

MINUTES
OPERATIONS & ENGINEERING COMMITTEE MEETING
MAY 9, 2023

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

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

The following were present: Peggy Ries Alter, Mike Ewall, and a person identified as "Loan" via Zoom.com. 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. P2023-05 – Sodium Bisulfite (38%)

Ms. Caulk stated that there was one bid received.

	<u>TOTAL BID AMOUNT</u>
Coyne Chemical Co., Inc.	\$81,162.00

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 May 17th Board meeting.

- Contract No. P2023-06 – Primary Clarifier Spare Parts

Mr. Hurst stated that there were no bids received for this contract and that there was a proposal received under the PA COSTARS contract. This option will be reviewed with staff and the solicitor, and he will report further on this at next week's Board meeting.

4. MONTHLY REPORT – DIRECTOR OF OPERATIONS & MAINTENANCE: Mr. DiSantis highlighted certain items in the written report. He stated that flow during the month of April was very similar to March with one rain event on the last weekend of the month. He stated that all parameters were in compliance during the month. Regarding solids handling, he reported that it was a really good month overall with a very high amount of uptime at 94%. Also, polymer and natural gas usage were both lower than last month. Regarding reportable incidents, he stated that there were three Sanitary Sewer Overflows (SSOs) and one for emissions. One SSO was a dry weather event that occurred at Norwood's Martin Lane Pump Station due to electrical problems caused by a squirrel. Squirrels are a major cause of electrical issues at times. The other two were wet weather SSOs; one at the Martin Lane (Norwood) Pump Station and one at the Muckinipates Pump Station. At the Muckinipates Pump Station, one of three pumps is out of service. The station is designed to be a two pump operation with one standby pump but due to I&I issues, three pumps are normally run during big rain events. Upgrades are planned for these three pumps and we are working with Engineering on a

resolution that would allow for only two pumps to run, even during rain events. Mr. DiSantis stated the one emissions incident was caused by a failure of one of PECO's supply lines that disrupts the operation of the sensitive automation equipment in solids handling. As mentioned before, the solution for these types of incidents, namely SurePower, is currently under construction. Reporting on maintenance activities, Mr. DiSantis stated that sewer maintenance performed a great deal of routine line cleaning and televising, and that central maintenance addressed some major issues at several of the larger pump stations. Lastly, he stated that hauled waste received the lowest amount so far this year but revenue is still expected to meet target. 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. He noted that the SurePower project, mentioned under Mr. DiSantis' report, will be added to his monthly report as it is now a formal project, the contract was signed, and work has begun. Submittals were received for the actual UPS (Uninterruptable Power Supply) which is an enormous battery system that will operate during those power outages. Delivery is expected in about one year. Regarding the Sewer Maintenance contract, he stated that miscellaneous vault repairs were done on the influent pipelines at the WRTP and routine maintenance was performed on the Central Force Main air release valves to keep that system functioning properly. He also stated that miscellaneous paving repairs were completed. Concerning the Incinerator Maintenance contract, he reported that there was a second pop top that was replaced. It's the top of the incinerator system that keeps the emissions inside except during an emergency. During that shutdown, the second unit was deslagged and a damaged piece on hearth #3 was replaced. Referring to the T-28 Construction project, Mr. Hurst reported that the new clarifier continues to operate very well and, on Monday, a major bypass operation was started so some original valves from the 1970's could be replaced that have never been replaced before and have been non-functional for quite a few years. A temporary bypass pump system is set up to pump all flow into the new clarifier and its large adjacent clarifier. The four smaller clarifiers were shut down to perform the major valve replacement. Addressing the Townsend Street project, Mr. Hurst stated that during field inspection, it was discovered that the PECO's duct banks were about 5 feet tall instead of the normal size of 2-2 ½ feet as shown on the PECO as-builts and they are in the way of the planned installation of the new pipe for this project. PECO is actively engaged in determining how to get these relocated in order to allow this project to move forward. PECO does not charge public utilities for this work but this issue will delay the project. He will provide updates to the Board when he has more information. As suggested by Mr. Willert, Mr. Hurst stated that he will notify the City, the Stormwater Authority, the area residents and businesses about the reason for the delay, and will also keep them all updated on the timing of project.

Regarding the ESA Program, Mr. Hurst reported that the design of the tunnel is complete and the Pump Station Upgrades project continues to be finalized, and the designer, HDR, will soon issue bid ready documents in the next several weeks, so the upgrades design will be complete. Concerning the Third Cake Pump project, he stated that they visited the Blue Plains plant in Washington, DC, to evaluate an alternate pumping approach to our current piston style pumps. An internal meeting with

engineering, operations and maintenance is scheduled to discuss what was learned and to determine a course of action. Reporting on the Outfall project, Mr. Hurst stated that the design is largely complete and there is a 100% deliverable expected this month. Now begins the task of acquiring the necessary types of permits to perform work in the river. Many of the permit applications will be submitted within the next month. He also briefly 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 Annual SWMM Modeling continues to proceed and the Metering Program continues to operate as normal. There have been no significant issues with any project. Mr. Lehman had no additional comments to the written report. The Committee had no questions regarding the written report.

7. CHANGE ORDERS:

- Contract No. SEW-2007-C – CCTV Inspection And Repair Project Egmont, Middletown And Rose Valley – Change Order No. 2 – Decrease In Contract Price And Increase In Contract Days To Close Out Contract – Decrease In Contract Amount Of \$133,935.40 And Increase In Contract Time By 59 Days (Mobile Dredging & Video)

Mr. Hurst stated that this change order reconciles the time and money spent on the job reflecting a decrease in the amount of scope on this project. Some of the work was transferred to Bradford Engineering under a previous proposal.

It was the consensus of the Committee to recommend Board approval of the above change order. This item will be placed on the agenda for the May 17th Board meeting.

8. REQUEST FOR APPROVAL OF CONTRACT CLOSE-OUT & FINAL PAYMENT:

- Contract No. SEW-2007-C – CCTV Inspection And Repair Project Egmont, Middletown And Rose Valley (Mobile Dredging & Video)

It was the consensus of the Committee to recommend Board approval of the above contract close out and final payment. This item will be placed on the agenda for the May 17th Board meeting.

9. AUTHORIZATION FOR PROFESSIONAL SERVICES: Mr. Mullen stated that there were no Authorizations for Professional Services at this time.

10. AUTHORIZATION TO ADVERTISE FOR BIDS: Mr. Mullen stated that there were no Authorizations to Advertise for Bids at this time.

11. AUTHORIZATION TO PURCHASE:

- DRV Inc. – Quote #18153 Dated April 12, 2023 – For Purchase Of A Variable Frequency Drive For The Central Delaware County Pump Station Through PA COSTARS #016-E22-197 – Total Amount Not To Exceed \$47,536.78 (Capital Funds)
- DRV Inc. – Quote #18171 Dated April 17, 2023 – For Purchase Of A Variable Frequency Drive For The Darby Creek Pump Station Through PA COSTARS #016-E22-197 – Total Amount Not To Exceed \$72,473.00 (Capital Funds)

Mr. DiSantis stated that these are standard purchases through the PA COSTARS program. Yaskawa is the manufacturer and DRV is the vendor.

It was the consensus of the Committee to recommend Board approval of the above purchases. These items will be placed on the agenda for the May 17th Board meeting.

- Fybroc Pump Parts – Quote #00089508 Dated April 21, 2023 – For Purchase Of Scrubber Water Pump Impellers And Repair Parts Through Sole Source Vendor (SUNAIR Company) – Total Amount Not To Exceed \$42,451.83 (Capital Funds)

Mr. DiSantis stated that these are used to scrub the incinerator stacks. These are larger impellers to increase the water flow. We can only buy Fybroc parts since these are Fybroc pumps. These are specially coated pumps that operate in a low pH environment and high temperature.

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 May 17th Board meeting.

- Levan Machine – Quote #30499 Dated April 3, 2023 – For Purchase And Installation Of Four Steel Utility Bodies, Spray Liners, And Running Boards Through PA COSTARS #025-E22-435 – Total Amount Not To Exceed \$43,904.00 (Capital Funds)

Mr. DiSantis stated that these are four Knapheide steel utility bodies for trucks that were delivered recently which are used by Central Maintenance.

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 May 17th Board meeting.

- Duke's Root Control, Inc. – Quote Dated March 17, 2023 – For Purchase Of Sanitary Sewer Mainline Smoke Testing Program Through PA COSTARS #016-E22-232 – Total Amount Not To Exceed \$82,054.75 (Capital Funds)

Mr. Hurst stated that the smoke testing is planned for Parkside and Upland, and small pieces of Marcus Hook and Aston; areas that leak particularly badly into the Southwest Authority. This firm has performed all of the smoke testing for the three eastern

authorities. Their reports have been reviewed and staff has been pleased with the work they have done.

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 May 17th Board meeting.

- Geiger Pump & Equipment Company – Quote #Q-230414-11531-T3-0 Dated April 14, 2023 – For Purchase Of Polychem Flight Chain, Sprockets And Wear Strips For Primary Tanks Through PA COSTARS #016-E22-257 – Total Amount Not To Exceed \$44,161.94 (Capital Funds)

Mr. DiSantis stated that this purchase is for a different type of chain that will be used in a real-time, side-by-side comparison against the type of chain currently used from a different vendor. This chain is less expensive than the chain currently used. A decision about future purchases will be made after the test.

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 May 17th Board meeting.

- Iron Horse Environmental – Quote Dated April 27, 2023 – For Purchase Of Three Turblex Control Panel Upgrade Packages Through The PA COSTARS Contract – Total Amount Not To Exceed \$228,000.00 (Capital Funds)

Mr. DiSantis stated that there are four Turblex blowers. Three of them were purchased in 2004 and one was installed in 2018. The three from 2004 have the older technical equipment inside and does not match the 2018 control panel equipment. These upgrade packages for the three 2004 control panels will then match the one from 2018 reducing the need to stock two different kinds of parts.

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 May 17th Board meeting.

- S. J. Thomas Company, Inc. – Proposal Dated May 5, 2023 – For Purchase Of Labor And Materials For Industrial Steel Painting On Several Structures At The WRTP Through The Keystone Purchasing Network – Total Amount Not To Exceed \$425,000.00 (Capital Funds)

Mr. Hurst stated that this purchase is for the application of new coatings to a number of steel structures and pipes at the WRTP that are showing signs of wear and have not been painted in a number of years.

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 May 17th Board meeting.

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