

# *Lower Bucks County Joint Municipal Authority*

## *Board Meeting Minutes ~ March 25, 2021*

The Board Directors of Lower Bucks County Joint Municipal Authority held their monthly meeting on Thursday, March 25, 2021 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 for all those who keep us safe every day. Mr. Glasson thanked the Authority's Board of Directors, Managing Director and the Authority's employees for their concerns during the loss of his sister.

### **Roll Call**

Mrs. Burnell took roll call as follows:

**Present:** Michele Hammar  
Joe Glasson  
James Chase  
John Monahan  
Cynthia Murphy

**Absent:** Michael Sidoti

**Also Present:** Vijay Rajput, Ph.D., P.E., Managing Director/Director of Operations  
Phil Smythe, Field Technician  
Mike Andrews, WWTP Manager/ Engineering Assistant  
Nancy Burnell, Meter Department Supervisor  
Colleen Dunn, Finance Manager  
James A. Downey, III, Solicitor

### **Public Participation**

There wasn't any public participation.

# *Lower Bucks County Joint Municipal Authority*

## *Board Meeting Minutes ~ March 25, 2021*

### **Approval of the March's 2021 Accounts Payable**

**Motion:** Mr. Chase made a motion, seconded by Mrs. Murphy to approve March's 2021 Accounts Payables as presented to the Board Directors.

#### **Roll Call on the Motion**

Mr. Monahan	Aye
Mrs. Murphy	Aye
Mr. Chase	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye

**Motion carried unanimously.**

\* Mr. Glasson abstained from any invoices to McIntyre Plumbing, Benjamin Franklin Plumbing & Glasson Enterprises for the year 2021.

### **Approval of the February 25, 2021 Board Meeting Minutes**

**Motion:** Mrs. Murphy made a motion, seconded by Mr. Monahan, to approve February 25, 2021 Board Meeting Minutes.

#### **Roll Call on the Motion**

Mr. Monahan	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Abstained
Mrs. Hammar	Aye

**Motion carried unanimously.**

### **Managing Directors Report**

Dr. Rajput reported that Authority participated in the 2021-2022 Bucks County Consortium Highway Materials joint bid. We participate generally to purchase #2B ¾" stone and #2A stone mix also referred to as 2A modified stone. Dr. Rajput stated that bids were opened on February 26, 2021 by the Bucks County Consortium for the purchase of Crushed Stone Aggregate, Asphalt Paving Materials, and Associated Highway Products. The results of the bids along with supporting documents were forwarded to us for review and award consideration. In our case, we use 2B- ¾ stone, 2A stone mix and screened topsoil.

Dr. Rajput presented that review of bid results show that Eureka Stone Quarry, Inc. was the lowest bidder for both No. 2A Stone Mix and No. 2B ¾ Stone. Eureka Stone Quarry, Inc. is the Authority's current supplier. There were no bidders for the supply of screened topsoil or fill dirt material.

# *Lower Bucks County Joint Municipal Authority*

## *Board Meeting Minutes ~ March 25, 2021*

Dr. Rajput recommended awarding Contract **WWTP-420 -Furnish and supply stone during 2021-2022 to Eureka Stone, Inc., 800 Lower State Road, Chalfont, PA 18914** for a period beginning April 1, 2021 to March 31, 2022 as per the specifications and general conditions contained in the bid documents supplied by Bucks County Consortium of Municipalities for the bid prices Bid price of \$15.00/ton delivered for 2A Stone Mix and bid price of \$20.75 per ton delivered for No. 2B  $\frac{3}{4}$  Stone (based on delivery from Rush Valley).

**Motion:** Mr. Chase made a motion, seconded by Mrs. Murphy to approve Contract No. WWTP – 420- Furnish and Supply Stone During 2021-2022 to Eureka Stone Quarry, Inc., 800 Lower State road, Chalfont, PA. 18914 for \$15.00/ton delivered from Rush Valley and \$20.75/ton delivered from Rush Valley.

### Roll Call on the Motion

Mr. Monahan	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye

**Motion carried unanimously.**

Dr. Rajput presented that the Contract number WTP 423 involves purchasing two (2) 10-inch rotary pump control valve (hydraulically actuated ball valve with manual override) and two (2) 8-inch rotary pump control valves which are hydraulically actuated ball valve with manual override to replace the existing old valves for the existing four (4) high service pumps at the Water Treatment Plant. Dr. Rajput stated that the existing valves are in very poor condition and beyond repair and need to be replaced. These are very long lead items (approximately 6-7 months lead time). We have received proposals for the purchase of the required four (4) valves from Edwin Elliot & Co., Lafayette Hills, Pennsylvania under COSTARS Contract Number 016-093. The total quoted cost for four (4) valves under the COSTARS Contract is \$164,800.00. Dr. Rajput stated that this project is a part of 2021 capital Improvement budget with total allocated Capital Improvement budget amount for \$190,000.00.

Dr. Rajput request the Boards consideration for the approval of purchasing the four (4) Rotary pump control valves for the replacement of the existing valves for the high service pumps at the Water Treatment Plant with a total quoted cost of \$164,800.00 from Edwin Elliot & Co., Lafayette Hills, PA. under COSTARS Contract Number 016-093.

**Motion:** Mrs. Murphy made a motion, seconded by Mr. Chase to approve Contract No. WTP- 423: Purchase of Four (4) Rotary Pump Control Valve for Four (4) High Service

# *Lower Bucks County Joint Municipal Authority*

## *Board Meeting Minutes ~ March 25, 2021*

Pump for the Replacement of the Existing Valves from Edwin Elliot & Co. Lafayette Hills, PA. with a total quoted cost of \$164,800.00 (Under Costar Contract Number 016-093)

### Roll Call on the Motion

Mr. Monahan	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye

**Motion carried unanimously.**

Dr. Rajput stated that the Contract number WWTP 421 involves purchase of one WA 320-8 Komat'su wheel loader under Sourcewell contract. Currently, we need to rent a wheel loader from time to time to work on water main replacements/water main repair projects, loading of dirt for disposal, loading stones and emergency repairs. This wheel loader will allow our field crew to move stone and dirt more efficiently and safely and will pay for itself. Dr. Rajput stated that we have received a quote prepared by Barry Talley of KOMAT'SU for the purchase of a WA 320-8 KOMAT'SU wheel loader with 3.5 cubic yard buckets, coupler, JRB hydraulic Forks, GEM 96" x 72" severe duty and with premier 4-year (5,000 hour) warranty. The quoted price is \$206,151.00 under Sourcewell Contract # 032119-KOM. Dr. Rajput requested the Board for its consideration to approve purchasing a new WA 320-8 KOMAT'SU wheel loader with 3.5 cubic yard buckets, coupler, JRB hydraulic Forks, GEM 96" x 72" severe duty and with premier 4-year (5,000 hour) warranty with a price not to exceed \$210,000.00 from KOMAT'SU under Sourcewell contract # 032119-KOM

**Motion:** Mrs. Murphy made a motion, seconded by Mrs. Hammer to approve Contract WWTP- 421: Purchase of One WA 320-8 KOMAT'SU Wheel Loader with 3.5 cubic yard buckets, coupler, JRB hydraulic Forks, GEM 96" x 72" severe duty and with premier 4-year (5,000 hour) warranty with a price not to exceed \$210,000.00 from KOMAT'SU under Sourcewell contract#-032119-KOM

### Roll Call on the Motion

Mr. Monahan	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye

**Motion carried unanimously.**

# *Lower Bucks County Joint Municipal Authority*

## *Board Meeting Minutes ~ March 25, 2021*

Dr. Rajput stated that under the ongoing vehicle replacement program, we would like to recommend replacing the existing 2013 Ford F-150 Vehicle (W-1) at the Water Treatment Plant. This vehicle has approximately 81,426 miles. It is our opinion that it is more economical to replace this vehicle than putting more money into its repair/rehabilitation work. We are also proposing to trade in this vehicle. We have received proposals/quotations prepared by Fred Beans Ford of Langhorne under COSTARS Contract #26-119, for a 2021 Ranger 4X4 Super crew - Lariat (R4F) truck with quoted price under the COSTAR contract is \$42,382.87 and total Price without COSTAR \$\$46,663, therefore, COSTARS Discount received on this vehicle is \$4,280.13. Dr. Rajput requested the Board for its consideration to approve purchasing the 2021 Ranger 4X4 Super crew -Lariat truck with a total cost not to exceed \$42,382.87 from Fred Beans Ford of Langhorne under COSTARS contract #26-119, and trade in the 2013 Ford F-150 truck (Vehicle No. W-1) for the amount of \$9,200.00 and apply credit toward the purchase of the new vehicle. Dr. Rajput stated that with trade in the actual amount of the above 2021 Ranger 4X4 Super crew Lariat truck will be approximately \$33,182.87.

**Motion:** Mr. Chase made a motion, seconded by Mrs. Hammer to approve purchasing the 2021 Ranger 4X4 Super crew -Lariat truck with a total cost not to exceed \$42,382.87 from Fred Beans Ford of Langhorne under COSTARS contract #26-119, and trade in the 2013 Ford F-150 truck (Vehicle No. W-1) for the amount of \$9,200.00 and apply credit toward the purchase of the new vehicle.

### Roll Call on the Motion

Mr. Monahan	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye

**Motion carried unanimously.**

Dr. Rajput stated that the Contract number WWTP 422 involves replacement of the existing 1972 forklift at the wastewater treatment plant. Dr. Rajput presented that the existing 1972 Hyster forklift at the Wastewater Treatment Plant needs to be replaced. The forklift was originally purchased during 1972 and has become much more of an operational issue lately. The transmission is beginning to slip on the equipment. It is our opinion that it is not worth putting any additional money on repairing this unit. We primarily use this forklift to move the dumpsters (dewatered sludge), unload tractor trailer deliveries, move equipment etc. We have received quotations to replace the existing 1972 Hyster H-130F forklift with a new 2021 Hyster H-130FT with the required accessories from Richard Petrillo of Eastern Lift Truck Co., Maple Shade, New Jersey

# *Lower Bucks County Joint Municipal Authority*

## *Board Meeting Minutes ~ March 25, 2021*

under COSTAR contract # 4400021189 for the quoted price of \$62,793.25. Based on our review of the quotations and specifications of the quoted forklift, Dr. Rajput requested the

Board to purchase one new 2021 Hyster H-130FT forklift truck (13,500lb capacity) with the required accessories from Eastern Lift Truck Co., Maple Shade, New Jersey under COSTAR contract # 4400021189 for a price not to exceed \$65,000.00 and to trade in existing 1972 Hyster forklift for approximately \$1,000.00. Therefore, the actual amount for the above forklift will be approximately \$61,793,25.

**Motion:** Mrs. Murphy made a motion, seconded by Mr. Chase to approve purchasing one new 2021 Hyster H-130FT forklift truck (13,500lb capacity) with the required accessories from Eastern Lift Truck Co., Maple Shade, New Jersey under COSTAR contract # 4400021189 for a price not to exceed \$65,000.00 and to trade in existing 1972 Hyster forklift for approximately \$1,000.00 and apply trade in amount toward the purchase of new forklift.

### Roll Call on the Motion

Mr. Monahan	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye

**Motion carried unanimously.**

### **TRACER STUDY AT WATER TREATMENT PLANT**

Dr. Rajput presented that in order to comply with the requirements of PADEP, we contacted companies with experience in performing PADEP required Tracer studies and requested quotations/proposal for performing specialized tracer study to determine actual baffling factor and chlorine contact time. In this regard, GHD submitted their professional proposal to perform the required tracer study in compliance with the requirements of PADEP. Dr. Rajput is requested the Boards consideration to accept proposal from GHD with total cost not to exceed \$22,000 of which \$20,000 if for the study and \$2,000 is for materials to complete specialized tracer study to determine actual baffling factor and chlorine contact time and submit the report of study to PADEP and Authorize me to execute the proposal.

**Motion:** Mrs. Murphy made a motion, seconded by Mr. Chase to accept the proposal from GHD with a total amount not to exceed \$22,000 to complete the required tracer study as recommended by Dr. Rajput and authorize Dr. Rajput to execute the proposal from GHD.

# *Lower Bucks County Joint Municipal Authority*

## *Board Meeting Minutes ~ March 25, 2021*

### Roll Call on the Motion

Mr. Monahan	Aye
Mr. Chase	Aye
Mrs. Murphy	Aye
Mr. Glasson	Aye
Mrs. Hammar	Aye

**Motion carried unanimously.**

### **Dr. Rajput stated that the following items of his report are for the Board information and update:**

#### CONTRACT WWTP-419: REPLACEMENT OF EXISTING ODOR CONTROL WET CHEMICAL SCRUBBER WITH NEUTRALOX® PHOTOIONIZATION SYSTEM AT KENWOOD WASTEWATER PUMP STATION

AMBIO Biofiltration LTD has informed us that delivery of this system is scheduled for the last week of June or the first week of July 2021 depending upon Covid situation. We have received a copy of the Draft permit from PADEP for the replacement of the scrubber with a Photoionization odor control system for our review and comments. We have completed our review and submitted our comments to PADEP. We thought the permit is well written and provides excellent operational flexibility.

#### CONTRACT WWTP-407B: INSTALL TWO (2) AUTOMATIC FINE SEWAGE SCREENING SYSTEMS WITH TWO (2) WASHING COMPACTORS (CAPITAL IMPROVEMENT PROJECT)

The contractor has started installation work and is making satisfactory progress. The contractor is in the process of completing installation of one of two screens.

#### CONTRACT WWTP-407A: FURNISH AND DELIVER TWO (2) AUTOMATIC CENTER FLOW FINE SEWAGE SCREENING SYSTEMS WITH TWO (2) WASHING COMPACTOR SYSTEMS UNDER THE COSTARS CONTRACT NO. 016-123 (CAPITAL IMPROVEMENT PROJECT)

As stated above under the Contract WWTP-407B, the contractor (Sherwood-Logan & Associates, Inc.) has delivered the screening system and the installation contractor (Eastern Environmental Contractors, Inc.) has already started installation work.

#### ANNUAL BIOSOLIDS REPORT (SLUDGE DMR) TO USEPA –WASTEWATER TREATMENT PLANT

# *Lower Bucks County Joint Municipal Authority*

## *Board Meeting Minutes ~ March 25, 2021*

We have completed and submitted the required Annual Bio Solids Report (Sludge DMR) for the reporting year of 2020 for our Wastewater Treatment Plant to the USEPA. We would like to thank Jennifer Smythe for her excellent assistant in preparing and electronically submission to USEPA.

### ANNUAL WASTELOAD MANAGEMENT REPORT (CHAPTER 94 REPORT)

We are continuing preparation of the required annual Chapter 94 Report (Annual Wasteload Management report) for the Authority's Wastewater System for the reporting year of 2020. Jennifer Smythe is assisting in preparation of this annual Waste Load report. This report is due for submission electronically by March 31, 2021.

### PRETREATMENT ANNUAL REPORT

We are continuing preparation of the required Pretreatment Program Annual Report for the reporting year of 2020. Susan Wallover is assisting in preparation of this this Annual Pretreatment report. This report is due for submission electronically by March 31, 2021.

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

As per the requirements of the DRBC, we are continuing performing the required annual water audit of our water system for the reporting year of 2020. The completed water audit report will be submitted electronically to DRBC as per their requirements. This report is due by March 31, 2021.

### PRETREATMENT PROGRAM: REVISED DISCHARGE LOCAL LIMIT

As per the requirements of USEPA, we need to submit a copy of adopted resolution, proof of advertisement and copies of documentation submitted to four municipalities (Bristol Township, Tullytown Borough, Falls Township and Middletown Township) for their review and considerations to revise (or create) its ordinance to support the Authority as their agents to enforce the local limits noted in the Authority's Pretreatment Program, to USEPA. We will schedule a meeting with Mr. James A. Downey, III, Esquire to go over the documents for submission to USEPA.

### CONTRACT WTP-418: REPLACEMENT OF FILTER MEDIA AT WATER TREATMENT PLANT

We are continuing to work on compiling the required information for preparation of technical specifications and contract documents for the replacement of existing media of the existing four high-rate dual media filters for bidding process.

# *Lower Bucks County Joint Municipal Authority*

## *Board Meeting Minutes ~ March 25, 2021*

### WATER TREATMENT PLANT LABORATORY

In compliance with the Chapter 252 Assessment Report from PADEP (PADEP Bureau of Laboratory), we have prepared and submitted a required Corrective Action Report and supporting documents and submitted to PADEP through a letter dated February 8, 2021.

### COVID-19

We are continuing to implement and practice all the required precautionary and preventive measures and maintaining the required operations of our water and wastewater systems.

### WATER AND WASTEWATER SYSTEMS

The average daily drinking water supplied for the month of February was approximately 6.19 MGD. The monthly average effluent flow from the wastewater treatment plant for the month of February was approximately 9.16 MGD. Both the water treatment plant and wastewater treatment plant are operating and performing well.

### **Solicitor's Report – James A. Downey, III, Esquire**

There was an executive session from 6:30 pm. to 7:00 pm. at which time personnel and litigation matters were discussed.

Case# 2021-01134

### **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 brought before the Board.

*Lower Bucks County Joint Municipal Authority*  
*Board Meeting Minutes ~ March 25, 2021*

**Adjournment**

Mr. Chase made a motion, seconded by Mrs. Hammar, to adjourn the Board meeting at 7:27 p.m.

**Motion carried unanimously.**

Respectfully submitted by:

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Cynthia Murphy  
Secretary