

AGENDA

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

REGULAR MEETING

**Tuesday, June 28, 2022, 3:00 p.m.
(or immediately following SSSD meeting)**

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 JOINT EXECUTIVE SESSION MEETING OF
MAY 24, 2022 AND REGULAR MEETING OF MAY 24, 2022**

2. MONTHLY FINANCIAL REPORT

Newt Pressley will present a financial summary of SWS expenditures and revenues for the eleven-month period ending May 31, 2022.

3. DRINKING WATER TREATMENT CHEMICALS BID

An online reverse auction event was held on May 4, 2022, in order to obtain pricing for drinking water treatment chemicals for the Spartanburg Water System water treatment facilities. Eleven vendors participated in the event. The pricing submitted is for the contract term July 1, 2022 - June 30, 2023, with a pricing review after six months. The results of the event are tabulated below.

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	Aluminum Sulfate	Fluosilicic Acid 23%	Hexametaphosphate	Sodium Thiosulfate 30%	Powdered Activated Carbon Hydro Darko B	Sulfuric Acid 78%	*Aluminum Chlorohydrate Liquid	Polymer Liquid	Poly Aluminum Chloride Delpac	Solar Salt	Residuals Polymer	Sodium Hypochlorite	*Hydrogen Peroxide	Calcium Thiosulfate
Estimated Annual Qty	2200 Tons	140 Tons	60 Tons	4000 gals	140,000 lbs	50,000 lbs	224,000 lbs	55,000 lbs.	34,000 lbs	1,000,000 lbs.	10,000 lbs.	50,000 gals	80 Tons	8,000
Unit of Measure	Ton	Ton	Ton	Gallon	Pound	Pound	Pound	Pound	Pound	Pound	Pound	Gallon	Ton	Gallon
Shannon Chemical Corp			\$5,990.00											
Polydyne Inc.								\$1.50			\$1.500			
Chemtrade Chemicals	\$418.50													
C&S Chemicals	\$419.50													
Penco Inc		\$425.00												
Univar Solutions USA		\$424.99		\$6.20					\$1.05	\$0.14		\$1.84		
Carus			\$5,995.00											
Atlenco											\$1.497			
Water Guard												\$1.85		\$7.04
Southern States Chemical						\$0.17								
CFS Enterprises, Inc					\$0.98									
Brenntag Mid-South							\$0.5268							
Sterling Water Tech													\$651.82	
USP Technologies													\$1,111.00	

**Chemicals were bid using the Sealed Bid procurement method with a pricing review after three months.*

Management recommends awards to the lowest responsive bidders for those products indicated on the bid tabulation summary.

Funding will be provided through the annual operating budget.

4. HVAC SYSTEM FOR COLLECTION AND DISTRIBUTION FIELD OPERATIONS BUILDING

Proposals were received on Monday, April 11, 2022, for the installation of a central heating and air conditioning system in the Above Ground Maintenance and Meter Shop building. The building has been converted to the Field Operations building to better utilize available facilities for current staff and requires a more efficient temperature control system than what is currently in place.

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The scope of work calls for the contractor to provide and install a 7.5 ton and a 10 ton Trane split system, concrete pad for condensing units, ductwork, thermostats, electrical components, and all connections for a fully functioning and efficient HVAC system. The awarded contractor will also be responsible for all permits, inspection, testing, and balancing of the new system.

An invitation to respond was placed in the local media and forwarded to prospective suppliers. The solicitation drew responses from two contractors. A cost tabulation of the responses is listed below.

<u>BIDDER</u>	<u>AMOUNT OF BID</u>
Waldrop Mechanical Services Greer, SC	\$111,725
Davis Services Spartanburg, SC	\$157,125

An evaluation team reviewed and scored the proposals received. The evaluation criteria consisted of (1) the responder’s experience; (2) proposed project schedule; (3) cost; (4) scope of work; (5) MWBE utilization; (6) Community Benefit Program; (7) equipment specifications; and (8) warranty. Each proposal was evaluated using a weighted score matrix, with the successful supplier being selected for the highest scoring proposal.

Management recommends an award be granted to Waldrop Mechanical Services at a cost of \$111,725 based on their highest scoring proposal.

This project will be funded by SWS and SSSD capital funds as follows:
SWS - \$64,800; SSSD - \$46,925.

5. WATER MAIN CONSTRUCTION SERVICES – REQUEST FOR QUALIFICATIONS

Qualifications were received on April 28, 2022, in response to a Request for Qualification (RFQ) that will allow SWS to compile a list of pre-qualified contractors for water main construction services. The projects will include the replacement of water mains to support ongoing rehabilitation efforts;

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installation of new water mains to support SWS’s participation and system improvement programs; and the relocation of mains resulting from City, County, or SCDOT roadway projects. The pre-qualified contractors will be called upon to submit competitive bids and/or proposals when work is scheduled by the Engineering Department and Collection and Distribution Department. This alternative delivery method will expedite the competitive bidding process and allow construction work to be completed in a proactive manner.

Responses were received from four contractors. Each of the four respondents were scored based on the following criteria: (1) Experience on similar projects, (2) Project Team qualification, (3) financial capability, (4) MWBE utilization, and (5) Community Benefit Program.

After careful evaluation, management recommends approval of each of the following respondents as pre-qualified contractors for water main construction services:

Double R. Utilities, Inc. Gaffney, SC	Harper General Contractors Greenville, SC
Long and Sons Utility Company, LLC Simpsonville, SC	Payne, McGinn, & Cummins, Inc. Travelers Rest, SC

Bids will be solicited from each of the four pre-qualified contractors on an as-needed basis for a period not to exceed 24 months. Projects will be funded by SWS distribution system rehab funds and capital funds, depending on the application.

6. R.B. SIMMS EMERGENCY GENERATOR REPLACEMENT

In the past, the R.B. Simms facility has been powered during electrical outages with a 2.0 MW generator and a 1.25 MW generator. The 1.25 MW generator has failed and requires replacement. Due to the Advanced Oxygenation upgrade at the facility, a larger energy load will be placed on the generators during electrical outages.

An evaluation of projected electrical loads was conducted and a Request for Proposal (RFP) was developed. Responses to the RFP were received on

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April 5, 2022, for a qualified contractor to provide and install a 2.0 MW generator at the R.B. Simms facility. The scope of work calls for the successful contractor to remove the current generator and miscellaneous equipment; provide new equipment and necessary materials; and perform a turnkey installation and startup.

The proposals were evaluated using a weighted scoring matrix. The matrix rated the suppliers based on (1) equipment design, technical data, and support; (2) project narrative; (3) company information and experience; (4) warranty information; (5) detailed cost information; (6) Community Benefit Program, and (7) MWBE utilization. The evaluation and scoring of the proposals were conducted by an evaluation committee. Two contractors submitted responses to the RFP. A cost tabulation of the responses is listed below.

<u>BIDDER</u>	<u>AMOUNT OF BID</u>
Harper General Contractors Greenville, SC	\$2,153,000
Crowder Construction Company Apex, NC	\$3,076,925

The highest scoring proposal was submitted by Harper General Contractors. Based on the results of their response and matrix score, management recommends approval of an award to Harper General Contractors at a cost of \$2,153,000. Funding is provided by SWS capital funds.

7. PURCHASE OF LARGE METER TESTING SERVICES

Responses from a sealed bid for large meter testing and repair services were received on June 8, 2022. The sealed bid specified that 165 meters ranging in sizes from 3" to 10" will be tested annually, and seven meters will be tested semi-annually. Services needed include testing, repairing, and retests. The purpose of this solicitation is to secure firm pricing based on the quantity needed per test for the contract term.

The invitation for sealed bid was advertised in the local media and forwarded to prospective suppliers which drew responses from two bidders.

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A tabulation of the bid is listed below. The cost listed represent semi-annual and annual totals based on estimated annual quantities. The contract will be for an initial 12-month term with two optional renewal terms.

<u>BIDDER</u>	<u>AMOUNT OF BID</u>
RWRS-EAST, LLC Trion, GA	\$44,185
Fortiline, Inc. Concord, NC	\$50,750

Management recommends the contract be awarded to the lowest responsible bidder, RWRS-EAST, LLC, at an annual cost of \$44,185. Funding will be provided by the SWS operating budget.

8. LANDRUM RAW WATERLINE RELOCATION PROJECT – PROFESSIONAL ENGINEERING SERVICES

Proposals were received on April 8, 2022, for engineering services to provide design, permitting, bidding support, and construction management services for the relocation of the Landrum raw waterline. The section of line located under Lake Lanier has failed and the line has been temporarily removed from service. The project reroutes a portion of the existing water supply line along W. Lakeshore Drive. The waterline serves as the original water supply source to the Landrum Water Treatment plant and has been in service for approximately 100 years.

Engineering firms were requested to provide proposals that included information on similar previous experience, schedule, references, staffing assigned to the project, and a not to exceed quote.

The Request for Proposal (RFP) was solicited from four engineering firms who provide the type of services requested. Two proposals were submitted and evaluated. Proposals were received from the following firms:

- AECOM Technical Services, Inc., Greenville, SC
- WK Dickson & Co., Inc., Greenville, SC

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The proposals were evaluated by five staff members using a weighted scoring matrix on the above listed criteria. The evaluation and scoring of the proposals were conducted by the evaluation committee.

The highest scoring proposal was submitted by WK Dickson & Co., Inc., which provided more relevant project experience in their proposal than the other firm.

Based on the weighted matrix score, management recommends the award of the engineering design services for the Landrum Raw Waterline Relocation Project to WK Dickson & Co., Inc., in the amount of \$71,500. The Engineering Design portion of the project will be funded with capital funds.

9. WATER QUALITY REPORT

Management will provide an update to the Commission on water quality.

10. APPROVAL OF DREDGING ACTIVITIES – 148 COASTLINE DRIVE – LAKE BOWEN

Mr. Robert Abrams, who has property adjacent to Lake Bowen, has secured a permit from the South Carolina Department of Health and Environmental Control (SCDHEC) to perform dredging activities in the area associated with his property. The requested dredging activities have been reviewed by Spartanburg Water staff and are consistent with Spartanburg Water System's Policies and Procedures, Revised October 31, 2019.

Management recommends that the Commission approve the request by Mr. Robert Abrams to perform dredging activities as permitted by SCDHEC and defined by Spartanburg Water System.

11. APPROVAL OF DREDGING ACTIVITIES – 184 OLIVER DRIVE – LAKE BOWEN

Mr. Dwight Rogers, who has property adjacent to Lake Bowen, has secured a permit from the South Carolina Department of Health and Environmental Control (SCDHEC) to perform dredging activities in the area associated with his property. The requested dredging activities have been reviewed by

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Spartanburg Water staff and are consistent with Spartanburg Water System’s Policies and Procedures, Revised October 31, 2019.

Management recommends that the Commission approve the request by Mr. Dwight Rogers to perform dredging activities as permitted by SCDHEC and defined by Spartanburg Water System.

12. VARIANCE REQUEST – 162 WILKINS BOULEVARD – LAKE BOWEN

On April 29, 2022, the adjoining property owner applied to replace an existing permitted 12'x18' dock with a 24'x28' dock. Watershed staff evaluated the request and determined that replacement with a larger dock would not adhere to the 14 foot offset requirement from an adjoining side lot property line. The application for the dock replacement was disapproved.

On May 3, 2022, the adjoining property owner submitted a written request for a variance of the Standard Specifications of the Lake Bowen Policies and Procedures for a marine structure regarding the 14 foot offset requirement.

Staff conducted a site evaluation and confirmed that there is approximately 45 feet between the existing marine structures located within the immediate area and the installation of a larger 24'x28' dock would not impede access, create a safety concern, or have a negative impact on water quality.

Staff has no objections to the variance request as described above.

13. VARIANCE REQUEST – 130 WATERLINE ROAD – LAKE BOWEN

On April 23, 2022, the adjoining property owner applied to install an additional PWC lift next to an existing PWC lift connected to a permitted floating dock. Watershed staff evaluated the request and determined that because the property owner has two marine structures, the request to install an additional PWC lift would be considered non-conforming to the current Lake Bowen Policies and Procedures that states: “Contiguous landowners may only have one marine structure for each qualifying parcel they own.” The application to install the additional PWC lift was disapproved.

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On May 5, 2022, the adjoining property owner submitted a written request for a variance of the Standard Specifications of the Lake Bowen Policies and Procedures for a marine structure regarding the contiguous landowners having only one marine structure for qualifying parcel requirement.

The adjoining property owner participated in the Press Pause Program and has either a License or Permit to maintain ownership of both docks. In addition, the owner has approximately 360 feet of shoreline and the installation of an additional PWC lift would not impede access, create a safety concern, or have a negative impact on water quality.

Staff has no objections to the variance request as described above.

14. 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. Outside City Private Fire Service Agreements

(1) Meadow Creek Medical Park FS

Meadow Creek Medical Park, located at 5049 SC Highway 9 in Inman, wishes to connect a 6-inch water line to the Commission's 16-inch water line along SC Highway 9 to serve one private hydrant for the above-mentioned medical park. Wood Creek Properties of Landrum, LLC wishes to enter into an agreement for this service.

Annual Stand-by Revenue - \$446.32

B. Outside City Water Main Extension Agreements

(1) Braxton Place

Holly Drive Properties, Inc., is developing Braxton Place located off of Old Anderson Mill Road. This development will consist of 100 residential lots, approximately 1,570 linear feet of 6-inch water main,

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970 linear feet of 4-inch water main, and three hydrants. The developer will bear all costs.

(2) Pleasant Falls

Pleasant Falls, LLC is developing Pleasant Falls subdivision located off of Anderson Mill Road. This development will consist of 53 residential lots, approximately 503 linear feet of 8-inch water main; 1,015 linear feet of 6-inch water main; 754 linear feet of 4-inch water main; 191 linear feet of 2-inch water main; and two hydrants. The developer will bear all costs.

15. PERMITS ISSUED AT THE RESERVOIR

Applications have been submitted and all fees have been paid on the following Lake Agreements, associated with new construction and replacement.

- (1) Scott D. and Tonya Dobslaw**, desire to construct a hard pathway and dock on Lake Blalock.
- (2) Corey M. Staggs and Becca Laine Staggs**, desire to construct a dock on Lake Blalock.
- (3) Charles E. Gray, Under Irrevocable Trust Agreement of Ray Elmer Gray**, desires to construct a personal watercraft lift on Lake Bowen.
- (4) Tahirali H. Motiwala**, desires to construct a personal watercraft lift on Lake Bowen.
- (5) Michael D. Mahaffey and Geraldine Mahaffey**, desire to replace a dock on Lake Bowen.
- (6) Tim Mosso**, desires to construct a dock and stabilize the shoreline on Lake Bowen.
- (7) Calvin Koenig and Barbara Koenig**, desire to construct a boat lift, personal watercraft lift, and to replace a dock on Lake Bowen.

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- (8) **Nicole J. Darin**, desires to construct a personal watercraft lift on Lake Bowen.
- (9) **AGG Rentals**, desires to construct a dock and stabilize the shoreline on Lake Bowen.
- (10) **Ray A. Earnhardt**, desires to construct a personal watercraft lift on Lake Bowen.

Applications have been submitted and all fees have been paid on the following Lake Agreements, associated with acknowledgement of ownership.

- (1) **Ilya M. Apanovich**, dock permit on Lake Bowen.
- (2) **Todd A. Picou**, dock replacement and shoreline stabilization on Lake Bowen.
- (3) **William Weston**, hard pathway and dock on Lake Bowen.
- (4) **Yuen K. Li**, shoreline stabilization, boat lift, and dock on Lake Bowen.
- (5) **Christopher A. Fearing**, soft pathway, shoreline stabilization, and dock on Lake Bowen.

16. NEGOTIATIONS AND MISCELLANEOUS ADMINISTRATIVE MATTERS