

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

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

Invocation

John Chafin introduced Sr. Engineering Technician Michael Shinn to perform the invocation.

Adoption of Agenda

UPON MOTION by Dr. Cephus Jackson and second by Marie Robin Malone, to adopt the agenda as presented, it was unanimously

RESOLVED to adopt the agenda as presented. (Absent: Vivian Baldwin).

Approval of Minutes

Chairman John Chafin called for any omissions or additions to the Minutes of the Regular Board Meeting held on January 3, 2019.

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

RESOLVED to approve the Minutes of the January 3, 2019 Regular Board Meeting. (Absent: Vivian Baldwin).

Financial and Statistical Reports

Finance Director Allison Halron reviewed the financial information distributed to the Board for the period ending December 31, 2018. Information only, no action taken.

New Business

2020 Strategic Master Plan: Program Management & Engineering Manager Kelly Taylor presented a recommendation on the 2020 Strategic Master Plan.

The Clayton County Water Authority (CCWA) strives to be a “best-in-class” utility and has developed strategic master plans (SMPs) since 1960 to identify infrastructure needs and regulatory challenges to accomplish its goals. CCWA conducts master planning on a 10-year cycle, with “updates” completed on a 5-year cycle, to identify and prioritize key projects. This will be the seventh Master Plan since CCWA was created in 1955.

The 2020 SMP will be the comprehensive guide in continuing to achieve CCWA's goal of high-quality service and sustainability. The scope of services outlined in the task order will support CCWA in identifying and prioritizing the strategies and projects that will position CCWA as a best-in-class utility in each of the areas that have the greatest need. The outcome of this plan will help CCWA increase the efficiency of operations while maintaining high quality service to its customers.

An IT Master Plan Update was completed in conjunction with the 2015 Update of the Strategic Master Plan. This project identified some "utility-wide" technology related needs in addition to IT projects that are more internal to the department. Projects identified in the IT master plan were then rolled into the 2015 SMP. Similarly, for the 2020 SMP, CCWA will develop an IT Master Plan and incorporate the projects identified into the overall SMP.

Recommendation:

CCWA staff recommended awarding the 2020 Strategic Master Plan Task Order to Jacobs Engineering for the not to exceed amount of \$530,467.00. Staff also recommended awarding the 2020 I.T. Master Plan Task Order to PCMG for the not to exceed amount of \$100,000.00.

UPON MOTION by Marie Barber and second by Vivian Baldwin, it was

RESOLVED to award the 2020 Strategic Master Plan Task Order to Jacobs Engineering at a cost not to exceed \$530,467.00, contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the contract. In favor: John Chafin, Marie Barber, John Westervelt, Dr. Cephus Jackson, Robin Malone and Vivian Baldwin. Abstain: Rodney Givens. Motion passes.

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

RESOLVED to award the 2020 I.T. Master Plan Task Order to PCMG at a cost not to exceed \$100,000.00, contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the contract.

Taste and Odor Predictive Modeling: Program Management & Engineering Manager Kelly Taylor presented a recommendation on Taste and Odor Predictive Modeling.

CCWA began a Source Water Quality Assessment after award by the CCWA Board of Directors (BODs) in February 2016 to assess and identify recommendations to address water quality in our reservoirs. Based on the recommendations from that study, the Shamrock and Blalock Reservoir Water Quality Improvements design project was approved by the CCWA Board in April 2017. After the taste and odor event in the fall of 2017, staff accelerated the recommended activities.

The reservoir management systems currently being installed in the Shamrock, Blalock, and Hooper Reservoirs are designed to reduce algae and cyanobacteria growth and the powder

activated carbon (PAC) injection system begin installed is designed to reduce taste and odor compounds in the water and reduce T&O during peak events. The purpose of this scope of work is to leverage the water quality data that is being collected to develop predictive tools to optimize reservoir management and the use of PAC.

Taste and odor events are difficult to predict in raw water sources. The monitoring systems installed in the reservoirs provide rich data sets that can be used to recognize complex dynamic trends that cause excessive task and odor. Traditional water quality monitoring programs do not produce enough data to confidently predict T&O. The task order proposes a program of expert knowledge and machine-learning tools to recognize reservoir dynamics. Two predictive models (one per reservoir) will be developed for use in managing task and odor in the reservoirs and at the intakes.

Recommendation:

CCWA staff recommended awarding the Taste and Odor Predictive Modeling Task Order to Jacobs Engineering at a cost not to exceed \$205,000.00.

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

RESOLVED to award the Taste and Odor Predictive Modeling Task Order to Jacobs Engineering at a cost not to exceed \$205,000.00, contingent upon approval of bonds and insurance as required and to authorize the General Manager to sign the contract. In favor: John Chafin, Marie Barber, John Westervelt, Dr. Cephus Jackson, Robin Malone and Vivian Baldwin. Abstain: Rodney Givens. Motion passes.

J.D. Edwards Project Review: Director of I.T. Dan Holverson presented a review of the J.D. Edwards Project. Information only, no action taken.

NTS Equipment Replacement Recommendation: Water Reclamation Manager Chris Hamilton presented a recommendation on the replacement of NTS (Natural Treatment Systems) equipment.

The Water Reclamation Natural Treatment System maintenance staff use a compact track loader for various tasks throughout the E.L. Huie and Panhandle Road constructed wetland sites. Tasks include grading, grinding, mulching, clearing, loading and lifting. This equipment is also used around CCWA to perform other work as requested by other departments.

The existing track loader was purchased in 2008 and has fully depreciated. It also is in need of new tracks and continues to have several maintenance issues which will result in further maintenance expenses.

The new requested track loader will be outfitted with a land management package and high flow hydraulic system for operating a hydraulic mulching head for maintenance around the NTS site. The land management package consists of a mulching/grinding attachment that will be purchased separately. It also has more up to date safety features than the loader it will be replacing.

Vendor	Bid Amount	Comments	Make / Model
Yancey Brothers Company Austell, GA.	\$84,934.00	State Contract # 99999-SPD-SPD0000102-0025	Caterpillar 299D2 XHP

The Water Reclamation Natural Treatment System maintenance staff use a mid-size excavator for various tasks throughout the E.L. Huie and Panhandle Road constructed wetland sites. Tasks include grading, trenching, clearing and loading. Staff also use the excavator for removing floating vegetation from wetlands on an as needed basis. This equipment is also used around CCWA to perform other work as requested by other departments.

The existing excavator was purchased in 2000 and has fully depreciated. It has sustained over 4800 hours of use and has several maintenance issues which will result in further maintenance expenses. Having reliable equipment is vital in maintaining of CCWA's Natural Treatment Systems and keeping our staff productive.

The new requested Kubota KX080 excavator is equivalent in size to the excavator being replaced. It will have updated features such as an angle front blade, quick couple bucket, and travel alarm. It will also have a hydraulic thumb attachment and rubber tracks to accommodate travel on asphalt and concrete when needed to reduce damage to surface.

Vendor	Bid Amount	Comments	Make / Model
Atlanta Kubota Marietta, GA.	\$87,609.00	State Contract #99999-001-SPD000102	Kubota KX080
Lashley Tractor Sales Lithonia, GA.	\$92,414.93	State Contract #99999-001-SPD000102	Kubota KX080

Recommendation:

CCWA staff recommended approving the purchase of a Caterpillar 299D2 XHP Track Loader from Yancey Brothers Company for the State Contract price of \$84,934.00. Staff Also recommended approving the purchase of a Kubota KX080 Excavator from Atlanta Kubota at the State Contract price of \$87,609.00.

UPON MOTION by Dr. Cephus Jackson and second by Marie Barber, it was unanimously RESOLVED to approve the purchase of a Caterpillar 299D2 XHP Track Loader from Yancey Brothers Company for the State Contract price of \$84,934.00.

UPON MOTION by Dr. Cephus Jackson and second by Robin Malone, it was unanimously RESOLVED to approve the purchase of a Kubota KX080 Excavator from Atlanta Kubota for the State Contract price of \$87,609.00.

Stormwater Budget Revision for Capital Projects Request: Stormwater Manager Kevin Osbey presented a recommendation on a Stormwater Budget Revision for Capital Projects Request.

As part of the Stormwater Utility 2018-19 Annual Budget, \$3,273,001 was dedicated for large capital projects that directly went to replacing/renewing existing stormwater Infrastructure. Of this funding, \$1,773,001 was dedicated to activities involving the actual removal and replacement of pipe and other structures. The remaining \$1,500,000 was dedicated to trenchless technology methods such as cured-in-place pipe (CIPP).

At present Stormwater has a backlog of 46 pipe replacement jobs, with a cost estimate of \$1.5M(+/- 50%), older than 90 days. These jobs are a direct result of customer calls/complaints.

Project Line	Description	Original Budget	Funding Increase	Adjusted Budget
SW-004	Stormwater - Cured In Place Piping	\$1,500,000	\$0	\$1,500,000
SW-005	Stormwater – Remove & Replace	\$1,773,001	\$800,000	\$2,573,001

Recommendation:

CCWA staff recommended the approval of a budget revision to transfer \$800,000.00 from Stormwater Unrestricted Cash to the Stormwater Capital Projects Remove & Replace Line.

UPON MOTION by John Westervelt and second by Rodney Givens it was unanimously RESOLVED to approve a budget revision to transfer \$800,000.00 from Stormwater Unrestricted Cash to the Stormwater Capital Projects Remove & Replace Line.

Executive Session

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

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

UPON MOTION by Marie Barber and second by Dr. Cephus Jackson, 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 Marie Barber it was unanimously RESOLVED to approve the Executive Session minutes as presented.

Kelly Taylor provided an update on the Hooper Solids Improvement Project.

Steve Fincher provided an update on Sovereign Immunity.

Bernard Franks provided an update on the 2019 Budget Retreat.

Bernard Franks determined that there will be no April Board Meeting due to the Budget Retreat in late March.

Bernard Franks provided an update on the "Clean 13" Award recognition ceremony.

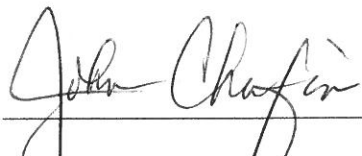

Bernard Franks provided an update on the State of the County event.

Bernard Franks provided an update on the Arts Clayton Arte Gras event.

Bernard Franks provided an update on the Clayton County Chamber of Commerce Women in Business Luncheon.

Adjourn

UPON MOTION by Dr. Cephus Jackson and second by Marie Barber it was unanimously RESOLVED to adjourn the Board Meeting at 3:45 p.m., there being no further business to come before the Board of Directors.


John Chafin, Chairman
Rodney Givens, Secretary/Treasurer