

CLAYTON COUNTY WATER AUTHORITY
Regular Board Meeting
1600 Battle Creek Road
Morrow, GA 30260
May 5, 2016

Present at the meeting were: Chairman John Chafin, Vice Chairman Rodney Givens, Secretary/Treasurer John Westervelt, Board Member Marie Barber, Board Member Elizabeth G. Armstrong, Board Member Dr. Cephus Jackson, Board Member Robin Malone, General Manager Mike Thomas, Assistant General Manager Jim Poff, Assistant General Manager Bernard Franks, Legal Counsel Steve Fincher, Executive Coordinator Amanda LaPierre, other CCWA staff and visitors.

Chairman John Chafin called the meeting to order at 1:30 p.m.

Invocation

Robin Malone introduced Chief Maintenance Technician Robert Rhew to give the invocation.

Adoption of Agenda

UPON MOTION by Marie Barber and second by Dr. Cephus Jackson, to adopt the agenda, it was unanimously

RESOLVED to approve the agenda as proposed.

Approval of Minutes

Chairman John Chafin called for any omissions or additions to the Amended Board Meeting minutes of March 3, 2016, Called Board Meeting minutes of March 31, 2016, Called Board Meeting minutes of April 1, 2016, Board Meeting minutes of April 7, 2016 and Senior Citizen Rate Committee Meeting minutes of April 21, 2016.

UPON MOTION by Dr. Cephus Jackson and second by John Westervelt, it was unanimously

RESOLVED to approve the Amended Board Meeting minutes of March 3, 2016, Called Board Meeting minutes of March 31, 2016, Called Board Meeting minutes of April 1, 2016, Board Meeting minutes of April 7, 2016 and Senior Citizen Rate Committee Meeting minutes of April 21, 2016.

Financial and Statistical Reports

Finance Director Allison Halron reviewed the financial information distributed to the Board for the period ending March 31, 2016.

Recognition

Clayton County Science Fair Awards. Assistant General Manager Jim Poff recognized two local students whose water-related science fair projects were selected for the Authority's Water Environment Research Award. Anthony Griffin, from Rex Middle School and Kennedy Hood, from Elite Scholars Academy were each presented certificates, trophies and a \$25 gift card to Barnes & Noble.

New Business

SCADA Task Orders Recommendation: General Services Manager Marshall Maddox presented a recommendation on SCADA Task Orders #2 and #3.

Task Order 2 – Bristol RTUs Upgrades

CCWA currently has numerous sites in our water distribution system that operate on Bristol Babcock 3305 RTUs which are now obsolete. MR Systems will replace the 14 existing Bristol RTUs with Allen-Bradley MicroLogix 1400 PLC based RTUs. One advantage for using a MicroLogix 1400 is that CCWA staff is already familiar with the PLC and programming software which will make it easier to maintain and troubleshoot. The current Bristol RTUs also have obsolete MDS 9810 radios. MR Systems will replace these radios with MDS Orbit radios which will allow for Ethernet communications from the MicroLogix PLCs back to each Water Plant. All existing Bristol RTU enclosures will be reused and MR Systems will provide factory wired and tested subpanels in place of the existing Bristol subpanels. The new subpanels will have all required components such as MicroLogix PLC, MDS Orbit radio, Ethernet switch, analog surge arrestors, interposing relays, and terminal blocks. This recommendation covers the estimate for services for Task Order #2.

To avoid bringing the existing Bristol telemetry system down, new antenna hardware and cabling will be added to 3 repeater sites to allow for both the new and old system to run simultaneously as the new system is brought online one site at a time. Two (2) additional Thin Clients and monitors will be provided for Casey WRF for installation at the Lab and Raw Water Pump Station to allow for SCADA access from these locations.

Services for Task Order #2 will be provided over approximately 8 months from the date the Task Order is executed. The proposed project task durations are detailed in the table below. The Task Order budget is \$173,105.90 and the funding source is the R&E Fund.

Task	Months											
	1	2	3	4	5	6	7	8	9	10	11	12
Task 1 – Initialization												
Task 2 – Submittals												
Task 3 – Procurement and Development												
Task 4 – Startup												
Task 5 – Closeout												

Task Order #3 – Missions Communications on Unmonitored Sites

MR Systems will provide 19 new M802 Mission Units for various sites along with installation and startup services so that these sites can be monitored from the SCADA system. The new M802 units will be provided with the same options such as NEMA4X enclosure and Wet Well module to match the existing M802 units that CCWA currently have. Each of these units will be provided with 1 year of pre-paid service. MR Systems will also integrate 9 existing Mission Unit sites with the respective SCADA system. Each new and existing Mission Unit site will have a 3-dimensional screen representing equipment at the site along with animation of pumps and levels. The Lift Station sites will also be configured and tested in the Win911 software for alarm notification to CCWA personnel.

A one year Rockwell TechConnect Support Contract will be provided to update CCWA’s Rockwell programming software and licenses for PLCs and operator interfaces throughout their system. TechConnect allows CCWA to download software and firmware updates and provides access to Rockwell online troubleshooting and 24x7x365 support.

Services for Task Order #3 will be provided over approximately 7 months from the date the Task Order is executed. The proposed project task durations are detailed in the table below. The budget for this task order is \$262,850.50 and the funding source is the R&E fund.

Task	Months											
	1	2	3	4	5	6	7	8	9	10	11	12
Task 1 – Initialization												
Task 2 – Submittals												
Task 3 – Procurement and Development												
Task 4 – Startup												
Task 5 – Closeout												

Recommendation:

CCWA Staff recommends the award of Task Orders #2 and #3 to MR Systems under our Master Service Agreement based on estimated time, hourly rates and materials to MR Systems for the amounts shown below.

- Task Order #2 \$173,105.90
- Task Order #3 \$262,850.50
- TOTAL \$435,956.40

UPON MOTION by John Westervelt and second by Dr. Cephus Jackson, it was unanimously

RESOLVED to approve staff's recommendation to award SCADA Task Orders #2 and #3 to MR Systems under the current Master Service Agreement at a total cost of \$435,956.40.

Cured-In-Place Pipe Rehabilitation Bid Recommendation: Stormwater Program Manager Kevin Osbey presented a recommendation on the Cured-In-Place Pipe Rehabilitation Bid.

CIPP Bid Tabulation

CONTRACTOR	Total Bid Amount	SLBE Bid Discount	Revised Bid Amount
Layne Inliner	\$3,585,781.50	7.5%	3,316,847.89
Insituform Technologies	\$5,966,639.00	10%	5,369,975.10

Recommendation:

Staff recommended awarding the bid to Layne Inliner as the Primary Contractor and to Insituform Technologies as the back-up contractor for pipe sizes of 12 inches or smaller where their bid prices are more comparable.

Upon Board approval, this contract will be in effect for a period of one year starting June 1, 2016. Staff also recommended that this contract be extendable for a 2nd and/or 3rd year at the same terms and conditions.

UPON MOTION by Marie Barber and second by John Westervelt, it was unanimously

RESOLVED to approve staff's recommendation to award the bid for Cured-In-Place Pipe Rehabilitation to Layne Inliner as the primary contractor and Insituform Technologies as the back-up contractor for pipe sizes 12 inches or smaller.

Flint River Sewer Outfall Phase 1B Replacement Bid Recommendation: Program Management & Engineering Manager Kelly Taylor presented a recommendation on awarding the bid for the Flint River Sewer Outfall Phase 1B Replacement project.

Bids received are summarized below:

Bids Received	Total Bid Amount	Proposed Utilization	SLBE
John D. Stephens, Inc.	4,726,156.80	1.7%	
Rockdale Pipeline, Inc.	5,140,027.46	15.0%	
Strack, Inc.	5,266,931.00	3.7%	
Layne Heavy Civil, Inc.	6,619,783.00	0.0%	
Garney Companies, Inc.	6,775,548.00	9.7%	
Site Engineering, Inc.	Non-Responsive		
Ruby-Collins, Inc.	Non-Responsive		

Recommendation:

Staff recommended awarding to John D. Stephens, Inc. based on the Total Bid Amount of \$4,726,156.80.

UPON MOTION by Dr. Cephus Jackson and second by Marie Barber, it

FAILED to approve staff's recommendation to award the bid for Construction Services of the Flint River Sewer Outfall Phase 1B Replacement project to John D. Stephens. In favor: John Chafin, Marie Barber and Dr. Cephus Jackson. Opposed: Rodney Givens, John Westervelt, Elizabeth G. Armstrong and Robin Malone.

UPON MOTION by Rodney Gives and second by Marie Barber, it was unanimously

RESOLVED to reconsider approving staff's recommendation to award the bid for Construction Services of the Flint River Sewer Outfall Phase 1B Replacement project to John D. Stephens.

UPON MOTION by John Westervelt and second by Marie Barber it was unanimously

RESOLVED to table the vote to approve staff's recommendation to award the bid for Construction Services of the Flint River Sewer Outfall Phase 1B Replacement project to John D. Stephens until the June 2, 2016 Board Meeting.

Jester's Creek Sewer Outfall Rehabilitation Update: Program Management & Engineering Department Manager Kelly Taylor presented an update on the Jesters Creek Sewer Outfall Rehabilitation project.

In March of this year after several rain events, a portion of the sewer line collapsed which caused a sinkhole off of the right-of-way at Tara Boulevard and Museum Circle. This project was under design at the time and due to the collapse, CCWA moved forward with a portion of the project to begin replacing the sewer line. Our annual services contractor,

Hall Construction, was used to establish bypass pumping of flows that were blocked from the collapse and began replacing the pipe.

The Figure below shows the current phase of work (phase 1) and two other phases. The total estimate for Phase 1 and 2 is \$2.1 million. Phase 1 was budgeted for \$714,478.55 and is currently 50.2% spent. Hall Construction is completing restoration activities along the open cut portion of Phase 1 (west of Tara Boulevard). Our cured in place pipe (CIPP) annual services contractor, Layne Inliner, will be lining the pipes crossing under Tara Boulevard and Main Street and that work should be complete within four weeks.

Recommendation:

We would like to proceed with Phase 2 with our annual services contractor due to the deterioration of the pipe and will provide an estimate for this work at the Board Meeting. Phase 3, the portion west of Tara Boulevard, has several construction challenges. There is a mobile home park that covers this area and there are multiple locations where mobile homes sit directly over or very near the sewer line. The pipe needs to be replaced with open cut methods and will require several mobile homes to be moved. The pipe is in such poor condition that a collapse could happen at any time. CCWA has easements that give us the authority to maintain the pipe. CCWA staff is in contact with the property owners and will emphasize the importance of assisting CCWA in relocation of mobile homes in an expeditious manner.



UPON MOTION by Rodney Givens and second by Elizabeth G. Armstrong, it was unanimously

RESOLVED to approve staff's recommendation to proceed with Phase 2 of the Jester's Creek Sewer Outfall Rehabilitation project using the current annual services contractor.

Senior Citizen Rate Discount Recommendation: Customer Accounts Director Teresa Worley presented a recommendation on a Senior Citizen Rate Discount.

Recommendation:

- Offer Senior Citizen Discount to customers over 65 with a combined household income of \$25,000 or less.
- Customers must qualify for the program by showing proof of age and income.
- Clayton County Community Services will determine if a customer is qualified. (cost of \$20 per qualification)
- Qualified customers will receive \$2.50 off the water base rate and \$2.50 off the sewer base rate.

- The annual cost of the program will be approximately \$180,000 if fully utilized.
- The fees and royalties earned from the alliance with Gas South can be used to offset the cost of this program.
- The discount will be offered as long as funds are available from the Gas South partnership to cover the cost. Additional funding sources such as a potential pipeline warranty program will also be evaluated.

UPON MOTION by Marie Barber and second by Dr. Cephus Jackson, it was unanimously

RESOLVED to approve staff's recommendation to offer a Senior Citizen Discount to qualifying customers over 65 years of age to equal \$2.50 off of the water base rate and \$2.50 off of the sewer base rate. Clayton County Community Services will determine if a customer qualifies for the program and funding will be provided by the current CCWA alliance with Gas South.

July Board Meeting Date Recommendation: General Manager Mike Thomas presented a recommendation on rescheduling the July 7, 2016 Board Meeting date to June 30, 2016 due to the July 4th holiday.

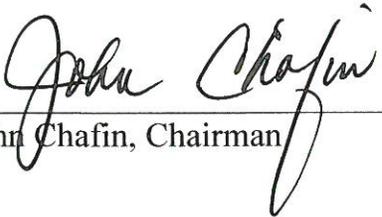
UPON MOTION by Dr. Cephus Jackson and second by Marie Barber, it was unanimously

RESOLVED to reschedule the July 7, 2016 Board Meeting to June 30, 2016.

Adjourn

UPON MOTION by Elizabeth G. Armstrong and second by Rodney Givens it was unanimously

RESOLVED to adjourn the Board Meeting at 2:46 p.m., there being no further business to come before the Board of Directors.



John Chafin, Chairman



John Westervelt, Secretary/Treasurer