

MINUTES

Spartanburg Sanitary Sewer District Commission, Regular Meeting, held at 200 Commerce Street, Spartanburg, SC, June 28, 2022, at 2:15 p.m.

Copies of the agenda were forwarded to the following news media: 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.

Commissioners present were Mses. Barnes and Viney and Messrs. Blanton, Horton, Littlejohn, Montgomery, and Rice. No one was absent.

The meeting was opened with the following statement:

This is a regular meeting of the Spartanburg Sanitary Sewer District Commission. 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 mailed to local and nearby news media, at least 24 hours prior to this meeting.

1. PRAYER

Mr. Blanton called the meeting to order and Mr. Walden opened with a prayer.

Mr. Blanton welcomed Guy Boyle, the new Chief Executive Officer of Spartanburg Water, as an observer at the meetings.

2. APPROVAL OF MINUTES OF THE REGULAR MEETING OF JUNE 28, 2022

Mr. Montgomery moved and Mr. Horton seconded the motion to approve the minutes as written. The motion passed unanimously.

3. MONTHLY FINANCIAL REPORT

Newt Pressley presented a financial summary of SSSD expenditures and revenues for the eleven-month period ending May 31, 2022. An explanation was provided for the favorable and unfavorable budget variances.

The above was provided as information to the Commission.

4. WASTEWATER TREATMENT CHEMICALS BID

An online reverse auction event was held on May 5, 2022, in order to obtain pricing for wastewater treatment chemicals for the Spartanburg Sanitary Sewer District wastewater treatment facilities. Seven vendors participated in the event. The pricing submitted is for the contract term July 1, 2022-June 30, 2023, and is subject to review after six months. The results of the event are tabulated below.

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	Chloride	Chloride Dry Granular	Sodium Hydrox 20%	Sodium Hydrox 50%	Sodium Hydrox Bulk 20%	Sulfur Dioxide	Polymer Liquid	Lime Slurry	Sodium Hypochlorite 12%	Sodium Bisulfite 38%
<i>Estimated Annual Usage</i>	100 Tons	16,000 lbs.	50 Drums	50 Drums	500,000 lbs.	50 Tons	200,000 lbs.	1,500,000 lbs.	220 Drums	110 Drums
<i>Unit of Measure</i>	Ton	Per 100 Pounds	Drum	Drum	Pound	Tons	Pound	Pound	Drum	Drum
Univar Solutions USA			\$186.00	\$296.00	\$0.1537				\$189.00	\$266.00
Chemrite, Inc.		\$210.00								
JCI Jones Chemicals	\$2,500.00				\$0.1534	\$1,500.00				
Water Guard, Inc									\$185.00	\$260.00
Environmental Specialties							\$1.828			
Atlenco							\$1.830			
Polytec, Inc								\$0.06		

Management recommended awards to the responsive bidders for those products indicated on the bid tabulation summary. Funding will be provided through the annual operating budget.

Remsen Parrish provided the Commission with an overview of the Wastewater Treatment Chemicals Bid agenda item and the online reverse auction process. The pricing submitted for July 1, 2022–June 30, 2023, is subject to review after six months. These bids represent a 75% increase in costs. SSSD was recently less impacted by rising costs due to contracts already in place.

Mr. Pressley advised there was a budget adjustment of \$300,000 for the rising costs of chemicals.

Ms. Barnes asked if there were alternative methods of treatment to reduce costs. Rick Jolley advised there are alternative methods; for example, UV treatment, but additional equipment costs for that process would not result in a cost savings. Mr. Parrish added that the number of vendors have decreased, which also caused price increases.

Ms. Viney asked if power usage is a big cost for UV treatment, would it be possible to use solar power to decrease these costs. Mr. Jolley stated there would be additional equipment for the UV treatment process and that would increase power usage, which would make using solar power more difficult.

Mr. Horton moved and Ms. Barnes seconded the motion to approve management’s recommendation to approve awards to the responsive bidders for those products indicated on the bid tabulation summary. The motion passed unanimously.

5. HVAC SYSTEM FOR COLLECTION AND DISTRIBUTION FIELD OPERATIONS BUILDING

Proposals were received on 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

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requires a more efficient temperature control system than what is currently in place.

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 contractors. 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 contractor being selected for the highest scoring proposal.

Management recommended 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 SSSD and SWS capital funds as follows: SSSD - \$46,925; SWS - \$64,800.

Ms. Barnes moved and Mr. Littlejohn seconded the motion to approve management’s recommendation to award the bid to Waldrop Mechanical Services at a cost of \$111,725. The motion passed unanimously.

6. SSSD WASTEWATER CONSTRUCTION SERVICES – REQUEST FOR QUALIFICATIONS

Qualifications were received on April 28, 2022, in response to a Request for Qualification (RFQ) that will allow SSSD to compile a list of pre-qualified contractors to rehabilitate or repair collection system mainlines and creek crossings for emergency repair. There are a number of areas where collection system lines and crossings span creeks and tributaries and are in need of repair due to age or storm damage. The pre-qualified contractors will be called upon to submit competitive bids and/or proposals when work is scheduled by the Engineering Department, and the 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.

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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 recommended approval of each of the following respondents as pre-qualified contractors that SSSD will use to rehabilitate or repair.

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 were solicited from each of the four pre-qualified contractors on an as-needed basis for a period not to exceed 24 months. Funding is available from SSSD collection system rehab funds and capital funds, depending on the application.

Mr. Parrish discussed the bid process of the four pre-qualified contractors.

Mr. Littlejohn moved and Ms. Viney seconded the motion to approve management’s recommendation to approve each of the four pre-qualified contractors on an as-needed basis for a period not to exceed 24 months. The motion passed unanimously.

7. COWPENS WWTF FACILITY EVALUATION AND IMPROVEMENTS PROJECT – SUMMARY CHANGE ORDER

The Cowpens WWTF Facility Evaluation and Improvements Project is complete. The Progressive Design Build (DB) alternative delivery process was selected for the Cowpens WWTF project since this method was successful in other recent Capital Improvements Projects. After an extensive selection process that began during mid-2018, the project was awarded to the DB team of Crowder Construction and Constantine Engineering during the February 2019 Commission meeting in the amount of \$430,000.

A \$500,000 grant application was submitted to and awarded by the South Carolina Rural Infrastructure Authority during the Design Phase of the project. This was the first alternative delivery type project to receive this type of grant funding.

The Design Phase of the project included multiple stakeholder meetings with Crowder Construction, Constantine Engineering, and SSSD Operations and Engineering personnel. This process resulted in 90% design drawings being approved, a SCDHEC Construction Permit issued, and a Guaranteed Maximum Price (GMP) for construction being presented by the DB Team. The DB team was awarded the Construction Phase of the project for a GMP of \$8,172,789, which was approved at the June 2020 Commission meeting. Construction of the project included the following upgrades to the WWTF:

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- Construction of a new headworks to include state of the art screenings and grit-removal equipment;
- Conversion of one aeration basin to sludge holding and repairs to the concrete linings in both existing basins;
- Construction of two new 60-foot diameter final clarifiers to replace the existing smaller, shallower units;
- Repurposing of one of the existing final clarifiers into a chlorine contact chamber (CCC) and appropriate modifications to the existing CCC;
- Construction of a new Return Activated Sludge (RAS) / Waste Activated Sludge (WAS) building with new piping, pumps and controls;
- Upgrade of the existing facility's controls and instrumentation;
- Electrical upgrades so that the entire WWTF will operate on auxiliary power in the event of an outage;
- Miscellaneous site piping and other improvements.

One of the unique features of the Progressive Design Build process is that there are financial incentives for the DB team to identify cost-saving opportunities during the entire design build process without sacrificing any of the design engineer's intent or functionality of the project. As a result of the DB team's cost-saving efforts, and input from the SSSD stakeholders, funds were made available for additional improvements that had not originally been part of the project scope. These improvements included:

- The installation of an electrically-operated rolling gate at the plant entrance;
- The installation of solar-powered security lights (which also provided the added benefit of electrical power savings);
- Eliminating an unused sludge drying bed that allowed widening a portion of the paved perimeter road for improved delivery truck access;
- Filling in the unused original clarifier #1 and paving over that area for additional parking spaces for the plant operators;

As noted below, these additional improvements were completed while the final cost of the project remained significantly below the original GMP. Also, the Cowpens WWTF personnel continued to operate the plant, and consistently maintained the effluent within permit limits during the 1 ½-year construction process.

Change order No. 1 - was an amendment to the Design Build contract that reflected the Guaranteed Maximum Price of \$ 7,742,789.00 to pay for the Construction Phase of the project.

Change order No. 2 - was a time extension of 40 days based on 21 documented rain days and 19 days for delays related to unplanned repairs to concrete at the South Aeration Basin.

Change order No. 3 - was a time extension of 45 days based on 37 documented rain days and 8 days for delays related to unplanned repairs to concrete at the North Solids Holding Basin.

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Change order No. 4 - was a time extension of 31 days based on documented rain days.

Change Order No. 5 - (Summary) was a net decrease of \$586,329.86 in the contract price for adjustment based on the actual work done.

These change orders were executed as per current District policy.

The Financial summary of the project construction is as follows:

Original Contract Price (Design Only) -	\$ 430,000.00
Change Order No.1 (Construction Phase) -	\$7,742,789.00
Change Order No.2 -	No Change
Change Order No.3 -	No Change
Change Order No.4 -	No Change
Change Order No.5 (Summary) – additions and deductions to original quantities based on actual construction	<u>(\$ 586,329.86)</u>
Revised Contract Price	\$7,586,459.14

Gene Jackson discussed the Design Phase and the features of the Progressive Design Build process. Additional improvements were completed, while the final cost of the project remained significantly below the original GMP. Also, the Cowpens WWTF personnel continued to operate the plant and consistently maintained the effluent within the permit limits during the 1 ½-year construction process.

The above was provided as information to the Commission.

8. OWNERSHIP AGREEMENT – BRAXTON PLACE

Holly Drive Properties, Inc., proposes to construct approximately 2,790 linear feet of 8-inch gravity sewer line to provide service to 100 residential lots in Braxton Place located off of Old Anderson Mill Road. The sewer line will connect to the existing SSSD infrastructure. The domestic waste will be treated at the Lower North Tyger River Wastewater Treatment Facility. SSSD will participate in the off-site sewer construction cost in accordance with the Sewer Extension Policy adopted December 17, 1996.

The line will be constructed according to District-approved plans and specifications, with District inspection provided. The owner will provide all necessary right-of-way and easement agreements for this project. The form of the agreement transferring ownership of the gravity sewer to the District has been reviewed by the District’s attorney and executed by Holly Drive Properties, Inc. Under the terms of the resolution adopted by the Commission on May 29, 1990, this agreement has been executed on behalf of the Commission by the Chief Executive Officer.

The above was provided as information to the Commission.

9. OWNERSHIP AGREEMENT – SMITH FARMS INDUSTRIAL PARK PHASE 3

Red Rock Investment Partners, LLC proposes to construct approximately 3,320 linear feet of 8-inch gravity sewer line and a pump station to provide service to a large commercial tract in the Smith Farms Industrial Park Phase 3 located off Reidville Road near Highway 101. The sewer system will also serve a larger drainage basin outside the Smith Farms tract. Once the road and utility construction is completed, the developer plans to subdivide the tract into multiple parcels for individual warehouse buildings. The sewer line will connect to the existing SSSD infrastructure. The domestic waste will be treated at the South Tyger River Wastewater Treatment Facility. The developer will bear all costs.

The line will be constructed according to District-approved plans and specifications, with District inspection provided. The owner will provide all necessary right-of-way and easement agreements for this project.

The form of the agreement transferring ownership of the gravity sewer to the District has been reviewed by the District’s attorney and executed by Red Rock Investment Partners, LLC. Under the terms of the resolution adopted by the Commission on May 29, 1990, this agreement has been executed on behalf of the Commission by the Chief Executive Officer.

The above was provided as information to the Commission.

10. OWNERSHIP AGREEMENT – TREEMONT COMMONS

Mark III Properties, LLC proposes to construct approximately 8,661 linear feet of 8-inch gravity sewer line to provide service to 248 residential lots and an Amenity Center in Treemont Commons located off of John Dodd Road. The sewer line will connect to the infrastructure that is being constructed by a separate developer as part of the Cleveland Meadows Subdivision. The domestic waste will be treated at the Lower North Tyger River Wastewater Treatment Facility. The developer will bear all costs.

The line will be constructed according to District-approved plans and specifications, with District inspection provided. The owner will provide all necessary right-of-way and easement agreements for this project.

The form of the agreement transferring ownership of the gravity sewer to the District has been reviewed by the District’s attorney and executed by Mark III Properties, LLC. Under the terms of the resolution adopted by the Commission on May 29, 1990, this agreement has been executed on behalf of the Commission by the Chief Executive Officer.

The above was provided as information to the Commission.

11. NEGOTIATIONS AND MISCELLANEOUS ADMINISTRATIVE MATTERS

A. Mr. Blanton noted the Annual Industrial Users 100% Compliance Awards Luncheon was held on June 21, and the participants were appreciative of their recognition.

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- B.** Mr. Pressley advised Spartanburg Water will participate in the United Way “Stuff the Bus” campaign from June 17 – July 20 to benefit elementary and middle school students. The United Way Campaign kick off will be on August 24.
- C.** The Voice of Business Brunch by OneSpartanburg will be held on July 25.
- D.** Employers Network’s 2022 Annual Meeting will be held on Friday, August 12, from 7:29 a.m. – 9:15 a.m., at the 1881 Event Hall, located at 805 Spartanburg Boulevard. Breakfast will be served.
- E.** BMW Supplier Diversity Event will be September 1 from 12:00 p.m. – 5:00 p.m.
- F.** Spartanburg Water will support the Dray’s Dog Dash 5K on September 10, a dog-friendly race, located at Drayton Mills with Choose Tap coolers and water bottles. This race helps raise funds for the Hub City Animal Project.
- G.** Spartanburg Water will support the 2022 Chapman Cultural Center “Soaring” Kite Festival on October 8 with the Choose Tap Oasis in Barnet Park.
- H.** The WEFTEC Conference will be held October 8-12 in New Orleans, LA.
- I.** Mr. Blanton asked Mayor Rice to share about “Miles with the Mayor”. Mayor Rice shared that the one-mile walk is held every third Saturday of the month at 8:00 a.m. More information can be found on the www.cityofspartanburg.org website.

Meeting adjourned at 2:48 p.m.

G. Newton Pressley
Secretary-Treasurer

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