

**Minutes of the
Regular Board Meeting
Of the Pittsburgh Water and Sewer Authority
Held on July 27, 2018**

This Regular Monthly Board Meeting of The Pittsburgh Water and Sewer Authority, having been duly advertised in accordance with the Sunshine Act, was called to order on July 27, 2018, at approximately 10:00 a.m., in the Second-Floor Board Room, 1200 Penn Avenue, Pittsburgh, Pennsylvania 15222.

The following members of the Board were present: Mr. Paul Leger, Mr. Jim Turner, Ms. Deborah Gross, and Ms. Lanier.

Absent was Ms. Chaton Turner.

There was a quorum for this meeting.

Present from the staff were Debby Gibson, Kelly Morgano, BJ McFaddin, Rocky Craley, James Stitt, Sharon Gottschalk, Manda Metzger, Will Pickering, Tamoya Herring. Executive Director Robert Weimar participated via conference call.

Also present was Mark Nowak of Clark Hill, Paul Massy, Monaloh Basin Engineering, Vaughan Leer of Wood, Steve Winter of Wood, Tim Dean of AECOM, Jamie North of DLZ, Chad Davis of HDR, Mallory Griffin of JMT, Scott Cowburn of CDM Smith, Renee DeMichiei Farrow of Architectural Innovations, Dan Davis of Skelly and Loy, Dan Miller of Skelly and Loy, Michelle Hinds of SAI, John Balewski of Mackin Engineering, Heather Dodson of MBI, JDG of PUC, Charles Jordan of MS Consultants, David Borneman of ARCADIS, Paul Ionadi of Dynotec, Mark Karoski of Bucharth Horn, Kari Mackenbach of MS Consultants, Kathy Chavara of Mott MacDonald, Ralph Gilbert of Jacobs, Bridgett Johnson of Mascaro, Rulison Evans of GHD, Jaime Burdett of GHD, Scott Crosswell of GHD, Giuseppe Sciulli of Mott MacDonald, Jason McBride of Wade Trim, Glen Stephens of GSI, Maki Johnson of GSI, Donna Chappel of AIG.

EXECUTIVE SESSIONS

Chairperson Leger informed the attendees that an Executive Session was held prior to the start of the Regular Board Meeting wherein no votes were taken. Legal and personnel matters were discussed.

CALL FOR PUBLIC COMMENT No public comment.

APPROVAL OF THE MINUTES

Chairperson Leger entertained a motion to approve the Minutes from June 22, 2018 and Minutes from the Special Board Meeting on July 10, 2018. Ms. Lanier so moved, Mr. Turner seconded the motion.

The Minutes were unanimously approved.

FINANCIAL REPORT

Rocky Craley, Interim Finance Director, reported on the June Financials. The net cash increased beyond the budgeted amount. Capital spending is increasing. PWSA will be pursuing PennVest money for lead service line replacements. Regarding the Operating Line of Credit matter, PWSA has a schedule that shows a

closing date of August 17, 2018. PWSA is seeking to expand its Capital Line of Credit. PWSA has successfully completed an application to the PUC for a security certificate and is waiting for that approval. PWSA is investigating why the bill revenue is lower than budgeted. Julie Quigley is doing an excellent job on the collections. Ms. Gross advised that the Affordability Committee met in the past week to discuss data on customer payments in the various customer classifications. Mr. Leger stated the objective of the Affordability Committee is to see that customers who need service can get service from the PWSA.

ENGINEERING REPORT

Barry King, Interim Director of Engineering, explained the details of this report and referred to the July Currents Newsletter. Mr. King provided an update on the projects associated with the Administrative Order. The Lanpher Reservoir (west cell) deadline for completion in the original Administrative Order was by July 28, 2018. PWSA and its contractors have had more than 35 days of construction work halted since February 19th due to extreme weather, including snow and remarkable amounts of rainfall. Due to this, the State has granted the Authority an extension for those days with a new due date of August 31, 2018. The current updated schedule provides for completion of the reservoir by August 29, 2018. Upon the receipt of the Operating Permit for the west cell, the Administrative Order grants 150 days to complete the east cell. Using September 3rd as the estimated date for release of the operating permit, the east cell completion date would be January 31, 2019. The cover is \$30 million range.

With respect to the Orthophosphate Addition Projects, the negotiations with the contractors have been completed and purchase orders for the additional equipment and materials have been issued. PWSA is on hold until it receives the PA DEP construction permit. PWSA met with the PA DEP on site at the Aspinwall Pump Station to review the application for the permits. PWSA submitted the permit application on May 10, 2018. The DEP cannot commit to a date when the permit will be made available. PWSA has been told that the PA DEP is currently not staffed appropriately to review these permits. The DEP has only one staff person. PWSA has a standing weekly meeting with the State and will continue to make efforts to obtain this permit. Until then, this project will be on hold. PWSA is now looking at a November time frame should it receive the permit today.

Mr. Turner: It's extraordinarily frustrating in that the Water Authority has been taken to task for the lead levels. We knew a year ago that adding orthophosphates to the water would bring the lead levels down system wide for everyone. DEP required us to prove that with the study. The study came out, and it showed that. And now, we can't add the orthophosphates into the water because we are still waiting for their approval. They are saying they don't have the staff, yet when we have offered to pay for additional staffing to focus on our project, they did not accept this offer. So, I am sort of at wits end as to what else to do.

Mr. Leger: This has been slipping month by month. We were initially talking about a May implementation, and now we are talking about Thanksgiving. This is a public health problem, and it's something we need to address. We need to hold DEP accountable as we would any other contractor. If they need to work extra hours, then so be it.

Mr. King: The last item is the MFP UV system. The original estimated project completion date based on the original Administrative Order was to be June 29, 2018. We have selected and awarded the construction contract. The contractor has moved forward at its risk to obtain all of the long lead items for the project. There is nothing further we can do until the permit is obtained. If we would receive the permit today, we are looking at a substantial completion of December 24, 2018.

Mr. Turner: This adds to the frustration. So that everyone knows, we have been working without all of our reservoirs now for too long.

Ms. Gross: I need time to compose my thoughts, but I am also deeply concerned. After this meeting, I think we as a Board should think about what we want to say and put it in writing.

Mr. Turner: A huge congratulations to the Lead Team for exceeding the 1,341 lead line replacements.

REPORT OF THE INTERIM EXECUTIVE DIRECTOR

Paul Leger stated that there would be no Executive Director report, though the Executive Director was on the line. He was not there in person due to some health difficulties. Mr. Leger stated that there will be no Board Meeting in August and concurred with Mr. Turner in thanking the staff for meeting and exceeding the lead line replacements that were required by DEP in the first half of the year.

RESOLUTIONS

No. 82 of 2018 Approving the Award of Option Term 2 of a Professional Services Agreement, PWSA Project No. PWSA23 for Program Management Services to Mott MacDonald, LLC

**Funding: 2018 Engineering Capital and Operating Budgets
\$748,800.00**

Barry King, Interim Director of Engineering, explained the details of this Resolution. In August of 2014, the Board approved the award of this contract for the term 8/14/14 to 8/13/17. Option Term 1 was approved during the June 22, 2017 Board Meeting for the term of 8/14/2017 to 8/13/18. Option Term 2 is for the term of 8/14/18 to 8/13/19. This project was budgeted with available funds from the 2018 Engineering Capital and Operating Budgets in the amount of \$748,800.00.

Chairperson Leger entered a motion to approve for discussion. Mr. Turner so moved, and Ms. Lanier seconded the motion.

Discussion Held. Board unanimously approved, and the Resolution was adopted.

No. 83 of 2018 Approving the Award of Option Term 2 of Multiple Professional Services Agreements, PWSA Project No. PWSA28 for Miscellaneous On-Call Engineering Services, to ARCADIS U.S., Inc.; GAI Consultants; WOOD (AMEC); and Buchart Horn, Inc.

**Funding: 2018 Engineering Capital and Operating Budgets
Task Order Based Contracts**

Barry King, Interim Director of Engineering, explained the details of this Resolution. In August of 2014, the Board approved the awards of these agreements to the contractors listed above for 3 years. In 2017, Option Term 1's were approved for 1 year. Option Term 2 is for the term of: ARCADIS: 9/19/18-9/18/19; GAI: 9/29/18-9/28/19; WOOD: 10/7/18-10/6/19; and Buchart Horn: 10/14/18-9/30/19. GAI and WOOD have not requested any changes to the contract terms and conditions. ARCADIS has requested an increase to their non-burdened hourly rate change and a

multiplier increase. Buchart Horn has requested an increase to their non-burdened hourly rate change. Work under these contracts is authorized on a Task Order basis, and funds were budgeted from the 2018 Engineering Capital and Operating Budgets. All of the On-Calls Contracts are up for re-bid this year.

Chairperson Leger entertained a motion to approve for discussion. Ms. Gross so moved, and Mr. Lanier seconded the motion. Chairperson Leger motioned for discussion.

Discussion held. Board unanimously approved, and the Resolution was adopted.

No. 84 of 2018 Approving the Award of Option Term 2 of Multiple Professional Services Agreements, PWSA Project No. PWSA27 for Construction Management Services, to AECOM and Hatch (Chester).

**Funding: 2018 Engineering Capital and Operating Budgets
Task Order Based Contracts**

Barry King, Interim Director of Engineering, explained the details of this Resolution. In August 2014, the Board approved the award of these agreements for the term of 3 years. In June of 2017, Option Term 1 was approved for both contractors for 1 year. Option Term 2 is for the following terms: AECOM: 8/14/18-8/13/19, Hatch: 11/1/18-10/31/19. Hatch has not requested a change to their non-burdened hourly rates. AECOM has requested an increase to their non-burdened hourly rates. Work under this contract is authorized on a Task Order basis, and funds were budgeted from the 2018 Engineering Capital and Operating Budgets.

Chairperson Leger entered a motion to approve for discussion. Mr. Turner so moved, and Ms. Lanier seconded the motion.

No discussion held. Board unanimously approved, and the Resolution was adopted.

No. 85 of 2018 Approving Change Orders of Two Capital Contracts for the 2017 Catch Basin and Inlet Replacement: PWSA Project No. 2017-424-102-0 to Michael Facchiano Contracting, Inc., and No. 2017-424-102-1 to Independent Enterprises, Inc.

**Funding: 2018 Engineering Capital Budget
Cumulative Amount of \$205,000.00**

Barry King, Interim Director of Engineering, explained the details of this Resolution. Request to approve a cumulative change order in the amount of \$205,000.00 of two capital contracts. Michael Facchiano Contracting Inc.,

in the amount of \$160,000.00 and Independent Enterprises in the amount of \$45,000.00. These change orders are necessary to pay for the urgent replacement of additional basins identified prior to substantial completion of these contracts.

Chairperson Leger entertained a motion to approve for discussion. Ms. Lanier so moved, and Mr. Turner seconded the motion.

No discussion held. Board unanimously approved, and the Resolution was adopted.

No. 86 of 2018

Approving a Change Order of an Operating Contract for 2017 Surface Restoration, PWSA Project No. 2017-OPS-105-0 to A. Folino Construction Inc.

**Funding: 2018 Engineering Operating Budget
\$5,000,000**

Mr. Barry King, Interim Director of Engineering, explained the details of this Resolution. This is a joint contract with the City of Pittsburgh and provides milling, asphalt replacement, brick, landscaping and concrete restoration across the PWSA service area. This restoration contract provides final surface restoration at all water and sewer sites resulting from work completed by PWSA's Department of Operations, as well as work performed under multiple Operating and Capital Contracts, including Lead Service Line Replacements. In calendar year 2018, this 2017 Surface Restoration Contract has been used to restore more than 300 sites resulting from work performed under the current Urgent Water and Sewer Repair Contracts. Project completion date is February 28, 2019. Contract will be bid again to start after this project completion date. This contract will also be moved under the Capital Budget in the future because a lot of the work involves the Lead Line Replacement program and can be capitalized.

Chairperson Leger entertained a motion to approve for discussion. Mr. Turner so moved, and Ms. Lanier seconded the motion.

Discussion held. Ms. Gross expressed concern that utilities need to coordinate better and have new procedures put in place for excavations and tap ins, as well as with land permitting.

Mr. Leger stated that the City should also be made to coordinate their efforts. There was a boil advisory this past week and the problem was that the City paved over the access points to the valves. So, when the break occurred, PWSA was not able to get to the valves to shut off the water, which in turn lead to the advisory. Mr. King advised that there are active meetings going on with DOMI now to better coordinate these efforts going forward.

Board unanimously approved, and the Resolution was adopted.

No. 87 of 2018 **Approving an Amendment of the Water Treatment Plant's Board-Approved 2018 Operating Budget and Approving the Award of an Operating Contract for the Rehabilitation of Rail Spur, Project No. 2018-OPS-103-0 to Rhinehart Railroad Construction Inc.**

**Funding: 2018 Water Treatment Plant Operating Budget
\$15,000.00**

Barry King, Interim Director of Engineering, explained the details of this Resolution. The request is to approve the amendment for the Rehabilitation of the Rail Spur Project to increase the currently approved budget by \$15,000.00. These railroad track repairs are required at the Aspinwall Water Treatment Plant (AWTP) to ensure PWSA has an alternative delivery method for receiving uninterrupted shipments of ferric chloride that is used in the water treatment process. This is under the Operating Budget because only spot repairs are being made. PWSA does own the rail and it will benefit them for cost purposes to have the rails repaired to lessen interruption of service of the ferric chloride.

Chairperson Leger entertained a motion to approve for discussion. Ms. Lanier so moved, and Ms. Gross seconded the motion.

Discussion held. Board unanimously approved, and Resolution was adopted.

No. 88 of 2018 **Approving the Award of Multiple Operating Contracts for Lime Slurry (Rebid), PWSA Project No. PWSA98 to Chemictrade Chemicals US LLC and Applied Specialties, Inc.**

**Funding: 2018 Water Treatment Plant Operating Budget
Cumulative \$729,250.00**

Barry King, Interim Director of Engineering, explained the details of this Resolution. PWSA's water treatment process includes the use of lime for pH adjustment. On July 12, 2018, one bid was received for the supply of Lime Slurry. The bid received was specifically for a 35% Calcium Hydroxide formulation. With only one supplier responding to PWSA's bid request, a second separate supplier must be contracted with to remain compliant with PA DEP supply requirements. Staff identified PADEP permitted alternative lime product, UltraLime, which is a 40% calcium Hydroxide formulation containing an additive to improve lime suspension. As this alternative product is patented and only available from one supplier, Sole Source justification was provided and approved by Procurement. The award to Chemictrade Chemicals US LLC in the amount of \$166,750.00 for 35%

calcium hydroxide was awarded, and an award to Applied Specialties, Inc. in the amount of \$562,500.00 for UltraLime 40% was as well.

Chairperson Leger entertained a motion to approve for discussion. Mr. Turner so moved, and Ms. Gross seconded the motion.

Discussion held. Board unanimously approved, and the Resolution was adopted.

No. 89 of 2018 Approving an Amendment of the Board-Approved 2018 Capital Budget and Award of a Capital Contract to Piggyback the U.S. Communities' Roofing Supplies and Support Services Contract with the Garland Company/DBS, Inc. for the Roof Replacement Project for the Aspinwall Water Treatment Plant Screen Room and East Walkway

**Funding: 2018 Water Treatment Plant Operations Capital Budget
\$397,605.00**

Barry King, Interim Director of Engineering, explained the details of this Resolution. The roofs of the Screen Room and East Walkway at the Aspinwall Water Treatment Plant (AWTP) are beyond their useful lives. Under this capital contract, the Garland Company, Inc., has obtained quotes from four prequalified roofing system contractors to complete the necessary scopes of work. PWSA has previously piggybacked the U.S. Communities' Roofing Supplies and Support Services Contract. Quotes are inclusive of all costs, including engineering, permitting, labor, material, freight, insurance, bonds, PA Materials Use Tax, and overhead and profit. Four quotes were obtained, and the apparent most responsive low bidder is Pennsylvania Roofing Systems Inc.

Chairperson Leger entertained a motion to approve for discussion. Ms. Lanier so moved, and Ms. Gross seconded the motion.

No discussion. Board unanimously approved, and the Resolution was adopted.

No. 90 of 2018 Approving the Amendment of the Board-Approved 2018 Capital Improvement Budget for the Addition of the Aspinwall Water Treatment Plant Raw Water Intakes Project and Ross Pump Station Upgrade Project

**Funding: 2018 Capital Improvement Budget - Engineering
\$88,000,000**

Barry King, Interim Director of Engineering, explained the details of this Resolution. The Aspinwall Water Treatment Plant Raw Water Intakes Project and Ross Pump Station Upgrade Project increased the Capital

Improvement Budget cumulatively by \$88,000,000. This amendment is necessary to support the project management, engineering, design, construction, and construction management and inspection (CMCI) field services for these projects.

The Aspinwall Water Treatment Plant Raw Water Intakes Project will include renewing or replacing the existing West and East Raw Water Intake Gate House buildings and associated systems, including gates, screens and associated mechanical equipment, as well as the addition of SCADA. Influent piping through to Ross Pump Station will be addressed as well. The estimated total project cost is \$45,000,000.

The Ross Pump Station Upgrade Project will include the replacement of aged pump and valve equipment, meters, SCADA, electrical equipment, HVAC and auxiliary system and the rehabilitation of the building architectural and energy management systems. The estimated total project cost is \$43,000,000.

Chairperson Leger entertained a motion to approve for discussion. Mr. Turner so moved, Ms. Gross seconded the motion.

Discussion held. Board unanimously approved, and the Resolution was adopted.

No. 91 of 2018

Approving the Task Order No. URS 27-42 for Distribution System Performance Evaluation. PWSA Project No. 2016-OPS-110-0 with URS Corporation

**Funding: 2018 Operating Budget – Environmental Compliance
\$149,238.64**

Barry King, Interim Director of Engineering, explained the details of this Resolution. The Pittsburgh Water and Sewer Authority (PWSA) is seeking guidance to consider the performance of the distribution system holistically, recognizing that what happens in the distribution system depends on the stability or consistency of the water discharged to the system. As part of this assignment, AECOM proposes to review the performance of the distribution system, where performance is defined by water quality and water stability. This work is important as PWSA adds orthophosphate for corrosion control into the distribution system and all aspects must be considered. This proposed work will review other affects of adding orthophosphate to the distribution system from a different perspective while in order to manage other quality issues that may arise.

Chairperson Leger entertained a motion to approve for discussion. Ms. Lanier so moved, Ms. Gross seconded the motion.

No discussion held. Board unanimously approved, and the Resolution was adopted.

No. 92 of 2018 Approving Amendment No. 3 of the Professional Services Agreement for the MS4 NPDES Permit (City of Pittsburgh Portion), PWSA Project No. 2016-OPS-118-0, Task Order No. MM23-89 to Mott MacDonald

**Funding: 2018 Operating Budget – Environmental Compliance
\$350,000.00**

Barry King, Interim Director of Engineering, explained the details of this Resolution. The Pittsburgh Water and Sewer Authority (PWSA) is continuing the work that was started in March 2017 to renew the Municipal Separate Storm Sewer (MS4) National Pollution Discharge Elimination System (NPDES) Permit. PWSA completed the Authority's portion of the permit and submitted it to the PA Department of Environmental Protection (PA DEP) on the due date, September 17, 2017. PWSA is now in the position of needing to complete the outstanding additional work required by the USEPA to document the City of Pittsburgh stormwater infrastructure assets as soon as possible. This additional work is associated with the collection of data and documenting City infrastructure that was mandatory to be included in the MS4 NPDES Permit renewal application that was due on September 17, 2017, but was not available to PWSA. This work includes assembling five field crews to obtain the GPS coordinates of each City-Owned stormwater asset, purchasing GPS equipment, developing a Geodatabase to record stormwater asset data, determining observation points both into and out of the City/PWSA stormwater system, determining observation points for the City/PWSA outfalls from the stormwater system, and developing pollution reduction plans (PRP's) based on information gathered from the field reconnaissance work.

Chairperson Leger entertained a motion to approve for discussion. Ms. Gross so moved, and Ms. Lanier seconded the motion.

Discussion held. Mr. Turner requested to know why this was an expense for the Authority and not the City. Mr. King advised that the PWSA is required to file the MS4 Permit and filed for the Authority back in September. The viewpoint is that PWSA is taking on more of the responsibility for stormwater and, as co-signers to the stormwater division, will face a notice of violation and fines due to the City's inaction. Mr. Weimar advised that PWSA intends to have discussions with the City in the near future and payment for these efforts will be requested in negotiations regarding the Cooperation Agreement. Mr. Turner suggests that we offer to share the costs with the City during the co-op agreement discussions.

Board unanimously approved, and the Resolution was adopted.

OLD BUSINESS

No. 46 of 2018 Technical Corrections and Clarifying Amendments to PWSA's Lead Service Line Replacement Policy

Chairperson Leger motioned to table this Resolution. Ms. Gross so moved, Mr. Turner seconded the motion.

The roll call vote was cast – Unanimous approval to table the Resolution was passed. This Resolution will be brought back once all information has been attained.

ADJOURNMENT OF THE MONTHLY BOARD MEETING

Chairperson Leger entered a motion to adjourn. Ms. Gross so moved, and Ms. Lanier seconded. The motion to adjourn was unanimously approved.

REMINDER – There will not be a Board Meeting in August.

The next meeting will be held on Friday, September 28, 2018 at 10:00 AM.

James Turner, Secretary