

## **AGENDA**

### **SPARTANBURG SANITARY SEWER DISTRICT COMMISSION**

#### **REGULAR MEETING**

**MEETING PLACE: 200 Commerce Street**

**Tuesday, June 28, 2022, 2:15 p.m.**

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 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. PRAYER**
- 2. APPROVAL OF MINUTES OF JOINT EXECUTIVE SESSION MEETING OF MAY 24, 2022 AND REGULAR MEETING OF MAY 24, 2022**
- 3. MONTHLY FINANCIAL REPORT**

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

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

Funding will be provided through the annual operating budget.

**5. 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.

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.

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

**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

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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 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 will be 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.

**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.

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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:

- 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;

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- 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.

*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:

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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

The above is 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 is 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

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Phase 3 located off of 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 is 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



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Commission on May 29, 1990, this agreement has been executed on behalf of the Commission by the Chief Executive Officer.

The above is provided as information to the Commission.

**11. NEGOTIATIONS AND MISCELLANEOUS ADMINISTRATIVE MATTERS**