

Lower Bucks County Joint Municipal Authority

Board Meeting Minutes ~ February 2023

The Board of Directors of Lower Bucks County Joint Municipal Authority (Authority) held their monthly meeting on Thursday, February 23, 2023, at the Authority's Administration Building located at 7811 New Falls Road, Levittown, Pennsylvania 19055.

Call to Order

Mr. Glasson, Chairman, called the meeting to order at 7:00 P.M., which was followed by the Pledge of Allegiance. Mr. Glasson asked everyone to take a moment to remember all those who keep us safe every day.

Roll Call

Mrs. Burnell took roll call as follows:

Present: Joseph Glasson
Cynthia Murphy
Bryan Servis
James Morgan

Absent: Michele Hammar
Michael Sidoti

Also Present: Vijay S. Rajput, Ph.D., P.E., Managing Director
Nancy Burnell, Meter Department Supervisor
Colleen Dunn, Finance Manager

Public Participation

There was no public participation at this meeting.

Approval of the February's 2023 Accounts Payable

Motion: Mrs. Murphy made a motion, seconded by Mr. Servis, to approve February 2023 Accounts Payable as presented to the Board of Directors.

Roll Call on the Motion

Mrs. Murphy Aye
Mr. Glasson Aye
Mr. Servis Aye
Mr. Morgan Aye

Motion carried unanimously.

** Mr. Glasson abstained from any invoices to McIntyre Plumbing, Benjamin Franklin Plumbing & Glasson Enterprises.

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Approval of the January's 2023 Board Meeting Minutes

Motion: Mrs. Murphy made a motion, seconded by Mr. Servis, to approve the January 26, 2023 Board Meeting minutes as presented to the Board of Directors.

Roll Call on the Motion

Mrs. Murphy Aye
Mr. Glasson Aye
Mr. Servis Aye
Mr. Morgan Aye

Motion carried unanimously.

MANAGING DIRECTOR'S REPORT

CAPITAL IMPROVEMENT BUDGET FOR 2023

Dr. Rajput presented the proposed Capital Improvement Budget for 2023 for the review and adoption consideration by the Board of Directors. Dr. Rajput started a major portion of the amount of the Capital Improvement budget is allocated for the rehabilitation/replacement of the Authority's aging infrastructure including water and sanitary sewer mains; valves/controls & filter media replacement at the Water Treatment Plant and replacement of the existing chlorination system with an ultraviolet disinfection system with solar canopy as renewal energy at the Wastewater Treatment Plant.

Motion: Mrs. Murphy made a motion, seconded by Mr. Servis, to approve the 2023 Capital Improvement Budget as presented to the Board of Directors.

Roll Call on the Motion

Mrs. Murphy Aye
Mr. Glasson Aye
Mr. Servis Aye
Mr. Morgan Aye

Motion carried unanimously.

PROJECT #WWTP-216: PURCHASE OF ORION 3 ZOOM HD/SD ADAPTIVE CAMERA SYSTEM FOR THE EXISTING CCTV SEWER INSPECTION SYSTEM (UNDER COSTARS CONTRACT # 025-EE2-441)

Dr. Rajput stated that currently, we have one camera and transporter for the existing CCTV sewer inspection truck. Considering the long lead time for both repairing the unit and obtaining the parts, a backup retrofit camera system is needed. In this regard, a quotation was obtained to purchase one camera and transporter as a retrofit to the existing CCTV camera system from U.S. Municipal under their COSTARS Contract No. 025-EE2-441. Total quoted price is \$24,358.00. Based on review of the quotation and specifications, we recommend to the Board for its consideration purchasing one Orion 3 Zoom HD/SD Adaptive with Adapter-8HD-10HD along with Tungsten Carbide Wheels for a total amount of \$24,358.00 from U.S. Municipal under COSTARS Contract # 025-EE2-441.

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Motion: Mrs. Murphy made a motion, seconded by Mr. Servis, to approve the purchase of one Orion 3 Zoom HD/SD Adaptive with Adapter-8HD-10HD along with Tungsten Carbide Wheels for a total amount of \$24,358.00 from U.S. Municipal under COSTARS Contract #025-EE2-441.

Roll Call on the Motion

Mrs. Murphy Aye
Mr. Glasson Aye
Mr. Servis Aye
Mr. Morgan Aye
Motion carried unanimously.

CONTRACT #WTP-447: PAINTING OF EXTERIOR OF FIVE POINTS STORAGE TANK UNDER COSTARS CONTRACT #008-EE23-1042 (CAPITAL IMPROVEMENTS PROJECT)

Dr. Rajput stated that as a part of our infrastructure maintenance project, the 4MG potable water storage tank located near Five Points requires re-painting. The tank was originally painted over 25 years ago. In this regard, we have received proposals from J.P. Smith Contractors, located at 253 South York Road, Hatboro, Pennsylvania, Inc. and Harbour Painting, Inc. located at 140 Ivy Lane, Suite 100, King of Prussia, Pennsylvania, both under their COSTARS contract. The total quoted price was \$123,275.00 from J.P. Smith Contractors, Inc. under their COSTARS Contract # 016-E22-265 whereas total quoted price was \$114,900.00 from Harbour Painting, Inc., under their COSTARS Contract #008-E23-1042. Based on our review of the proposals and quoted total price, we would like to recommend to the Board for its consideration to award Contract No. WTP-447: Painting of exterior of five points storage tank for a total amount of \$114,900.00 to Harbour Painting, Inc. under COSTARS Contract # 008-E23-1042. Harbour Paining, Inc. will provide a three (3) year warranty for the painting/coating.

Motion: Mrs. Murphy made a motion, seconded by Mr. Morgan, to award Contract No. WTP-447: Painting of exterior of the water storage tank at Five Points for a total amount of \$114,900.00 to Harbour Painting, Inc. under COSTARS Contract # 008-E23-1042. Harbour Paining, Inc.

Roll Call on the Motion

Mrs. Murphy Aye
Mr. Glasson Aye
Mr. Servis Aye
Mr. Morgan Aye
Motion carried unanimously.

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CONTRACT #WTP-448: PAINTING OF EXTERIOR OF ELEVATED FILTER BACKWASH WATER STORAGE TANK AT THE WATER TREATMENT PLANT UNDER COSTARS CONTRACT #016-E22-265 (CAPITAL IMPROVEMENTS PROJECT)

As a part of our infrastructure maintenance project, the potable water storage tank located at the Water Treatment Plant requires re-painting. We use this tank to store potable water for filter back washing operations. It was rehabilitated and painted more than 20 years ago. In this regard, we received proposals from J.P. Smith Contractors, Inc., located at 253 South York Road, Hatboro, Pennsylvania, Inc. and Harbour Painting, Inc. located at 140 Ivy Lane, Suite 100, King of Prussia, Pennsylvania, both under their COSTARS contract. However, Harbour Painting, Inc. withdrew their proposal. The total quoted price from J.P. Smith Contractors, Inc. under their COSTARS Contract #016-E22-265 is \$104,650.00. Based on our review of the proposal and quoted total price, we would like to recommend to the Board for its consideration to award the Contract No. WTP-448: Painting of exterior of Elevated Filter Backwash water storage tank for a total amount of \$104,650.00 to J.P. Smith Contractors, Inc. under COSTARS Contract #016-E22-265. J.P. Smith Contractors, Inc. will provide a three (3) year warranty for the painting/coating.

Motion: Mr. Morgan made a motion, seconded by Mr. Servis, to award the Contract No. WTP-448: Painting of exterior of Elevated Filter Backwash water storage tank for a total amount of \$104,650.00 to J.P. Smith Contractors, Inc. under COSTARS Contract #016-E22-265.

Roll Call on the Motion

Mrs. Murphy Aye

Mr. Glasson Aye

Mr. Servis Aye

Mr. Morgan Aye

Motion carried unanimously.

PROJECT #WTP-167 DIRECTIONAL DRILLING OF FOUR (4) LOCATIONS

Dr. Rajput stated that we are planning to eliminate a number of dead-end water mains at four different locations by looping the existing water mains. Dr. Rajput explained that this would entail crossing Veterans Highway and New Falls Road. Considering these are busy state roads, rather than open cutting the roads, it is our opinion that directional drilling is the most feasible option. The specific water main crossing locations are Oakland Avenue crossing Veteran Highway, Petunia Road to Lower Orchard Drive, Dolphin Road to Snowball Drive, and Deep Dale Drive East to Deep Dale Drive West. Taking into account that directional drilling is specialized work, we would like to recommend to the Board for its consideration to approve directional drilling for a total amount not to exceed \$100,000.00.

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Motion: Mr. Servis made a motion, seconded by Mr. Morgan, to approve the directional drilling of the four (4) locations for a total amount not to exceed \$100,000.00.

Roll Call on the Motion

Mrs. Murphy	Aye
Mr. Glasson	Aye
Mr. Servis	Aye
Mr. Morgan	Aye

Motion carried unanimously.

Investments

Dr. Rajput stated the interest rates are increasing for CDs, the Authority should consider exploring investments into a CD. Dr. Rajput requested the Board for its consideration to authorize him to explore deposit options for the investment of Authority funds, and to obtain proposals for this purpose. Dr. Rajput also requested the Board's consideration to invest in CDs by opening account(s) with the institution that has the best rates.

Motion: Mrs. Murphy made a motion, seconded by Mr. Servis to have Dr. Rajput look into interest rates on CDs and invest the Authority's funds with the bank providing the best interest rate.

Roll Call on the Motion

Mrs. Murphy	Aye
Mr. Glasson	Aye
Mr. Servis	Aye
Mr. Morgan	Aye

Motion carried unanimously.

Dr. Rajput stated that the following part of his report is for information purpose.

WATER DISTRIBUTION SYSTEM MAINTENANCE PROGRAM: REHABILITATION / REPLACEMENT OF EXISTING WATER MAINS – PHASE 8

Dr. Rajput stated that we are planning to resume water main and valve replacement work under phase 8 in March 2023, depending on weather conditions. Based on a review of our water main break history, the streets scheduled for water main replacement are Ivy Hill Road (approximately 1600 ft), Wildflower Road (approximately 1200 ft) and Robin Hill Lane (approximately 1400ft). These water main replacement projects are part of our ongoing water main replacement project and will be completed in phases over the next several years. We are planning to continue to perform most of the water main and valve replacement projects in-house by our field department. This allows us to save a significant amount of money which we invest back in improving the Authority's infrastructure.

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WATER TREATMENT PLANT DRBC ANNUAL EFFLUENT MONITORING REPORT

Dr. Rajput reported, as per requirements of the NPDES Permit and DRBC's docket, the annual Effluent Monitoring Report has been completed and submitted to DRBC.

WASTEWATER TREATMENT PLANT DRBC ANNUAL EFFLUENT MONITORING REPORT

Dr. Rajput reported, as per the requirements of the NPDES Permit and DRBC's docket, the annual Effluent Monitoring Report has been completed and submitted to DRBC.

WASTEWATER TREATMENT PLANT ANNUAL BIOSOLIDS REPORT (SLUDGE DMR)

Dr. Rajput stated that the annual Biosolid Report for the reporting year of 2022 for our Wastewater Treatment Plant has been completed and submitted to USEPA. Total annual sludge generation for the reporting year of 2022 was approximately 665.60 tons or approximately 603.8 metric tons on a dry weight basis.

WASTEWATER TREATMENT PLANT ANNUAL TIER II REPORT

Dr. Rajput stated that we have completed and submitted the Tier 11 report for the reporting year of 2022 for the Wastewater Treatment Plant. The report was submitted electronically.

ANNUAL WASTELOAD MANAGEMENT REPORT (CHAPTER 94 REPORT)

Dr. Rajput reported that we are continuing preparation of the required annual Chapter 94 Report for the reporting year of 2022. This report is due by March 31, 2023.

PRETREATMENT ANNUAL REPORT

Dr. Rajput and Mrs. Smythe have started preparing the required Pretreatment Program Annual Report for the reporting year of 2022. This report is due by March 31, 2023.

ANNUAL WATER AUDIT REPORT-DELAWARE RIVER BASIN COMMISSION (DRBC)

Dr. Rajput reported as per the requirements of the DRBC, we have started performing the required annual water audit of our water system for the reporting year of 2022. This report is due by March 31, 2023.

CONTRACT NO. WWTP-445: FURNISH AND SUPPLY POLYMERS FOR LOWER BUCKS COUNTY JOINT MUNICIPAL AUTHORITYS WATER AND WASTEWATER TREATMENT PLANTS, BUCKS COUNTY, PENNSYLVANIA

A Notice of Intent to Award has been sent to Polydyne Inc. along with all contract documents for signature.

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CONTRACT A-446: FURNISH AND INSTALL R900® GATEWAY FIXED NETWORK DATA COLLECTOR OF NEPTUNE TECHNOLOGY GROUP BY RIO SUPPLY INC. UNDER COSTARS CONTRACT #16-22

Dr. Rajput reported that a representative of Rio Supply, Inc. conducted a site survey along with our Meter Department work leader for the installation location of the collectors.

CONTRACT #WTP-418: REHABILITATION OF FILTERS AT WATER TREATMENT PLANT UNDER COSTARS CONTRACT #016-190

Dr. Rajput stated that J.P. Smith Contractors, Inc. has completed coating, painting and replacement of Filter No. 2 media and that the filter has been placed in full operation and is operating satisfactorily and currently, the contractor is working on Filter No. 3.

CONTRACT #WWTP-401A: FURNISH AND DELIVER COMPLETE ULTRAVIOLET DISINFECTION SYSTEM TO REPLACE EXISTING CHLORINE DISINFECTION SYSTEM UNDER COSTARS CONTRACT #016-123 AT THE WASTEWATER TREATMENT PLANT

Dr. Rajput stated that the contractor has delivered all six (6) units of Ultraviolet (UV) System to the plant and the remaining delivery of UV bulbs for all the six units will be delivered during the installation of the UV units.

CONTRACT #WWTP-401B: INSTALLATION OF ULTRAVIOLET DISINFECTION SYSTEM IN THE CHLORINE CONTACT BASINS AT THE WASTEWATER TREATMENT UNDER COSTARS CONTRACT #016-187

Dr. Rajput stated that as per the requirements of the Contract, the contractor unloaded the shipment of the UV units delivered to the plant. A project progress meeting was held February 10, 2023, with Eastern Environmental Contractors (EEC) and Sherwood Logan Associates, Inc. to discuss the project schedule, construction and installation sequence, outstanding issues and remaining shop drawing submittals review.

PROJECT #WWTP-440: TURNKEY ENGINEERING DESIGN BUILD COMPLETE SOLAR PV CANOPY SYSTEM OVER UV/CHLORINE DISINFECTION BASINS AT THE WASTEWATER TREATMENT PLANT

Dr. Rajput informed the Board of Directors, that Ingram Engineering Services has completed their geotechnical investigation and has provided their foundation design for the canopy. The report is being reviewed.

WASTEWATER TREATMENT PLANT NPDES PERMIT

Dr. Rajput stated that we have completed review of the draft NPDES permit received from PADEP. We have sent our review comments to USEPA and PADEP for their review and consideration.

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WASTEWATER TREATMENT PLANT OPERATOR STANDARD OPERATING PROCEDURES TRAINING

Dr. Rajput stated that we provided Standard Operating Procedures (SOPs) training to the operators and mechanics of the Wastewater Treatment Plant on February 16, 2023.

WASTEWATER TREATMENT PLANT LABORATORY

Dr. Rajput has completed, the revised Methods Manual/ SOPs, per PADEP requirements for our Wastewater Treatment Laboratory was submitted to PADEP.

Solicitor's Report

Mr. McGuigan, Esquire, via telephone, stated that there was an executive session from 6:30 pm. to 6:55 pm. at which time personnel matters and the Robidoux case were discussed.

Finance Manager's Report

Mrs. Dunn reported the Authority is doing well and submitted her financial report to the Board of Directors for informational purposes.

Old Business

There was no old business brought before the Board.

New Business

There was no new business.

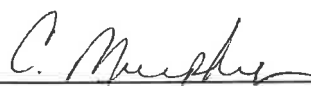
Public Participation

No public participation.

Adjournment

Mr. Morgan made a motion, seconded by Mrs. Murphy, to adjourn the board meeting at 7:23 p.m. Motion carried unanimously.

Respectfully submitted by:


Cindy Murphy, Assistant Secretary