

RESOLUTION 22-226

A RESOLUTION TO AUTHORIZE MAYOR TO EXECUTE A PROFESSIONAL SERVICES AGREEMENT WITH THOMAS AND HUTTON FOR THE CONCEPTUAL DESIGN AND DRAFT PLAN OF THE ADVANCED PURIFICATION PROJECT

WHEREAS, the City of Spring Hill water and sewer plants are in need of additional storage and treatment capacity; and

WHEREAS, the City of Spring Hill has worked with Thomas & Hutton to prepare a proposed expansion concept with the Tennessee Department of Environment and Conservation to utilize advanced purification technologies; and

WHEREAS, the Tennessee Department of Environment and Conservation must approve a pilot plan before design, construction, and funding applications can be made; and

WHEREAS, Thomas and Hutton have provided a task order proposal for engineering services (28298.0043) under the current contract with the City of Spring Hill, TN for a lump sum fee of \$84,000.00; and

WHEREAS, The City of Spring Hill has budgeted \$120,000 in the FY22-23 budget, and the project is proposed to be funded in line item 410-52443-970; and

NOW, THEREFORE, BE IT RESOLVED, that the Board of Mayor and Aldermen of the City of Spring Hill authorizes the following actions:

1. Approval of the Professional Services Task Order Contract with Thomas and Hutton to perform Tasks 1 and 2 for a lump sum fee of \$84,000.00.
2. Establish a 15% project contingency in the amount of \$12,600.00 for staff to utilize if needed.
3. Authorize staff to enter negotiations with TDEC regarding a renewed water withdrawal permit.
4. Authorize staff to enter negotiations with property owners to secure appropriate easements.
5. To authorize the Mayor to execute the agreement with Thomas and Hutton.

Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee on this 3rd day of October, 2022.


Jim Hagaman, Mayor

ATTEST:


April Goad, City Recorder

LEGAL FORM APPROVED:


Patrick Carter, City Attorney



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**Spring Hill, TN
 Wastewater Treatment Plant Effluent
 Indirect Reuse/Reclaimed Water
 Task Order Contract**

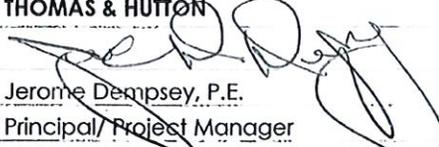
Task Order No: **28298.0043**

Date: **09-28-22**

Professional Service Agreement - Task Order Contract between the City of Spring Hill and Thomas & Hutton for General Professional Engineering Consultant Services for the Advanced Purification Test Pilot Conceptual Design and Draft Test Plan. The current Professional Services Agreement between Spring Hill and Thomas and Hutton is hereby amended to include the following Task Order.

Background	<p>The City of Spring Hill (City) is considering an Advanced Purification Project to purify water from the City's treated wastewater treatment plant (WWTP) effluent stream for conveyance to a water reservoir. The advanced treated water will then be mixed with raw water from the Duck River, within the reservoir. This water mixture would eventually be sent to the water treatment plant (WTP) for additional purification.</p> <p>Under this initial task order, an Advanced Purification Test Pilot Conceptual Design and Draft Test Plan will be developed and submitted to the Tennessee Department of Environment and Conservation (TDEC) for review and comment. The Draft Pilot Test Plan will identify treatment goals, treatment processes, and monitoring equipment. The team also anticipates at least one meeting with TDEC to obtain feedback on the Draft Pilot Test Plan, which will inform the team of next steps for the project.</p>	
Task Description:	Develop an Advanced Purification Pilot Test- Conceptual Design and Draft Plan	
Contact:	Dan Allen, P.E., Assistant City Administrator - Utilities	
Scope of Services:	<p>1. Develop a conceptual design for the proposed advanced purification facility that is sufficient for development of a Pilot Test Plan. This will include development, at the conceptual level, of treatment goals, process sizing, and monitoring equipment, such as water quality sensors. A virtual kickoff meeting is included in the scope of this task.</p> <p>2. Develop a draft Pilot Test Plan, which incorporates the conceptual design elements from the above-described Task 1. The DRAFT Pilot Test Plan will also include a proposed pilot schedule, and a Sampling and Monitoring Matrix, which indicates which parameters will be measured where, when, and how (laboratory, field, or online) during pilot operations. One virtual project update meeting with Spring Hill is included in the scope of this task.</p> <p>Note: Contingent Tasks for additional meetings with Spring Hill and/or TDEC as needed, development of PowerPoint presentations summarizing both the Pilot Conceptual Design and DRAFT Pilot Test Plan. Any additional items not summarized in this task order.</p>	
Deliverables:	<ol style="list-style-type: none"> Advanced Purification Pilot Test Conceptual Design Advanced Purification Draft Test Pilot Plan 	
	Items 1 and 2:	\$84,000.00
	Contingent Items, if applicable:	Current Contract Rates plus Outside Services
	Total Task Order Amount:	\$ 84,000.00

This Agreement hereby amends the above referenced Professional Services Agreement between Thomas & Hutton and Spring Hill. This Agreement of Services may only be amended, supplemented, modified, or cancelled by a duly executed written instrument. IN WITNESS WHEREOF, parties hereto have made and executed Agreement as day written below,

Client: CITY OF SPRING HILL	Engineer: THOMAS & HUTTON
Signed: 	Signed: 
Name: Jim Hageman	Name: Jerome Dempsey, P.E.
Title: Mayor	Title: Principal/ Project Manager
Date: 10-6-2022	Date: 09/28/2022