

**MINUTES**  
**OPERATIONS & ENGINEERING COMMITTEE MEETING**  
**MARCH 8, 2022 (VIRTUAL)**

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Attendants: Messrs. Cherico, DiSantis, Garner, Hurst, Kern, Knapp, Lehman, Moss, Mullen, Nagle, Willert, and Mesdames Billings, 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 were present for the bid opening: Frank Impagliazzo from Standard Pipe Services, Inc. and Tom Brentell from Deerfield. Mike Ewall of Energy Justice Network, Kearni Warren, were present for the meeting. 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. P2022-01 – Lawn Mowing and Maintenance

Mr. Hurst stated that there was one bid received.

	<u>TOTAL BID AMOUNT</u>
Deerfield Mowing and Property Maintenance	\$31,345.00

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 March 15<sup>th</sup> Board meeting.

- Contract No. SW-2104-C – SWDCMA Sewer Inflow and Infiltration Removal

Mr. Hurst stated that there were two bids received.

	<u>TOTAL BID AMOUNT</u>
Mobile Dredging & Video Pipe Services	\$1,015,111.36
Standard Pipe Services LLC	\$ 821,135.00

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 March 15<sup>th</sup> Board meeting.

- Contract No. TC-2201-C – Annual Incinerator Maintenance and Emergency Repair 2022

Mr. Hurst stated that there was one bid received.

	<u>TOTAL BID AMOUNT</u>
Industrial Furnace Company	\$ 722,400.00 (1 Year) \$1,491,400.00 (2 Year)

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 March 15<sup>th</sup> Board meeting.

4. MONTHLY REPORT – DIRECTOR OF OPERATIONS & MAINTENANCE: Mr. DiSantis highlighted certain items in the written report. He stated that there were no violations at the WRTP for the month of February. Mr. DiSantis stated that there were two violations at remote facilities. One was at the Thornbury Township Treatment Plant for exceeding the instantaneous maximum Total Residual Chlorine. The other violation was at the Pocopson Preserve facility for exceeding the monthly average TSS. Mr. DiSantis reported that this is a usual occurrence during the cold weather since it is a pond treatment facility. With regard to WRTP, Mr. DiSantis stated that February flow, while higher than January, was still lower than normal. He noted that there were three reportable incidents for emissions. Mr. DiSantis stated that all incidents were due to short stack openings of the #2 RTO. He reported that two of the incidents were caused by failed equipment within the burner system. The other incident was caused by a failed thermocouple. Regarding solids handling, Mr. DiSantis reported that both incinerators were in service 92% with no loads to compost and low gas and polymer usage. Regarding maintenance Mr. DiSantis stated that it was a good month for both maintenance departments. Central Maintenance continued to support the Risk Management Plan and performed work on T-27, which is the largest clarifier. Since the weather has been dry, we were able to take T-27 down, clean it, and perform an inspection and any needed maintenance. Concerning Trucked Waste, Mr. DiSantis stated that just under 19 million gallons were received and revenue is expected to meet budget. 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 reported that ongoing work is being completed in the energy savings project. He also reported that ongoing work is being completed in the sewer maintenance contract with multiple repairs in Marcus Hook and the paving contract. Regarding the WRTP 2020, contract Mr. Hurst reported that they are in the 4<sup>th</sup> holding tank and they are doing the structural repairs on the heavily corroded roof of the ET-4 tank. Mr. Hurst reported that the T-28 Construction and PS-5 Modification's contract had a busy month. They had materials delivered which resulted in high billing. Mr. Hurst stated that this is normal during early phases of construction. Regarding the sewer line on Church Street, it is underway and is one-third of the way complete. Mr.

Hurst reported on the CSO Long Term Control Plan. DELCORA resubmitted the LTCP to PADEP and EPA with the integration of the synergies of the ESA project and the tunnel project. The precent capture goes up and the activations go down with integrating CSO program with the ESA program. This requires the tunnel to be a 14 foot diameter tunnel which will improve CSO performance. Mr. Hurst stated that they are hopeful for a speedy response from EPA. He stated that CSO #5 is in design and there is utility relocation design work being completed. ESA Project is in a phase of adapting to the change to the 14 foot diameter tunnel. Some modifications were needed in some designs and scopes. These were funded through funds the Board has previously authorized as design contingency. Mr. Hurst noted that when these funds were approved, the board discussed/agreed that Mr. Hurst would authorize the additional work without supplemental Board action. Mr. Hurst stated that there is an agenda item from AECOM which is not able to be funded out of contingency money. Regarding ESA permits, Mr. Hurst reported that a submission to the DRBC is almost complete, and that the 537 Plan is getting close to submission as well. 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. The Metering Program continues to proceed with regular downtime of equipment when sewer maintenance is being performed. Mr. Lehman also stated that work on the Chapter 94 reports is ongoing. He stated that he is awaiting some contributions from municipalities. He stated that there is a draft of the Annual SWMM report that was sent out for DELCORA staff review. 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. Anchor Consultants, LLC – Proposal Dated March 7, 2022 – For Professional Engineering Services For Routine Inspection Of The Cellular Bulkhead Forming The Shoreline Of DELCORA WRTP – Total Amount Not To Exceed \$23,000.00 (Capital Funds)
- B. Anchor Consultants, LLC – Proposal Dated March 7, 2022 – For Professional Engineering Services For Chester Pump Station Bulkhead Routine Inspection – Total Amount Not To Exceed \$16,800.00 (Capital Funds)

Mr. Hurst stated that these proposals are for a Marine Engineer who inspects bulkheads. DELCORA has two bulkheads that need to be inspected as the last inspection was about 10 years ago.

It was the consensus of the Committee to recommend Board approval of the above proposal. These items will be placed on the agenda for the March 15<sup>th</sup> Board meeting.

- C. AECOM – Proposal Dated March 7, 2022 – For Amendment To Professional Engineering Services For Design And Geotechnical Investigations For Changing To 14-Ft Diameter Tunnel. – Total Amount Not To Exceed \$473,087.00 (Capital Funds)

Mr. Hurst stated that this relates to the increasing the tunnel diameter to 14 feet. This will cover design work and geotechnical investigation.

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 March 15<sup>th</sup> Board meeting.

- D. Buchanan Public Relations, LLC – Proposal Dated February 24, 2022 – For Professional Services For Public Relations And Communications Support – Total Additional Amount Not To Exceed \$99,000.00 (Capital Funds)

Mr. Hurst stated that this is for a PR Firm to handle the ESA meetings regarding the tunnel. Ms. Billings asked if they handle the advertisement of the meetings. Mr. Hurst stated that they advertise, they do the ads, and presentations, and handle the logistics of the meetings. Ms. Billings asked if they also handle the press releases and website modifications. Mr. Hurst stated that they handle all social media and press releases. Ms. Billings asked who reviews the information before it goes live. Mr. Hurst responded that the ESA team and Engineering Department reviews the information prior to it going live. Mr. Willert stated that they are only handling information regarding the tunnel project and that all content is reviewed by Staff or Executive Director prior to publication.

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 March 15<sup>th</sup> Board meeting.

- E. Chester Water Authority – Proposal Dated March 1, 2022 – For Professional Services For The Sewer Separation Project For Townsend Street – Total Amount Not To Exceed \$15,000.00 (Capital Funds)

Mr. Hurst reported that this is related to the Townsend Street project for the sewer separation. In order to make room for this, Chester Water will have to relocate four of their pipes.

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 March 15<sup>th</sup> Board meeting.

- F. H. Gilroy Damon Associates, Inc. – Proposal Dated February 16, 2022 – For Professional Engineering Services For ESA Tunnel Land Agent Support Services For The Darby Creek Pump Station, Central Delaware County Pump Station And Force Main – Total Amount Not To Exceed \$10,000.00 (Capital Funds)

Mr. Hurst stated that this is for support with the ESA Tunnel and land agent support.

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 March 15<sup>th</sup> Board meeting.

G. SEWERAI – Proposal Dated February 9, 2022 – For Professional Services To Use An AI-Assisted Process To Facilitate Rapid And Accurate Sewer Condition Assessments – Total Amount Not To Exceed \$60,000.00 (Operating Funds)

Mr. DiSantis stated that this is an artificial intelligence to review the videos of the sewer system. This is for the NASCO rating system. This is to facilitate the review of all the data that has been collected over the years.

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 March 15<sup>th</sup> Board meeting.

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

11. AUTHORIZATION TO PURCHASE:

- Purchase Of Chlorosorb Ultra (Box) Media Through A Sole Source Provider (Purafil) For A Total Amount Not To Exceed \$55,904.46 (Capital Funds)

After a brief discussion, it was the consensus of the Committee to recommend Board approval of the above Authorization to Purchase. This item will be placed on the agenda for the March 15<sup>th</sup> Board meeting.

12. ADVISOR APPOINTMENT:

- Engineering Advisor Services For Second Quarter 2022 – Weston Solutions, Inc. – Total Amount Not To Exceed \$2,500.00 Per Quarter

It was the consensus of the Committee to recommend Board approval of the above Advisor Appointment. This item will be placed on the agenda for the March 15<sup>th</sup> Board meeting.

Prior to adjournment, Ms. Nichols had a question regarding an email that was sent out about the sinkholes in Chester. Mr. DiSantis stated that DELCORA has routinely been sent lists of sinkholes throughout the City that needed to be inspected. Mr. DiSantis reported that if it is a DELCORA issue, they will televise the line and if they find that the line is intact, they will report to the City. If there is an issue with DELCORA's line, DELCORA will repair the line. A majority of the time, they are not due to an issue with a sewer line. Mr. DiSantis stated that sometimes they have dug up sink holes and realized that it could be a water break or a sewer break. In the past, it was a cooperative collaboration between DELCORA and CWA. Ms. Nichols stated that it is the customers who ultimately suffer from these sinkholes. Ms. Nichols asked if there is a way to collaborate with CWA in order to help the residents. Mr. DiSantis stated that, in the past,

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DELCORA usually ends up fixing the sink holes to resolve the issues. He will work on getting a meeting set up with CWA and the City of Chester to try and resolve this issue of sinkholes.

ADJOURNMENT: It was moved by Mr. Nagle, seconded by Ms. Billings, and unanimously carried to adjourn the regular meeting at 4:11 p.m.