

**SUPPLEMENT TO
MASTER SERVICES AGREEMENT**

**CITY OF GRIFFIN, GEORGIA
AND
PARAGON CONSULTING GROUP, INC.**

THIS SUPPLEMENTAL AGREEMENT is made as of _____
Between City of Griffin, GA, Owner, and Paragon Consulting Group, Inc., Engineer
(ENGINEER).

OWNER AND ENGINEER have previously executed a Master Services Agreement dated April 3, 2003 ("Original Agreement") that defines general terms under which ENGINEER will furnish General Consulting Services and Project Engineering Services to OWNER. OWNER now wishes to engage ENGINEER to provide services in connection with a Project known as:

Cabin Creek WWTP Condition Assessment and Recommendations

Paragon Consulting Group, Inc. (ENGINEER) will provide services that will include a condition assessment of the Cabin Creek Wastewater Treatment Plant (WWTP). Equipment and infrastructure will be evaluated through on-site inspection and through available data and design analysis by licensed structural, electrical and civil engineers. The results of the condition assessment will be summarized in a report which will include the following major components:

- Hydraulic evaluation
- Equipment evaluation
- Structural evaluation
- Electrical and controls evaluation
- Treatment Process evaluation (Concept level design recommendation)
- Controls evaluation
- Probable construction costs
- Regulatory review

ENGINEER has prepared a Basis of Compensation, attached herein as EXHIBIT A, and a Scope of Work, attached herein as EXHIBIT B, to provide the services contemplated in this Supplemental Agreement.

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

OWNER:

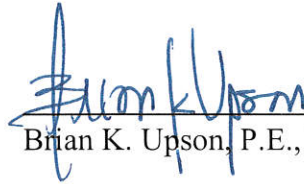
CITY OF GRIFFIN

Attest:

Manager

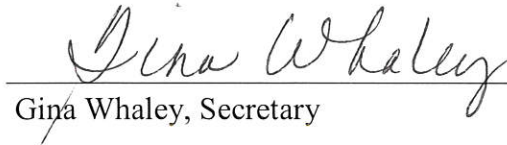
ENGINEER:

PARAGON CONSULTING GROUP, INC.



Brian K. Upson, P.E., President

Attest:



Gina Whaley, Secretary

Cabin Creek WWTP Condition Assessment and Recommendations

EXHIBIT A – SCOPE OF SERVICES

Phase 1 – Condition/Assessment

PCG will conduct a written assessment of the condition of the Cabin Creek WWTP based on record drawings, operator discussions regarding general operational practices, site visits, NPDES permit information, and knowledge of on-site equipment. The assessment will consist of the following typical tasks:

Task 1.1 – Process Hydraulic Evaluation

PCG will perform a hydraulic evaluation of the biological process and all its components including influent flow meter, headworks, primary clarification, tertiary filtration, secondary clarification, disinfection, effluent flow meter and sludge digestion. The results will be summarized in a technical memorandum.

Task 1.2 – Equipment Evaluation

PCG will evaluate the current condition of the existing equipment used to process wastewater at the Cabin Creek WWTP. Equipment manuals, run time data and maintenance data as necessary will be provided to PCG by OWNER in order to complete this evaluation. PCG will perform on-site evaluations of the equipment. Some equipment may require inspection off-line; such evaluations will be coordinated in advance with the OWNER as not to interfere with normal operation. The results will be summarized in a technical memorandum.

Task 1.3 – Structural Evaluation

PCG will perform a structural evaluation of all existing treatment tankage. Some of these evaluations may be required off-line and dry and some structures may require core sampling; such evaluations and sampling will be coordinated in advance with the OWNER as not to interfere with normal operation. Core sampling and other testing required beyond that of visual inspection shall be paid for by the owner and not included in the price herein. The results will be summarized in a technical memorandum.

Task 1.4 - Electrical Evaluation

PCG will perform an electrical evaluation of the existing electrical equipment at the Cabin Creek facility. An electrical on-line diagram of the existing system shall be provided with notes on the condition of the components. The results will be summarized in a technical memorandum.

Task 1.5 – Process Data Gathering and Analysis:

PCG will gather, organize and analyze operational data provided to PCG by OWNER. The data will be used to determine operational parameters and trending. The results will be summarized in a technical memorandum.

Task 1.6 – Controls Evaluation:

PCG will evaluate the existing Cabin Creek treatment plant controls, and/or lack thereof, including controls on individual treatment components. The results will be summarized in a technical memorandum.

Task 1.7 – Regulatory Review:

PCG will conduct a review of regulations and permit requirements including recommended safe operating procedures. This review will be in conjunction with information gleaned from task 1.5. The

results will be summarized in a technical memorandum and used to aid in establishing design criteria for the concept design.

Task 1.8 – Condition Assessment Report and Presentation:

PCG will assemble the individual technical memorandums into one report describing the findings of the condition assessment. The report will be presented to the OWNER in an open workshop format. Input during the workshop will be incorporated into the final condition assessment report.

Phase 2 – Final Documentation

PCG will prepare final documentation including concept level drawings and a document describing the selection process and concept level design, construction cost estimate and proposed design schedule.

Communication will be as needed with OWNER by PCG through electronic means.

Deliverables will be provided in digital format including Word, Excel, PDF and any other electronic formats. These include all calculations, processes and engineering documents which become the property of the OWNER for use on this project. Reuse of these documents on other projects is solely at the risk of the OWNER.

EXHIBIT B – BASIS OF COMPENSATION

Phase1 - Condition and Assessment

Task 1.1 – Process Hydraulic Evaluation

Professional Services Fee: \$9,385.00

Scope of Work: Included in EXHIBIT A

Task 1.2 – Equipment Evaluation

Professional Services Fee: \$11,500.00

Scope of Work: Included in EXHIBIT A

Task 1.3 – Structural Evaluation

Professional Services Fee: \$6,200.00

Scope of Work: Included in EXHIBIT A

Task 1.4 – Electrical Evaluation

Professional Services Fee: \$9,340.00

Scope of Work: Included in EXHIBIT A

Task 1.5 – Process Data Gatherine Analysis

Professional Services Fee: \$13,825.00

Scope of Work: Included in EXHIBIT A

Task 1.6 – Process Controls Evaluation

Professional Services Fee: \$6,375.00

Scope of Work: Included in EXHIBIT A

Task 1.7 – Regulatory Review

Professional Services Fee: \$4,425.00

Scope of Work: Included in EXHIBIT A

Task 1.8 – Condition Assessment Report and Presentation

Professional Services Fee: \$15,400.00

Scope of Work: Included in EXHIBIT A

Phase 2 - Condition and Assessment

Professional Services Fee: \$16,825.00

Scope of Work: Included in EXHIBIT A

Sub-Total of the estimated fees from Phases 1 through 2: \$93,275.00