ENGINEER's services.

2. Compensation:

The basis of compensation for the above Services shall be Hourly Rate per ENGINEER's Rate Sheet, attached hereto, subject to a Not-to-Exceed cap of \$38,707.00, without further authorization.

3. Other Terms:

- A. The terms of this Task Order supersede any contrary terms of the Engineer-Owner Agreement.
- B. ENGINEER will proceed with providing the services set forth herein immediately upon Task Order execution. Services shall be completed within 60 days of Task Order Execution.
- C. Completing these services within the timeframe described above is contingent upon timely receipt of required information, approvals, reviews, etc.

IN WITNESS WHEREOF, the parties have made and executed this TASK ORDER as of the day and year first above written.



OWNER: City of Clinton, Ok

By:

Name: Seth Adams

Title: Mayor

**ENGINEER: Burns & McDonnell
Engineering Company, Inc.**

By:

Name: Ron Coker, P.E.

Title: Senior Vice President

By:

Name: Jacob M. White, P.E.

Title: Project Manager