

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

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

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

Invocation

Vivian Baldwin introduced Account Service Representative Joshua Wood to give the invocation.

Adoption of Agenda

UPON MOTION by Dr. Cephus Jackson and second by Rodney Givens, 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 Regular Board Meeting Minutes of August 3, 2017.

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

RESOLVED to approve the Regular Board Meeting Minutes of August 3, 2017.

Financial and Statistical Reports

Finance Director Allison Halron reviewed the financial information distributed to the Board for the period ending July 31, 2017. Information only, no action taken.

New Business

Auditor's Report: Finance Director Allison Halron and Meredith Lipson of Mauldin and Jenkins presented the Auditor's Report for the Fiscal Year Ended April 30, 2017. Information only, no action taken.

Shamrock and Blalock Water Quality Improvements Task Order Amendment: Program Management and Engineering Manager Kelly Taylor presented a recommendation on the Shamrock and Blalock Water Quality Improvements Task Order Amendment.

The Terry R. Hicks Water Production Plant (WPP) is fed by Blalock Reservoir and the J.W. Smith Reservoir. CCWA has had periodic issues with taste and odor events based on the water quality in the Blalock Reservoir. When these issues occur, only the J.W. Smith Reservoir is used as the source water for the Hicks WPP. Understanding the potential sources of taste and odor compounds is important and will allow CCWA to refine/develop reservoir management operations for future events.

The existing task order needs to be amended to provide for additional field investigation, a feasibility analysis and detailed design of an air lift system.

Recommendation:

CCWA staff recommended awarding the Shamrock and Blalock Water Quality Improvements Task Order Amendment to CH2M in the amount of \$65,414.00.

UPON MOTION by Rodney Givens and second by Dr. Cephus Jackson, it was unanimously

RESOLVED to award the Shamrock and Blalock Water Quality Improvements Task Order Amendment to CH2M for the total amount of \$65,414.00. This includes the Bidders meeting risk management requirement and executing the contracts as well as authorizing the General Manager to sign the contracts.

State Highway 54 Widening Project Summary: Program Management and Engineering Manager Kelly Taylor presented a summary of the State Hwy 54 Widening Project. Information only. No action taken.

General Pipe Work Bid Recommendation: Stormwater Program Director Kevin Osbey presented a recommendation on the General Pipe Work Bid.

To repair, maintain, and/or replace the nearly 3,400 miles of water, sewer, and stormwater infrastructure within CCWA's service area, our staff supplements our internal workforces by the use of experienced and qualified Licensed Utility Contractors. In order to accomplish the numerous tasks associated with this work, CCWA staff prepared a bid package that incorporates over 500 items as shown on the unit price attachment.

Contractor	Total Bid Summary	CCWA SLBE Vendor	SLBE Bid Summary
Don Hall Construction <i>Hampton, GA</i>	\$696,120.00	Yes (10%)	\$626,508.00
Construction 57, Inc. <i>Clarkston, GA</i>	\$1,077,985.50	Yes (7.5%)	\$997,136.59
Kiewit Infrastructure South <i>Peachtree City, GA</i>	\$1,626,893.30	No	\$1,626,893.50
Site Engineering <i>Atlanta, GA</i>	\$2,335,198.50	No	\$2,335,198.50

Clayton County Water Authority
Annual Contract for General Pipe Work
Bid Tabulation - Unit Pricing

June 2017

No.	Item No.	Work Item	Detail	Unit	CONSTRUCTION 57	DON HALL CONST	KIEWITT	SITE ENGINEERING
					Unit Cost	Unit Cost	Unit Cost	Unit Cost
1	C-MOB-00009	Mobilization	Low boy Service	EA	1,000.00	500.00	4,881.70	17,500.00
2	C-MOB-00008	Mobilization	Emergency	EA	1,000.00	1,800.00	6,508.90	25,000.00
3	C-BND-00003	Performance and Payment Bonds	For Project Work Orders of \$100,000 to \$125,000	EA	3,000.00	1,800.00	3,550.70	5,000.00
4	C-BND-00004		For Each Additional \$25,000 Increase	EA	750.00	360.00	2,017.40	500.00
	C-TC-00001	Traffic Control County Road	Lane Closures - Up to 4 hours / per day	EA	575.00	750.00	1,452.60	1,500.00
	C-TC-00002		Lane Closures - Greater than 4 hours / per day	EA	950.00	950.00	1,452.60	1,700.00
	C-TC-00004		Road Closure - Up to 4 hours / per day	EA	600.00	600.00	1,452.60	3,500.00
8	C-TC-00005		Road Closure - Greater than 4 hours / per day	EA	1,100.00	850.00	1,452.60	3,500.00
9	C-TC-00007	Traffic Control State Road	Lane Closures - Up to 4 hours / per day	EA	1,200.00	750.00	1,452.50	1,500.00
10	C-TC-00008		Lane Closures - Greater than 4 hours / per day	EA	1,200.00	950.00	1,452.50	1,700.00
11	C-TC-00010		Road Closure - Up to 4 hours / per day	EA	1,200.00	600.00	1,452.50	3,500.00
12	C-TC-00011		Road Closure - Greater than 4 hours / per day	EA	1,200.00	850.00	1,452.50	3,500.00
13	C-ESC-00001	Construction Exit		EA	500.00	500.00	807.00	1,500.00
14	C-ESC-00002	Sediment Barrier Installation	Silt Fence - Type A	LF	2.00	2.50	2.90	1.00
15	C-ESC-00004		Silt Fence - Type C	LF	3.75	3.50	3.20	3.00
16	C-ESC-00007		Hay Bale	LF	5.00	5.00	8.10	5.00

Recommendation:

CCWA staff recommended awarding the Annual General Pipe Work Services bid to Don Hall Construction as the primary contractor and to Construction 57, Inc. along with Kiewit Infrastructure South as backup contractors for the bid prices provided. This award is contingent upon the Bidders meeting risk management requirement and executing the contracts as well as the Board authorizing the General Manager to sign the contracts

UPON MOTION by Robin Malone and second by Marie Barber, it was unanimously

RESOLVED to award the General Pipe Work Bid to Don Hall Construction as the primary contractor and to both Construction 57, Inc. and Kiewit Infrastructure South as backups to the primary contractor at the bid prices provided for a term of one year with the option to renew for a second and third year at the same terms and conditions. This includes the

Bidders meeting risk management requirement and executing the contracts as well as authorizing the General Manager to sign the contracts.

CCWA Uniform Recommendation: General Services Manager Marshall Maddox presented a recommendation on the annual CCWA Uniform Purchase.

Clayton County Water Authority places one annual uniform and tee-shirt order for the company. Each year we have a uniform order day when the vendor brings samples of the tee-shirts and uniforms so employees can be fitted. There are also orders placed throughout the year for new hires and replacements. The price quoted for each item will be valid for the entire year with no changes in cost. There are approximately 270 uniformed employees who receive an allotment to purchase uniforms in the amount of \$215.00 each per year, totaling an annual cost of \$58,050.00.

<u>Vendor</u>	<u>Grand Totals on Item</u> <u>Quantities ordered from 2016</u>	<u>Comments</u>
Pilgrim Mat Services (Tucker Ga.)	\$56,520.83	<ul style="list-style-type: none"> • No style changes • E-Store available after 1st bulk order • Personal delivery from uniform vendor
Unifirst (NJPA Pricing) National	\$59,664.38 (with shipping cost \$63,579.38)	<ul style="list-style-type: none"> • All items will have a style change • Will have shipping costs (not included); 201-300 = \$14.50 totaling \$3,915
Cintas (Decatur Ga.)	\$72,066.90	<ul style="list-style-type: none"> • Some style changes • E-Store available

Recommendation:

CCWA staff recommended awarded the annual Uniform Purchase to Pilgrim Mat Services for one year at the bid prices provided, at which time CCWA will submit a request for bids.

UPON MOTION by Dr. Cephus Jackson and second by Robin Malone, it was unanimously

RESOLVED to award the annual CCWA Uniform order to Pilgrim Mat Services at the bid prices provided. A request for bids will be performed at the end of one year. This includes the Bidders meeting risk management requirement and executing the contracts as well as authorizing the General Manager to sign the contracts.

Casey Polishing Plant & Solids Handling Improvement Construction Bids and Services During Construction: Water Reclamation Manager Chris Hamilton presented a recommendation on the Casey Polishing Plant & Solids Handling Improvement Construction Bids and Services During Construction.

The design phase for the W.B. Casey WRF Phosphorus Polishing Plant and Solids Thickening Upgrades Project has been completed and CCWA opened bids for the construction phase of the project on July 25th, 2017. The Casey WRF flows are currently at a level where construction of the Phosphorus Polishing Plant needs to be initiated. The existing Constructed Wetlands currently only provide 17.4 MGD of permitted discharge capacity. The new Polishing Plant will provide a permitted discharge capacity of 6.6 MGD/peak flow of 18.5 MGD and will match the Casey WRF design treatment capacity of 24 MGD. The new Polishing Plant will also provide needed capacity to handle high flow situations and meet more stringent effluent requirements for discharging flow into the Flint River. It will also replace the decommissioned Land Application System and need for additional wetland capacity. Additionally, we plan to replace the 37 year old solids thickening process with two new rotating drum thickeners, chemical feed facility and other related equipment required by the process.

Bidder	Bid Total	Bid Bond Amount	Surety Company
Crowder Construction Company 1111 Burma Dr. Apex, NC - 27539	Base Bid Total \$15,246,026.00 Alternate No. 1 <u>\$43,200.00</u> Bid Total \$15,289,226.00	5% of Bid Amount	Liberty Mutual Insurance Company
Ruby Collins Inc. 4806 Roby Collins Inc. Wright Dr. Building "B" Smyrna, Ga. 30082	Base Bid Total \$15,606,179.00 Alternate No. 1 <u>\$87,000.00</u> Bid Total \$15,690,179.00	5% of Bid Amount	The Hanover Insurance Company
P.F. Moon and Company 2207 Highway 103	Base Bid Total \$15,935,500.00 Alternate No. 1 <u>\$56,500.00</u>	5% of Bid Amount	Travelers Casualty and Surety Company of America

West Point Ga. 31833	Bid \$15,992,000.00	Total		
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Recommendation:

CCWA staff recommended awarding the bid for the Casey Polishing Plant & Solids Handling Improvements Construction to Crowder Construction Company at a total cost of \$15,289,226.00 along with awarding the bid for Services During Construction to CH2M at a cost not to exceed \$2,126,188.00.

UPON MOTION by Dr. Cephus Jackson, and with no second acquired, the motion failed.

Reeves Creek Sewer Basin Agreement with Henry County Water Authority: Assistant General Manager Jim Poff presented a recommendation on the Reeves Creek Sewer Basin Agreement with Henry County Water Authority.

Clayton County Water Authority (CCWA) had an interjurisdictional agreement with HCWA to serve an area of Henry County (see exhibit A) just west of Interstate 75 since May 1, 1986. Here is a summary of the agreement terms:

- CCWA approves new customers and charges them CCWA Impact fee
- HCWA provides water service to customers and CCWA provides sewer service.
- Customers are charged for all services on HCWA bill using HCWA sewer charges
- HCWA provides CCWA sewer usage data on monthly basis and charges a 10% administrative fee

A new agreement has been extensively revised and now includes a better spreadsheet to track sewer usage every month. The new agreement has been reviewed by HCWA and CCWA legal representatives and meets their approval.

Recommendation:

CCWA staff recommended the approval of this agreement for a 50-year term.

UPON MOTION by Marie Barber and second by Robin Malone, it was unanimously

RESOLVED to enter into a 50-year agreement with Henry County Water Authority to provide sewer service to customers in the Upper Reeves Creek Basin. This includes authorizing the General Manager to sign the contract.

Regular Board Meeting
September 7, 2017

5371

Meter Under-Registration and Meter Testing Analytics Proposal: Customer Accounts Director Teresa Worley presented a recommendation on the Meter Under-Registration and Meter Testing Analytics Proposal.

The meter is our “cash register” for the utility because it determines usage billed to customers. If a meter is not accurate, it may not capture all of the usage resulting in less revenue. To address this potential issue, staff has participated in a pilot program with Valor Water Analytics. Valor is a data analytics company focusing on the needs of water utilities. One of the products that Valor offers is a Hidden Revenue Locator.

Recommendation:

CCWA staff recommended awarding the sole source purchase of a Hidden Revenue Locator at a total cost of \$15,000.00 per quarter along with the development of a Revenue Impact Tool at a total cost of \$10,000.00 to Valor Water Analytics.

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

RESOLVED to approve the sole source purchase of the Hidden Revenue Locator from Valor Water Analytics at a total cost of \$60,000.00 per year along with the development of a Revenue Impact Measurement Tool at a total cost of \$10,000.00 with an option to renew for a second year. This includes the Bidders meeting risk management requirement and executing the contracts as well as authorizing the General Manager to sign the contracts.

Executive Session

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

RESOLVED to enter into an Executive Session in order to discuss personnel and legal matters.

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

RESOLVED to leave the Executive Session and return to open session.

Updates from the Board Members and General Manager

UPON MOTION by Dr. Cephus Jackson and second by Robin Malone it was unanimously

RESOLVED to approve the Executive Session minutes as presented.

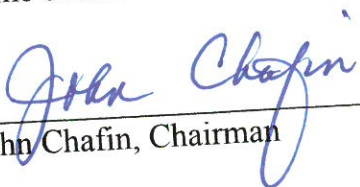
UPON MOTION by Rodney Givens and second by Dr. Cephus Jackson it was unanimously

RESOLVED to approve amendments to the W.B. Casey WRF Improvements Services During Construction Task Orders for a total amount of \$337, 574.00 (\$286,630.00 to Jacobs Engineering and \$50,944.00 to CH2M).

UPON MOTION by Rodney Givens and second by Robin Malone it was unanimously RESOLVED to approve an amendment to the Rum Creek Sewer Lift Station Rehabilitation Services During Construction Task Order with Jacobs Engineering at a total cost of \$87,719.00.

Adjourn

UPON MOTION by Dr. Cephus Jackson and second by Marie Barber it was unanimously RESOLVED to adjourn the Board Meeting at 5:05 p.m., there being no further business to come before the Board of Directors.



John Chafin, Chairman



John Westervelt, Secretary/Treasurer