

AMENDMENT NO. 1
AGREEMENT FOR ENGINEERING SERVICES
RAW WATER SUPPLY EVALUATION
CROSSVILLE, TENNESSEE

WITNESSETH, there exists an AGREEMENT entitled “*Agreement for Engineering Services – Raw Water Supply Evaluation*” dated July 11, 2017 by and between the CITY OF CROSSVILLE, TENNESSEE as OWNER and J. R. WAUFORD & COMPANY, CONSULTING ENGINEERS, INC. as ENGINEER; and

WITNESSETH, that the scope of the original AGREEMENT resulted in the ENGINEER producing the report entitled “*Raw Water Study*” dated November 2017, and

WITNESSETH, that the OWNER and ENGINEER met with representatives of the Corps of Engineers on February 26, 2018 regarding raising the Meadowpark Lake Dam which resulted in the OWNER deciding to proceed with additional investigations with other regulatory agencies, and

WITNESSETH, that the OWNER and ENGINEER desire to modify the AGREEMENT to add consideration for the added scope.

NOW, THEREFORE the OWNER and the ENGINEER agree as follows:

1. Modify Paragraph 1. PRELIMINARY ENGINEERING SERVICES as follows:

“1. PRELIMINARY ENGINEERING SERVICES

a. Scope of Work

The ENGINEER shall conduct preliminary engineering relative to providing a Plan of Action including the following items:

- (1) Evaluate existing water usage and raw water pumpage data to determine historical demands
- (2) Evaluate available population projections and potential future industrial water usage predictions to determine estimated 20 year and 50 year raw water demands
- (3) Review existing information provided by the USACOE related to the future water needs of the CITY
- (4) Review available records of the Meadowpark Lake Dam and use agreement related to the transfer of Lake Tansi water to Meadowpark Lake

- (5) Devise a Plan of Action related to the development of increased raw water storage including a preliminary scope of work, implementation timeline, and estimated costs
- (6) Prepare and submit up to six (6) hard copies and one (1) digital copy of a Preliminary Engineering Report of the findings
- (7) Prepare a preliminary outline of proposed required tasks to accomplish related to preparing and submitting a Corps of Engineers Section 404 permit application and a Tennessee Department of Environment and Conservation, Division of Water Resources, 401 Water Quality Certification permit application. The services rendered as part of this work are anticipated to include meetings with appropriate regulatory authorities.

b. Compensation

The OWNER agrees to pay the ENGINEER the Lump Sum of FIFTEEN THOUSAND DOLLARS (\$15,000) for the work described in Paragraph 1. PRELIMINARY ENGINEERING SERVICES Item Nos. (1) through (6).

The OWNER agrees to pay the ENGINEER at the ENGINEER's standard hourly rates in accordance with Attachment No. 1 for the work described at Paragraph 1. PRELIMINARY ENGINEERING SERVICES, Item No. (7). Due to the undefined scope of work, a budget ceiling price of \$15,000 is established with the anticipation that the work can be completed for this amount."

2. All other provisions of the AGREEMENT shall remain in full effect.

IN WITNESS WHEREOF they have executed this AMENDMENT NO. 1 this _____ day of _____, 2018.

ENGINEER:

OWNER:

J. R. WAUFORD & COMPANY,
CONSULTING ENGINEERS, INC.

CITY OF CROSSVILLE, TENNESSEE

BY: _____
J. Gregory Davenport., P.E.
President

BY: _____
James Mayberry
Mayor

ATTEST:

ATTEST:

Robert S. Qualman, P.E.
Corporate Secretary

Valerie Hale
City Clerk

Attachment:

Attachment No. 1: Engineer's Standard Charges dated January 1, 2018

Attachment No. 1

STANDARD CHARGES

(for services performed by our firm on
projects not covered by formal contract)

Effective January 1, 2018

Statements will be issued on a monthly basis in accordance with the following method:

Salary Cost Plus a Multiplier

Two times the salary cost of employees for time properly chargeable to the work. Salary cost includes the actual payroll charge plus direct additives which was calculated to be 76.18% for F.Y. ending 12-31-17. Salary cost includes any overtime pay as mandated by the Department of Labor.

Plus expenses properly chargeable to the work, as listed below, reimbursable at cost.

EXPENSES REIMBURSABLE AT COST

- A. Travel by private vehicle at the rate approved by the IRS.
- B. Travel by scheduled airline or charter plane at cost.
- C. Travel and living expenses for all personnel when required to be away from headquarters in connection with the work.
- D. Printing, reproduction, photography, testing laboratories, or special materials in connection with the work.
- E. Mobile phone bills for resident observers and surveyors.
- F. Other consultant fees as approved by client.