

**Minutes Of
Engineering And Maintenance Committee Meeting
Of The Water Works Board
Of The City Of Birmingham
September 21, 2020**

An Engineering and Maintenance Committee Meeting of The Water Works Board of the City of Birmingham was held Monday, September 21, 2020, at 9:00 a.m., at the Birmingham Water Works Board, 3600 First Avenue North – via electronic equipment, to discuss engineering and maintenance issues.

The following Committee members were present via roll call: Brenda J. Dickerson (Chair), Brett A. King and George Munchus. Other Board Members present who do not serve on the Committee were: William "Butch" Burbage, Jr., Deborah Clark and William R. Muhammad.

The meeting was also attended by: Michael Johnson, General Manager; Iris Fisher, Derrick Murphy and Jeffrey Thompson, Assistant General Managers; Tammy Wilson, Executive Assistant to Derrick Murphy and Jeffrey Thompson; Cynthia Williams, Board Administrator; Colandus Mason, Information Technology Manager; Marsha Hammonds, Systems Support Supervisor; Johnnie Mayfield, Industrial and Commercial Accounts Manager; Jonathan Harris, Water Treatment Manager; Rick Jackson, Public Relations Manager; Hattye McCarroll, Chief Engineer; Patrick Flannelly, ARCADIS U.S., Inc.; K Mark Parnell, Parnell Thompson Law, LLC; Brian Hamilton, Cleo Strong and Bo Lindor, A.G. Gaston Engineering, LLC; Howard Richards, S'quad Association.

Inasmuch as all Committee members were present, Committee Chair, Brenda J. Dickerson declared a quorum in attendance and called the meeting to order at 9:00 a.m. Assistant General Manager, Derrick Murphy opened the meeting with prayer. The agenda was accepted in a unanimous roll call vote, and the Committee moved through the agenda item by item.

Following, a motion was made and seconded by the Committee for discussion regarding taking bids for annual chemicals, used to treat water at the filtration plants, as set forth in agenda Item 1. Assistant General Manager, Jeffrey Thompson anticipated that due to inflation, the 2021 chemical costs may be higher, estimating them at \$6.7 million. A motion was made and seconded, and the Committee unanimously agreed to move to the Board to take bids for 2021 annual chemicals.

Next, a motion was made and seconded by the Committee for discussion regarding award of a bid to Tank Pro, Inc., for the 2020 Mulberry painting and repair of sites #2 and #3 raw water tanks containing two tanks at each location, as set forth in agenda Item 2. Director Munchus commented that it sounded like progress was being made to increase HUB subcontractor participation. A motion was made and seconded, and the Committee unanimously agreed to move to the Board to award a bid to Tank Pro, Inc.

Following, a motion was made and seconded by the Committee for discussion regarding the approval of a Scope of Services with A. G. Gaston Engineering, LLC, to provide asset management services for the Pipe Condition Assessment Pilot, as set forth in agenda Item 3. Director Munchus stated that A. G. Gaston has done good work in the community. A motion was made and seconded, and the Committee unanimously agreed to move to the Board to approve a Scope of Services with A. G. Gaston Engineering, LLC,

Next, a brief video and PowerPoint Presentation was given by Patrick Flannelly from ARCADIS U.S., Inc. The presentation provided an overview of the Shades Mountain Filter Plant's filter improvements project beginnings and a schedule for completion of the project. The various accomplishments and challenges of the project were highlighted. A motion was made and seconded, and the Committee unanimously agreed to move to the Board to amend the Scope of Services with ARCADIS U.S., Inc., to provide additional Construction Management services for the Shades Mountain Filter Plant Filter Improvements project at an estimated cost of \$698,000.00, as set forth in agenda Item 4.

Following, a motion was made and seconded and the Committee agreed to move to the Board to approve an agreement between BWWB and the City of Helena for emergency water service, if needed, in order to ensure its customers have no service interruptions, as set forth in agenda Item 5. AGM Thompson explained that Helena is using Bessemer water right now and this agreement would give Birmingham Water Works (BWWB) a foot in the door via this emergency agreement. Director Munchus was not present when the vote was taken.

Next, a motion was made and seconded by the Committee for discussion regarding the approval of an agreement with Shelby County Water Services to cross BWWB property with an underground water line for the sum of \$1.00, as set forth in agenda item 6. A motion was made and seconded, and the Committee agreed to move to the Board to approve the agreement with Shelby County Water Services. Director Munchus was not present for the vote.

Following, a motion was made and seconded by the Committee for discussion regarding Electric Machinery Company/WEG Group, a Sole Source provider, for EM Synchronous Motors for refurbishment of Mulberry Motor #4 and Sipsey Motor #4 to original equipment manufacturer specifications and expenditures necessary for the installation of the motors, at an estimated cost of \$183,700.00 and \$61,647.00; respectively, as set forth in agenda Item 7. A motion was made and seconded, and the Committee agreed to move to the Board to approve expenditures with Electric Machinery Company/WEG Group. Director Munchus was not present for the vote.

Next, a motion was made and seconded by the Committee for discussion regarding Flowserve Pump Company/Jim House and Associates, a Sole Source provider, for Byron Jackson Pumps for refurbishment of Mulberry Pump #4 and Sipsey Pump #4 to original equipment manufacturer specifications and expenditures necessary for the installation of the pumps, at an estimated cost of: \$565,129.20 and \$610,852.80; respectively, as set forth

in agenda Item 8. A motion was made and seconded, and the Committee unanimously agreed to move to the Board to approve expenditures with Flowserve Pump Company/Jim House and Associates.

As there was no new business and no further business before the Committee, a motion was made and seconded and the Committee adjourned at 10:00 a.m.

_____/S/
Michael Johnson
General Manager

_____/S/
Brenda J. Dickerson, Ph.D.
First-Vice Chairwoman/First Vice President

_____/S/
Brett A. King, Esq.
Director

_____/S/
George Munchus, Ph.D.
Director