

MINUTES
OPERATIONS & ENGINEERING COMMITTEE MEETING
APRIL 11, 2023

Attendants: Messrs. Cherico, DiSantis, Hurst, Kern, Knapp, Lehman, Moss, Mullen, Nagle, Willert, and Mesdames Amadio, Billings, Bonnett, Caulk, Cummings, Nichols, and Sage.

1. ROLL CALL: Eight members of the DELCORA Board of Directors were present at the meeting constituting a quorum.

The following was present for the bid opening: Joe McGinn III of City Wide Facility Solutions. Also present were S. Vinci and Mike Ewall. There were no other members of the public present.

2. PLEDGE OF ALLEGIANCE: All parties present at the meeting recited the Pledge of Allegiance.

3. BID OPENINGS:

- Contract No. P2023-02 – Janitorial Services

Ms. Caulk stated that there were two bids received.

	<u>TOTAL BID AMOUNT</u>
City Wide Facility Solutions	\$36,396.00
Golden, Inc.	\$27,600.00

Mr. Mullen stated that these bids will be reviewed by Staff and our Solicitor's office, and consideration of award will be placed on the agenda for the April 18th Board meeting.

- Contract No. P2023-03 – Polymer Flocculant For A Dewatering Process

Ms. Caulk stated that there was one bid received.

	<u>TOTAL BID AMOUNT</u>
SNF Polydyne, Inc.	\$869,722.00

Mr. Mullen stated that this bid will be reviewed by Staff and our Solicitor's office, and consideration of award will be placed on the agenda for the April 18th Board meeting.

- Contract No. P2023-04 – Polymer Flocculant For Sludge Thickening

Ms. Caulk stated that there was one bid received.

	<u>TOTAL BID AMOUNT</u>
SNF Polydyne, Inc.	\$147,825.00

Mr. Mullen stated that this bid will be reviewed by Staff and our Solicitor's office, and consideration of award will be placed on the agenda for the April 18th Board meeting.

4. MONTHLY REPORT – DIRECTOR OF OPERATIONS & MAINTENANCE: Mr. DiSantis highlighted certain items in the written report. He stated that there was one NPDES violation at the WRTP for exceeding the maximum total residual chlorine. That was one reading that was over 1.0. There is now an automated system that has been operating very well for the past few months. High humidity caused an alarm within the controller that shut it off. That issue of humidity has since been addressed. Regarding the remote facilities, Mr. DiSantis stated there were two violations at the Pocopson Preserve system. Due to excessive algae which causes high TSS concentrations, both the monthly maximum and monthly average were exceeded. We continue to treat this system for excess algae and another treatment was performed last week. Regarding reportable incidents, he stated that there were two dry weather sanitary sewer overflows (SSOs). One was at the Chadds Ford Township Sewer Authority's Ridings Pump Station. The main breaker had tripped and the root cause has not yet been determined. The other SSO occurred on the Pocopson Preserve system when a large piece of grease created a line blockage and was quickly addressed. Mr. DiSantis also reported that there were three emissions incidents. One incident was caused by a piece of slag that clogged a sample port causing an erroneous error leading to a safety feature to be enacted. These sample ports are now routinely cleared. There was also an instantaneous power interruption which will be addressed by the planned power solution (Sure Power). He stated that there was a broken neutral wire on ID fan feedback. Routinely, the contractors and staff inspect the controls, checking every terminal block for tightening and for loose wire connections. Some of this is due to the atmosphere in that building and the system to address that issue has done a very good job; however, another issue was found where there was uncontrolled air within the rooms of the building. Attempts are being made to keep the bad air segregated to where it can be treated and keep the good air in the other rooms.

Regarding flow, Mr. DiSantis reported that March was a rather dry month and that effluent quality was good throughout the month as indicated by the TSS and cBOD concentrations. In solids handling, both incinerators were in service for 83% of the month with more typical production numbers. Stack testing performed in February negatively affected those numbers. Mr. DiSantis also stated that there were no system failures during the month and work performed by Central Maintenance was 58% planned and predictive, and 42% corrective. Due to the non-winter like weather, Sewer Maintenance was able to continue with more routine line cleaning and televising. Lastly, he stated that about 23.58 million gallons of hauled waste was received, similar to the prior month. Mr. DiSantis had no additional comments to the written report. The Committee had no questions regarding the written report.

5. MONTHLY REPORT – DIRECTOR OF ENGINEERING: Mr. Hurst highlighted certain items in the written report. Regarding the Sewer Maintenance contract, he stated that included in the list of work that was done is one item regarding depressions along the Chester bulkhead discovered during a bulkhead inspection. There is a proposal on the agenda for consideration to proceed with the design of the bulkhead replacement that he will address later in the agenda. Under the Incinerator Maintenance contract, he stated that the main stack damper and seal were replaced on Incinerator #1 as preventative maintenance, and, at the same time, the incinerator was de-slagged.

Referring to the T-28 Construction and PS-5 Modifications project, Mr. Hurst reported that this project is almost complete with some additional pumping work that is being completed in PS-5 and other miscellaneous cleanup being done around the plant. Concerning the CCTV Inspection & Repair Project in Edgmont/Middletown/Rose Valley, he reported that some smoke testing and sewer investigation work was completed with a bit more work remaining. The project is expected to be closed out shortly. Addressing the Townsend Street project, Mr. Hurst stated that the project has formally kicked off with a pre-construction meeting on March 1st. This project is for the installation of new pipe that extends from Memorial Park down to the river. There was a Community Outreach effort, including some door-to-door activities, and a meeting was held today for anyone interested in learning more about the project. DELCORA is actively engaging with the community, particularly the Marketplace area, to mitigate any impacts caused by the construction. There has not been any community response to date but we will continue to reach out.

Reporting on the Tunnel Program, Mr. Hurst stated that we continue to proceed with land acquisition and finalizing a design for site prep. The tunnel design is complete. We are waiting for permit approval and for some further clarity on the Philadelphia contract, as previously discussed. Regarding the Cake Pump project, Mr. Hurst stated that this is in a phase of evaluating alternate pumping technology. A site visit to another plant is scheduled for tomorrow to evaluate another style pump called a 'progressing cavity pump' that could possibly be more reliable and less maintenance intensive than the current piston style pumps. He will provide an update on that after the visit. Mr. Hurst also stated that the design for the Outfall and Diffuser project is largely complete and entering the permit phase. This work is out in the Delaware River so there are many permits to obtain. There is a pre-application meeting scheduled for this Thursday with multiple agencies. He also mentioned the Regulatory filings and Pretreatment activities listed on the written report. Mr. Hurst had no additional comments to the written report. The Committee had no questions regarding the written report.

6. MONTHLY REPORT – ENGINEERING ADVISOR: Mr. Lehman highlighted several on-going projects on the written report, which had been provided to all Board members in advance of today's meeting. He stated that the Chapter 94 report for 2022 was completed and submitted electronically to the PADEP. He thanked the DELCORA staff for their efforts in compiling all of the information required. Also, the Annual SWMM Modeling continues to proceed and the Metering Program continues to operate as normal. He processes the reported flows every month. Mr. Lehman had no additional comments to the written report. The Committee had no questions regarding the written report.

7. CHANGE ORDERS: Mr. Mullen stated that there were no Contract Change Orders at this time.

8. REQUEST FOR APPROVAL OF CONTRACT CLOSE-OUT & FINAL PAYMENT: Mr. Mullen stated that there were no Contract Close-Outs at this time.

9. AUTHORIZATION FOR PROFESSIONAL SERVICES:

- A. Remington & Vernick Engineers – Proposal Dated March 16, 2023 – For Professional Engineering Services For The Design Of The Replacement Of An Existing Bulkhead At The Chester Pump Station – Total Amount Not To Exceed \$91,200.00 (Capital Funds)

Mr. Hurst stated that, as a result of an inspection of the bulkhead at WRTP, this proposal is for the design of a replacement bulkhead. He noted that numerous temporary fixes have been done through the years and now it has reached the end of its life expectancy, and needs full replacement. Remington & Vernick has extensive experience doing this kind of work out in rivers. This proposal includes the full design, preparation of bid documents, and securing the required permits.

It was the consensus of the Committee to recommend Board approval of the above proposal. This item will be placed on the agenda for the April 18th Board meeting.

10. AUTHORIZATION TO ADVERTISE FOR BIDS:

- Contract No. TC-2302-C – WRTP Outfall & Diffuser Project

Mr. Hurst stated that this project is still about a year away from actually being advertised due to the permit work required, as he just mentioned. He wanted to have the contract number assigned now so once the bid documents are finalized, it can be advertised without delay.

It was the consensus of the Committee to recommend Board approval of the above Authorization to Advertise. This item will be placed on the agenda for the April 18th Board meeting.

11. AUTHORIZATION TO PURCHASE:

- HOWDEN USA – Proposal Dated March 27, 2023 – For Service, Supervision And Parts For A Class I And Class II Service On TURBLEX KA22-SV-GL225 Through The PA COSTARS Contract ID #528887 – Total Amount Not To Exceed \$22,426.00 (Operating Funds)

Mr. DiSantis reminded the Board of the previous issues with the PA CO-STARs program but the system has returned to normal operations so he was able to get a PA CO-STARs quote for a lower amount for this Howden USA proposal that was tabled at last month's Board meeting.

It was the consensus of the Committee to recommend Board approval of the above purchase. This item will be placed on the agenda for the April 18th Board meeting.

- KAPPE Associates, Inc. – Quote #3272023-D-1 Dated April 5, 2023 – For Purchase Of One FAIRBANKS 11M 7000UW Vertical Turbine Pump Through PA COSTARS #016-E23-310 – Total Amount Not To Exceed \$75,020.00 (Capital Funds)

Mr. DiSantis stated that this pump is located at the Pocopson Riverside facility. The pumps are original equipment and have been in service for fifteen years. There is a 28 week lead time for a new pump. A repaired pump can then be kept as a spare for this facility. This is the first capital purchase for this facility in the fourteen years that the Authority has owned it.

It was the consensus of the Committee to recommend Board approval of the above purchase. This item will be placed on the agenda for the April 18th Board meeting.

In response to a question from Ms. Nichols, Mr. DiSantis stated that for the purchase of the Jet/Vac truck a few months ago, we had to use another governmental cooperative purchasing program and not PA CO-STARS because of the issues with that program at that time, and because of the year and a half lead time for delivery of the new truck.

ADJOURNMENT: It was moved by Mr. Nagle, seconded by Mr. Knapp, and unanimously carried to adjourn the regular meeting at 3:50 p.m.