

AGENDA

THE COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF SPARTANBURG, S.C. Meeting Place: 200 Commerce Street

EXECUTIVE SESSION

Monday, August 26, 2019, 11:00 a.m.

This is an executive session of The Commissioners of Public Works of the City of Spartanburg, S.C. Written notice of the date, time, and place for this meeting has been posted in the lobby and on the Spartanburg Water website, and copies have been forwarded to local and nearby news media (including Spartanburg Herald-Journal, The Spartan Weekly, Greenville News, The Greer Citizen, Hometown News, WSPA-TV 7, WYFF-TV 4, WLOS-TV 13, WHNS Fox Carolina, WORD News Radio, WOLT-FM Radio, Tribune Times, and the Times Examiner) at least 24 hours prior to this meeting.

- 1. CALL THE MEETING TO ORDER**
- 2. EXECUTIVE SESSION**

The Commission anticipates going into Executive Session to hear staff reports and obtain legal advice regarding watershed issues at Lake Bowen and the possible acquisition of certain real estate.

AGENDA

THE COMMISSIONERS OF PUBLIC WORKS OF THE CITY OF SPARTANBURG, S.C.

**Meeting Place:
SPARTANBURG MARRIOTT
IN THE CROFT/WADSWORTH ROOM
299 N. Church Street, Spartanburg, SC 29306**

REGULAR MEETING

Tuesday, August 27, 2019, 3:45 p.m.

This is a regular meeting of The Commissioners of Public Works of the City of Spartanburg, S.C. Written notice of the date, time, and place for this meeting, along with the agenda, has been posted in the lobby and on the Spartanburg Water website, and copies have been forwarded to local and nearby news media (including Spartanburg Herald-Journal, The Spartan Weekly, Greenville News, The Greer Citizen, Hometown News, WSPA-TV 7, WYFF-TV 4, WLOS-TV 13, WHNS Fox Carolina, WORD News Radio, WOLT-FM Radio, Tribune Times, and the Times Examiner) at least 24 hours prior to this meeting.

1. APPROVAL OF MINUTES OF REGULAR MEETING OF JUNE 25, 2019

2. MONTHLY FINANCIAL REPORT

Newt Pressley will present a financial summary of SWS expenditures and revenues for the twelve-month period ending June 30, 2019, and the one-month period ending July 31, 2019.

3. CITY OF SPARTANBURG – ECONOMIC DEVELOPMENT PARTICIPATION AGREEMENT

Spartanburg City Manager, Chris Story, will provide an update to the Commission on the Economic Development Participation Agreement.

4. WATER QUALITY REPORT

Management will provide an update on water quality.

5. PROFESSIONAL SERVICES FOR ALGAE MANAGEMENT AND MONITORING PLAN IMPLEMENTATION SUPPORT – ON-CALL SERVICES

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In June of 2019, Hazen and Sawyer completed a project (Work Authorization No. 2) with Spartanburg Water System to provide support for the management of algae in the drinking water supply reservoirs.

Spartanburg Water System desires to continue to utilize Hazen and Sawyer to provide on-call support related to the implementation of the Algae Monitoring and Management Plans through the 2019-2020 algae growing seasons. The scope of services for this support includes the following:

- On-call Monitoring Data Review and Support – This task includes bi-monthly review of monitoring data such as algae counts, algae species identification, and Geosmin/MIB levels.
- Updates Algaecide Prescription Plans – This task includes collaboration with Spartanburg Water on future algaecide prescription plans based on the monitoring data, changing conditions throughout the algae growing season and up to four (4) additional algaecide prescription plans in 2019-2020.

Management recommends that the Chief Executive Officer be authorized to enter into Work Authorization No. 3 with Hazen and Sawyer in an amount not to exceed \$26,500 for Professional Services to be performed under an existing “Master Agreement” (dated February 26, 2016). The project will be funded through operating funds.

6. REPORT ON DRINKING WATER RESERVOIRS

Management will provide an update on activities with the drinking water reservoirs.

7. PROFESSIONAL SERVICES – LAKE BOWEN LANDING IMPROVEMENTS

Lake Bowen Landing improvements are needed to provide a safe environment for the public. Planned improvements include additional parking for both vehicles and boat trailers, improvements to the boat ramps and access points, controlling the direction of vehicular traffic around Anchor Park, and associated storm water controls. The improvements will also mitigate disturbed areas along the shoreline.

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Management recently requested a proposal from Summit Engineering Group of Spartanburg, SC to assist with the development of a site plan, including grading and storm water plans, to address the need for additional parking, access to boat ramps, and improved pedestrian and vehicular traffic circulation. The proposal also includes bidding and construction administration services.

Management recommends the approval of a professional services contract with Summit Engineering Group based on the lump sum amount of \$25,000. Funding will be provided through capital funds.

8. DISTRIBUTION SYSTEM INFRASTRUCTURE UPDATE

Spartanburg Water System actively addresses the needs of its aging water distribution system infrastructure. Management will provide an overview of the progress made by the Collection and Distribution Department to address these needs in the past two years.

9. MASTER SERVICES AGREEMENT FOR PROFESSIONAL CIVIL ENGINEERING, ENVIRONMENTAL AND REGULATORY CONSULTING SERVICES

Spartanburg Water System (SWS) recently requested a proposal from AECOM to revise and renew a Master Services Agreement for professional services on an as needed basis. AECOM is a firm which specializes in a wide variety of disciplines related to the water and wastewater industries.

Due to their qualifications, experience and familiarity with regulations applicable to Spartanburg Water's facilities and systems, SWS desires to utilize AECOM for engineering, environmental and regulatory consulting services.

The proposed Master Services Agreement for professional services is based on a time and expense basis in accordance with an established schedule of fees and provides opportunities for consultant participation in the SWS Community Benefits Program.

Management recommends the Commission authorize the Chief Executive Officer to enter into a revised and renewed agreement with AECOM for

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professional civil engineering, environmental and regulatory consulting services.

10. WORK AUTHORIZATION FOR COMPLIANCE WITH AMERICA’S WATER INFRASTRUCTURE ACT OF 2018

America’s Water Infrastructure Act of 2018 (AWIA) requires community water systems that serve a population of 100,000 or more to complete a Risk and Resilience Assessment (RRA) and provide the Environmental Protection Agency (EPA) a completion certification by March 31, 2020. In addition, Federal Law requires that water utilities develop or update an emergency response plan and certify completion to the EPA no later than six months after risk and resilience assessment certification (no later than September 30, 2020).

The Risk and Resilience Assessment (RRA) evaluates a water system’s vulnerabilities, threats and consequences from potential hazards.

An internal taskforce team was assembled and their recommendation is to utilize AECOM’s services to assist with the completion of this federally required Risk and Resilience Assessment (RRA). The recommendation was based on AECOM’s experience and overall subject matter experience.

Staff recommends that the Commission authorize the Chief Executive Officer to negotiate and enter into a work authorization with AECOM to conduct a Risk and Resiliency Assessment (RRA) of critical infrastructure as mandated by America’s Water Infrastructure Act of 2018 (AWIA) in an amount not to exceed \$200,000 without further authorization.

Funding for the Risk and Resiliency Assessment to be provided by capital funds.

11. SUMMARY CHANGE ORDER – CRESCENT AVENUE BRIDGE 8” WATERLINE INSTALLATION PROJECT

The Crescent Avenue Bridge 8" Water Line Installation Project is complete. In coordination with the SCDOT project to demolish and replace the existing bridge, Spartanburg Water was required to temporarily remove an 8" water line that was supported on the bridge. The SCDOT agreed to allow

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Spartanburg Water to reinstall the water line, suspended under the outer edge of the new concrete bridge deck, after the bridge was replaced.

Installation of the section of water line on the bridge required specialized equipment, and this phase of the work was completed by Double R Utilities. The balance of the water line relocations related to the SCDOT project is being constructed by the Spartanburg Water Collection and Distribution Department.

Change Order No. 1 (summary) was a net increase of \$ 5,221.12 in the contract price based on additional unit quantities and erosion-control measures completed by Double R Utilities. This change order was executed as per current water system policy.

The Financial summary of the project construction is as follows:

Original Contract Price	\$ 63,015.60
Change Order No.1 (Summary) - additions to unit quantities based on actual construction and additional erosion-control measures which were not included in the original cost proposal but were required by changing site conditions	<u>\$ 5,221.12</u>
Revised Contract Price	\$ 68,236.72

The above is provided as information to the Commission.

12. PARTICIPATION PROJECT CONSISTENT WITH OUTSIDE CITY WATER MAIN EXTENSION POLICY – PENNY BENNETT ROAD PHASE 2

The water main extension consists of approximately 700 linear feet of 6-inch water main and is consistent with the SWS Water Main Extension Policy. It will be billed at the outside city rate plus surcharge until such time as the full local share is recovered.

The water main extension necessary to provide domestic service plus fire protection and also provide for future growth, are the same size and quantity, and therefore, the project estimate is \$33,500. The property owner's participation cost is based on this estimate.

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Management recommends Commission approve the above.

13. AGREEMENTS EXECUTED BY THE CHIEF EXECUTIVE OFFICER ON BEHALF OF THE COMMISSION

The following agreements have been executed on behalf of the Commission by the Chief Executive Officer in accordance with the resolution adopted by the Commission on March 28, 1989.

A. Inside City Private Fire Service Agreement

(1) Wofford College New Residence Hall

Wofford College located at 429 N. Church Street in Spartanburg, SC, wishes to connect an 8-inch water line to the Commission's 10-inch water line along an unnamed roadway immediately south of Snyder Field to serve a private fire protection system, including one hydrant, for the above-mentioned residence hall. Wofford College wishes to enter into an agreement for this service.

Annual Stand-by Revenue - \$465.76

B. Outside City Private Fire Service Agreement

(1) Tropical Grille FS

Tropical Grille located at 2440 Reidville Road in Spartanburg, SC wishes to connect a 4-inch water line to the Commission's 12-inch water line along Reidville Road to serve a private fire protection system for the above-mentioned restaurant. Avon Park Holdings, LLC wishes to enter into an agreement for this service.

Annual Stand-by Revenue - \$223.16

C. Outside City Water Main Extension Agreements

(1) Foster Place Phase 2

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Newman & Sims Development, Inc., is developing Foster Place Phase 2. This development will consist of 32 residential lots, approximately 906 linear feet of 6-inch water main, 596 linear feet of 4-inch water main, and one hydrant. The developer will bear all costs.

D. Lake Agreements

Applications have been submitted and all fees have been paid on the following Lake Agreements.

- (1) **Thomas Joseph Foote, Jr. and Kimberly Utley Foote** desire to construct a hard pathway and dock on Lake Blalock.
- (2) **Heather M. Hayden and Amy M. Hayden** desire to construct a hard pathway and dock on Lake Blalock.
- (3) **Kay Dominick West** desires to replace a dock on Lake Bowen.
- (4) **Simeon Stoilkov and Jerri Stoilkov** desire to replace a dock on Lake Bowen.
- (5) **Randall R. and Connie K. Higel** desire to replace a dock on Lake Bowen.
- (6) **Dan C. Crow and Gwenn K. Crow** desire to construct a boat lift on Lake Bowen.
- (7) **Manning V. McGraw and Laura E. McGraw** desire to construct a boat lift and personal watercraft lift on Lake Bowen.
- (8) **Beryl Johnson Cox** desires to replace a dock on Lake Bowen.

14. PUBLIC COMMENT

15. NEGOTIATIONS AND MISCELLANEOUS ADMINISTRATIVE MATTERS