

**MINUTES OF ENGINEERING AND MAINTENANCE COMMITTEE MEETING
OF THE WATER WORKS BOARD OF THE CITY OF BIRMINGHAM**

June 17, 2024

An Engineering and Maintenance Committee Meeting of the directors of The Water Works Board of the City of Birmingham was held on Monday, June 17, 2024 at 12:01 p.m.

The following Committee members were present via roll call: Committee Chairman Dalton NeSmith, and Larry Ward. Director George Munchus was also present. Director Tereshia Huffman was not present.

Others present were: Darryl R. Jones, Interim General Manager; Iris Fisher, Derrick Murphy and Philip King, Assistant General Managers; Cynthia Williams, Board Administrator, Anitra Clark, Corporate Governance Specialist; Elyse Page, Executive Assistant; Rick Jackson, Rosalind Jones, Cassandra Bell, Colandus Mason, Jonathan Jett, Jeff Wade, Charles McGee, Anthony Hazel, David Walker, and Derrick Maye. Board Employee; K. Mark Parnell, Parnell Thompson Law; Olivia Martin, State of Alabama Attorney General's Office; Donald Simpson, KPS Group; Yahya Majah, Arcadis; Chandra Abesingha, CE Associates.

Chairman NeSmith declared a quorum in attendance.

Chairman NeSmith called the meeting to order at 12:01 p.m., and Assistant General Manager Derrick Murphy opened with prayer.

Following, Chairman NeSmith asked the Committee to approve the agenda. Director Ward made a motion to approve the agenda and Director NeSmith seconded the motion. On a motion duly made and seconded, the agenda was approved by unanimous vote.

Following, the Committee moved to the first item on the agenda, Request Committee to approve minutes of the Engineering Maintenance and Committee Meeting held April 10, 2024. Director Ward made a motion to approve the item and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, Chairman NeSmith asked to hear Report of Officers. As there were no reports, the Committee moved to New Business. Assistant General Manager Derrick Murphy stated for agenda item 3, the wording "expenditures with Gulf State Electric" should be replaced with "Gulf Coast Electric." Assistant General Manager Murphy also stated the format of the agenda was modified to include items presented by divisions as recommended by Legal.

Following, the Committee moved to the second item on the agenda, Request Committee to recommend to the Board to approve expenditures with Gulf Coast Electric Motor Service, Inc., authorized service provider for repairs, and warranty center for Allis Chalmers/Siemens, for repairs to Sipsey #4 Synchronous Vertical Motor (Allis Chalmers, 900 RPM, 4,160 volt), to rebuild stator, rotor, and re-pour guide bearing, at an estimated out-of-pocket cost to the Board of \$226,386.00; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Assistant General Manager Murphy provided the Committee with a handout related to agenda items 2, 3, 4, 6, and 19. A copy of the handout is on file in Diligent. Assistant General Manager Murphy stated the handout provides an aerial shot of the location at Sipsey plant near Smith Lake Dam. Director Ward made a motion to recommend said item be

moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the third item on the agenda, Request Committee to recommend to the Board to approve expenditures with Gulf Coast Electric Motor Service, Inc., authorized service provider for WEG Electric Machinery Company, for EM Synchronous Motors for Cahaba Pump Station's 2000 HP Motor #21, for service, repairs and installation to original manufacturer specifications and other expenditures necessary for service, at an estimated out-of-pocket cost to the Board of \$253,497.00; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Assistant General Manager Murphy stated this information is also provided in the referenced handout. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the fourth item on the agenda, Request Committee to recommend to the Board to approve two CE Associates' scopes of services, for the design and inspection of two water main replacement projects; Enon Ridge-East Thomas Community and Crestwood Community, at a total out-of-pocket cost to the Board of \$456,901.00 for both scopes; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreements. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. Director Ward questioned whether these projects are located within the City of Birmingham, specifically the older areas. Assistant General Manager Murphy responded as part of due diligence, when presenting a scope of services, the goal is to allow the firm to give a presentation. Assistant General Manager Murphy stated this firm has not given a presentation to the Engineering and Maintenance Committee; therefore, Chandra Abesingha, CEO/Principal Engineer of CE Associates was recognized to give a brief presentation. Ms. Abesingha stated CE Associates (CEA) is an engineering consulting company founded in 2001. She stated their corporate office is located in Birmingham, AL. Ms. Abesingha stated CEA provides consulting services, including engineering designs, preparation of construction plans and specifications, assistance with bidding process and preparation of construction plans. Next, she highlighted CEA's corporate experience as a prime or sub consultant during the last several years, which includes city/county governments, institutional agencies such as BWWB, University of Alabama at Birmingham (UAB), City of Birmingham Board of Education, and commercial projects. She stated CEA staff consists of professional engineers and designers with extensive experience with various engineering projects, including water main replacement projects. Ms. Abesingha stated CEA is also on the ALDOT list of on-call firms to provide transportation support services for cities and/or counties. She stated CEA also maintains all standard insurance requirements. She stated during the last ten (10) years, CEA completed various projects throughout the state of Alabama, and highlighted a comprehensive list of the company's projects experience. Ms. Abesingha concluded her presentation. Assistant General Manager Murphy mentioned Director Ward's question, and stated this project is part of the pipeline replacement program. He stated the Board budgets \$25 million annually, and eighty (80) percent of the work is located in the City of Birmingham. He indicated these particular projects are located in West End and East Lake. Chairman NeSmith called for the vote. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the fifth item on the agenda, Request Committee to recommend to the Board to terminate a scope of services with Studio 2H, for providing planning, surveying, design plans, technical specifications, and construction inspection for the proposed new

EnviroLab Building Project, at Putnam Filter Plant located in the City of Birmingham. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. Assistant General Manager Murphy stated this is a revised scope, and he clarified initially the goal was to build a new building at one of our plants; however, due to post COVID issues, the budget navigated from \$12 million to \$25 million. He stated there was another opportunity from Drusilla Hudson, EnviroLab Manager, and her team, and indicated they found a 30,000 square foot building purchased for \$6 million that was built in 2017, that would accommodate BWWB's needs. Chairman NeSmith called for the vote. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the sixth item on the agenda, Request Committee to recommend to the Board to approve a scope of services with KPS Group, for the design and bid phase services for the 100 Lucerne Lane EnviroLab Renovation Project. Assistant General Manager Murphy stated the budget is not listed because it is still being negotiated at this time. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. Director Munchus stated he noticed the HUB participation was listed as to be determined and questioned the involvement in the process. Assistant General Manager Murphy responded engineering services is qualification/cost based. Regarding the process, he stated a request for proposal (RFP) was advertised on April 10, 2024, followed by a pre-proposal meeting on April 23, 2024. The deadline for all firms to submit questions was April 30, 2024; the proposal closed on May 14, 2024, and then presentations were scheduled to be submitted by all three (3) vendors: Dorsey, KPS and Poole, on May 21, 2024. Assistant General Manager Murphy stated the recommendation process to the Board involved a nine (9) member team which included the following: EnviroLab, Engineering, and Board Attorney Mark Parnell. Assistant General Manager Murphy then recognized Dr. Jaquice Boyd, who is leading the project on behalf of BWWB. Director Munchus questioned whether this is about selecting a firm that has the statement of qualifications. Assistant General Manager Murphy responded staff has information they can present to the Board, which will allow them to begin negotiations once approved by the Committee. Director Munchus questioned whether KPS has a HUB partner. Assistant General Manager Murphy responded yes and stated KPS has several HUB partners. Next, Assistant General Manager Murphy recognized Donald Simpson, President of KPS Group, an architecture firm in Birmingham, AL., to provide a brief presentation. Mr. Simpson stated the KPS Team is made up of two major components, KPS Group and Lord Aeck Sargent (LAS). Mr. Simpson stated LAS is one of the top lab consulting companies in the country. He stated the project for BWWB is critical due to an extremely tight schedule. He stated it was decided to assemble a team with high expertise in lab consulting that could act quickly, and prior experience of working together on lab projects. Mr. Simpson introduced the members of the team and stated all have worked together in the past. He stated KPS Group has been in Birmingham, AL for almost sixty (60) years, with over twenty (20) research and teaching lab projects, totaling over 1.2 million square feet. Mr. Simpson highlighted renovations of Lord Aeck Sargent (LAS), which includes UAB Steam System and Plant, Birmingham-Shuttlesworth International Airport, healthcare labs, and the replacement hospital of UAB Medical West. He stated through the renovation process, different tools will be utilized to help those who are not used to looking at drawings, to see the model design in 3D and essentially be able to walk through the building. Director Munchus questioned the corporate office location of lab consultant, LAS. Mr. Simpson responded he was unsure and stated his team always worked with them in Atlanta, Georgia. Director Munchus questioned if LAS is based in England. Mr. Simpson responded no and stated Lord Aeck Sargent has five offices. Chairman NeSmith called for the vote. On a motion duly made and seconded, the item was approved by unanimous vote. Assistant General Manager Murphy

reiterated his team will be on a tight schedule, and stated the goal is to move along with building renovation. Director Ward questioned how much of the building is going to be used. Assistant General Manager Murphy responded the entire building will be utilized, and out of the 30,000 square feet, 15,000 square feet is dedicated to the lab, and the remaining is office space and warehouse. He stated both the HVAC and lab component will be a large portion of the design. Director Ward questioned whether there is room to expand. Assistant General Manager Murphy responded yes and stated site development is slated to build out another 12,000 square feet. Director Munchus questioned whether BWWB will be able to increase its capacity to provide lab services to other water systems who cannot afford to do the work and generate some revenue for this lab. Assistant General Manager Murphy responded yes, and stated the last report Drusilla Hudson, EnviroLab Manager, gave to the Board stated there needs to be more discussion regarding that option. He then stated an evaluation was performed to determine the impact of performing all BWWB water testing externally. Director Munchus stated he recalled Interim General Manager Darryl Jones was previously involved with this project. Assistant General Manager Philip King stated this building gives BWWB more flexibility to perform additional testing.

Next, the Committee moved to items submitted via the Finance and Administration Division, agenda items 7 through 14:

Following, the Committee moved to the seventh item on the agenda, Request Committee to recommend to the Board to approve a one-year renewal agreement with Diligent, a sole source provider, effective August 23, 2024 through August 22, 2025, at an out-of-pocket cost to the Board of \$33,685.95; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the eighth item on the agenda, Request Committee to recommend to the Board to approve expenditures with C Spire, for Meraki wireless controller, license, support, and maintenance, effective July 15, 2024 through July 14, 2025, at a total out-of-pocket cost to the Board of \$34,403.25; and to authorize the Interim General Manager and/or Assistant General Manager to execute applicable purchase orders. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the ninth item on the agenda, Request Committee to recommend to the Board to exercise its bid option to extend a one-year agreement with Walter A. Wood Supply Co., Inc., for estimated annual quantities of Rainwear, at an estimated out-of-pocket cost to the Board of \$34,795.85; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the tenth item on the agenda, Request Committee to recommend to the Board to approve expenditures with Environmental Systems Research Institute, Inc. (ESRI), for an annual ArcGIS Subscription and License to manage and analyze geospatial data related to BWB distribution, and management of water resources, at an estimated out-of-pocket cost to the Board of \$63,171.64; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Director Ward made a motion to recommend

said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the eleventh item on the agenda, Request Committee to recommend to the Board to approve expenditures with Stivers Ford, for the purchase of one (1) Ford Transit Cargo Van, for use by the Electrical and Maintenance Department, at an estimated out-of-pocket cost to the Board of \$69,009.00; and to authorize the Interim General Manager and/or Assistant General Manager to execute applicable purchase orders. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the twelfth item on the agenda, Request Committee to recommend to the Board to award bid to CDW Government LLC, the lowest responsible and responsive bidder, for Lenovo laptops and accessories, to replenish inventory, at an out-of-pocket cost to the Board of \$92,000.00; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the thirteenth item on the agenda, Request Committee to recommend to the Board to award bid to MAC Uniforms, the lowest responsible and responsive bidder, for estimated annual quantities of employee uniforms, at an estimated out-of-pocket cost to the Board of \$102,916.00; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the fourteenth item on the agenda, Request Committee to recommend to the Board to approve expenditures with Pro Logic ITS, for Installation of emergency lights in eighty-eight (88) new vehicles, at an estimated out-of-pocket cost to the Board of \$421,910.92; and to authorize the Interim General Manager and/or Assistant General Manager execute applicable purchase orders. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Next, the Committee moved to items submitted via Collaborative Division Items, agenda items 15 through 19:

Following, the Committee moved to the fifteenth item on the agenda, Request Committee to recommend to the Board to exercise its bid option to extend a one-year agreement with Advanced Asphalt Products, to provide Asphalt COLD Mix (Delivered) for temporary patching requirements for the Distribution Department within the specifications and conditions, at an estimated out-of-pocket cost to the Board of \$217,500.00; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the sixteenth item on the agenda, Request Committee to recommend to the Board to award bid to Eagle Cleaning Service, Inc., the lowest responsible and responsive bidder, for janitorial services, at an out-of-pocket cost to the Board of \$240,240.00, contingent upon the review by the Board's legal counsel; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the seventeenth item on the agenda, Request Committee to recommend to the Board to exercise its bid option to extend a one-year agreement with CJ Pressure Cleaning, Inc., for pressure washing services throughout the limits of the Board's distribution system, at an estimated out-of-pocket cost to the Board of \$750,000.00; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Director Ward questioned the need for pressure washing services. Assistant General Manager Murphy responded BWWB repairs an estimated 4,000 leaks annually, including the construction work internally. He stated any time there are projects with digging involved, and the mud must be pressure washed. He stated during the hotter months, dust collects, and BWWB receives a lot of complaints because there is dust everywhere. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote.

Following, the Committee moved to the eighteenth item on the agenda, Request Committee to recommend to the Board to exercise its bid option to extend a one-year agreement with Tate Contracting & Excavating, Inc., for standard concrete replacement, to include the replacement of concrete driveways, sidewalks, curbs, gutters, etc., at an estimated out-of-pocket cost to the Board of \$2,265,000.00; and to authorize the Interim General Manager and/or Assistant General Manager to execute the agreement. Director Ward questioned whether the number of driveways needed to repair is known. Assistant General Manager Murphy responded the number of driveways is based on the bid for the square area of what is replaced. He stated if a driveway is damaged, measurements are taken in the field of what is damaged, and the district supervisors and inspectors review the information to make sure BWWB is paying the correct number of damaged driveways. Chairman NeSmith stated this is a unit cost to quantity, and stated the estimate, could be less or more, based on what is done. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. On a motion duly made and seconded, the item was approved by unanimous vote. Director Munchus questioned whether Tate Contracting and Excavating is the same company BWWB has had issues within the past. Assistant General Manager Murphy responded he would have to verify. He stated Tate has won prior bids and had a concrete contractor work for BWWB for five (5) to six (6) years. He stated their work product is great and BWWB has had no trouble with their work performance.

Following, the Committee moved to the nineteenth item on the agenda, Request Committee to recommend to the Board to award bid to Black Diamond Paving, LLC, the lowest responsible and responsible bidder, for estimated annual quantities of Standard Patch Paving/Longitudinal Transverse/Milling and Resurfacing at an estimated cost of Item 1 (West District) - \$1,489,240.00; Item 3 (East/South District) - \$2,353,915.00, for a total annual out-of-pocket cost to the Board of \$3,843,155.00; and to award bid to Tate Contracting and Paving, the lowest responsible and responsible bidder, for Standard Patch Paving for Item 2 (Central District), at an estimated cost of \$1,135,000.00, for a total out-of-pocket cost to the Board of \$4,978,155.00; and to authorize the

Interim General Manager and/or Assistant General Manager to execute the agreements. Director Ward made a motion to recommend said item be moved to the full Board for approval, and Director NeSmith seconded the motion. Assistant General Manager Murphy referenced the handout and stated BWWB's service area is broken into four (4) leak districts. Assistant General Manager Murphy stated in the past, there were challenges with bidding due to one (1) person being assigned to BWWB's five (5) county area, and that person could not keep up. He stated typically, we have at least two (2) leak crews per district. He stated BWWB fell behind 120 plus days, and subsequently, cities were not happy with our performance. He indicated the leak districts now are based in three (3) different areas: West, Central, and East/South. Assistant General Manager Murphy stated a resource plan was requested for each area to explain their number of leak crews available. He indicated a decision was made to evaluate the leak districts and stated this has worked for BWWB in the past. He stated leak repairs are being reduced from 180 days behind to around 60 days; however, the goal is to get to 30 days. Chairman NeSmith called for the vote. On a motion duly made and seconded, the item was approved by unanimous vote.

As there was no further business before the Committee, Director Ward made a motion to adjourn the meeting and Director NeSmith seconded the motion. On a motion duly made and seconded, the motion was approved, and the meeting adjourned at 12:41 p.m.

/s/
Darryl R. Jones
Interim General Manager

/s/
Dalton NeSmith
Engineering and Maintenance Committee Chair

/s/
Larry Ward
Director