

**MINUTES**  
**OPERATIONS & ENGINEERING COMMITTEE MEETING**  
**DECEMBER 14, 2021 (VIRTUAL)**

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Attendants: Messrs. DiSantis, Hurst, Kern, Knapp, Lehman, Lucas, Mullen, Nagle, Pileggi, Pisani, Willert, and Mesdames Amadio, 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.

Antoinette (last name unknown) was present for the bid opening. Also present were Ms. Kearni Warren and an unidentifiable person (phone number only was visible). 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. P2021-09 – Janitorial Services

Mr. Hurst stated that there were no bids received and requested that this contract be re-bid.

Following discussion, it was the consensus of the committee that this contract be re-advertised and re-bid. This item will be placed on the agenda for the December 21<sup>st</sup> Board meeting.

- Contract No. SU-2102-C – Church Street Sewer Upgrade In Upland Borough

Mr. Hurst stated that there were two bids received.

	<u>TOTAL BID AMOUNT</u>
A. J. Jurich, Inc.	\$763,010.00
MOR Construction Services, Inc.	\$834,125.00

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 December 21<sup>st</sup> Board meeting.

4. BID RESULTS RECEIVED ELECTRONICALLY THROUGH THE PENNBID PROGRAM ON DECEMBER 14, 2021:

- Contract No. P2021-10 – Liquid Chlorine In One Ton Cylinder

Mr. Hurst stated that there were two bids received. He read the total amounts of the following bids received: JCI Jones Chemicals, Inc. \$495,000.00 and Kuehne Chemical Company \$600,000.00. The apparent low bidder was JCI Jones Chemical, Inc. with a bid amount of \$495,000.00.

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 December 21<sup>st</sup> Board meeting.

- Contract No. P2021-11 – Liquid Caustic Soda

Mr. Hurst stated that there were three bids received. He read the total amounts of the following bids received: PVS Minibulk, Inc. \$103,785.00; Kuehne Chemical Company \$126,554.00; and JCI Jones Chemicals, Inc. \$96,000.00. The apparent low bidder was JCI Jones Chemicals, Inc. with a bid amount of \$96,000.00.

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 December 21<sup>st</sup> Board meeting.

5. 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 or at the remote facilities during the month of November. There was very low flow, and it was an extremely dry month. There were continued good results with process control, and it was a typical month for solids handling. Both incinerators were running 75% of the time and there were 22 loads hauled to compost. The downtime is attributable to maintenance issues with incinerator #2. The plant received almost 99% of the flow from the Central Delaware Pump Station which is typical when there isn't much rain. There were six reportable incidents to PADEP during the month. Two of these were for sanitary sewer overflows (SSOs) and four were for emissions incidents. One of the SSOs was due to an uninterruptable power source (battery backup) failure. This occurred during the transition from using PECO power to generator power. The battery backup has been replaced. The other SSO occurred at Norwood Borough's Martin Lane Pump Station which had an issue with their level control system. Regarding the emissions incidents, Mr. DiSantis stated that they were all RTO short stack openings. Incinerator #2 was shut down for inspection and maintenance. It was re-started at the end of the month utilizing a new operating procedure and it appears to be operating as it should. The first system failure this year occurred during November due to the ash systems not being able to convey ash from the incinerators. This issue was quickly addressed. Regarding the Trucked Waste business, he reported that November was a light month with approximately 18 million

gallons received. Mr. DiSantis had no additional comments to the written report. The Committee had no questions regarding the written report.

6. MONTHLY REPORT – DIRECTOR OF ENGINEERING: Mr. Hurst highlighted certain items in the written report. He reported that the HVAC Energy Savings Upgrade project in B-3 is nearing completion. A number of tasks were completed under the Annual Sewer Maintenance project such as continuing the air relief valve maintenance work and inspection work on one of our force mains for corrosion monitoring. Regarding the Incinerator Maintenance contract, there was ongoing routine cleaning on RTO #2 and IFCO assisted in diagnosing the cause of that unit to burn differently that led to the operational changes that Mr. DiSantis mentioned earlier. Concerning the 2020 WRTP Plant Upgrades project, Mr. Hurst stated that work continues on course with restoration work completed in sludge storage tank ET-3 and coatings work in ET-4 has begun. Also, the gravity belt thickener installation is complete and start-up occurred recently. The T-28 project has begun with site preparation work; the contractor has mobilized, and earthmoving has commenced.

Regarding the CSO Long Term Control Plan Update, Mr. Hurst stated that the comment letter from USEPA was received on November 5<sup>th</sup>. An internal meeting with the team was held and then a follow-up telephonic meeting with USEPA and PADEP occurred on November 30<sup>th</sup>. DELCORA submitted a response letter on December 7<sup>th</sup>. USEPA/PADEP contend that the activation frequency on our SSOs is still way too high and suggested that the tunnel being built for Eastern Service Area be used for storage by enlarging the tunnel diameter from 11 feet to 12 feet to bring that activation frequency down. This was analyzed by our technical team. It was determined that we do have the ability to do this, and the improvement is worth the investment, however, it would add a significant cost to the Long Term Control Plan. Our agreement and commitment to enlarging the tunnel was included in our response letter along with the estimate of the additional cost and a request for a seven year extension to complete the work. Subsequent to the response letter, the USEPA verbally communicated concerns about the proposed treatment unit at the Chester Pump Station, (Swirl concentrator unit). The technical team is considering that a small upgrade to the tunnel may eliminate the need for the swirl concentrator unit at the Chester Pump Station. This possibility is still being discussed and considered by the technical team, and Mr. Hurst will report on this at a later date.

In response to a question from Mr. Kern as to how many activation frequencies there are per year, Mr. Hurst stated that there is a current average of sixteen, however, with the expansion of the tunnel, that would be reduced to an average of six with a maximum of twelve. By integrating the overall additional cost to the tunnel and conveyance, the estimated additional LTCP cost is \$60-80 million and extending the completion of the project by seven years. Mr. Willert added that the LTCP began with a cost of \$83 million, then went to \$115 million, and now another \$60-80 million will be added to the total cost. In response to a question from Ms. Nichols regarding unbudgeted year 2022 design costs, Mr. Hurst stated that the tunnel designers determined that this would be a relatively small change and that contingency money was built in to the 2022 budget to cover situations like this.

Mr. Hurst also noted that there are physical engineering files that will be shredded in early January, but they have all been scanned and saved electronically; therefore, no resolution is required for the “destruction” of the documents. Mr. Hurst had no additional comments to the written report. The Committee had no other questions regarding the written report.

7. 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 November was a standard month in regard to the Metering Program and SWMM Modeling. Also, Weston provided DELCORA the insurance valuation for the facilities. Mr. Lehman had no additional comments to the written report. The Committee had no questions regarding the written report.

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

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

10. AUTHORIZATION FOR PROFESSIONAL SERVICES:

- A. Greeley & Hansen – Proposal Dated December 10, 2021 – For Professional Services To Provide Assistance In Responding To The USEPA’s Comments On The Financial Capability Assessment (FCA) Update And The Long Term Control Plan Update (LTCPU) (Task Order No. 12) – Total Amount Not To Exceed \$100,000.00 (Capital Funds)

Mr. Hurst stated that this proposal is for Greeley & Hansen to update the plans as mentioned in his report above.

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 December 21<sup>st</sup> Board meeting.

- B. Remington & Vernick Engineers – Proposal Dated December 9, 2021 – For Professional Engineering Services For Additional Engineering, Bidding And Construction Inspection Services For The Townsend Street Combined Sewer Separation Project – Phase 2 – Total Additional Amount Not To Exceed \$390,600.00 (Capital Funds)

Mr. Hurst stated that this task involves the separation of combined sewage pipes on Townsend Street. The first phase is ready for bid. This proposal is for the initiation of the second phase to get from Seaport Drive out to the Delaware River.

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 December 21<sup>st</sup> Board meeting.

- C. Weston Solutions, Inc. – Proposal Dated December 3, 2021 – For Professional Engineering Services To Prepare DELCORA’s Annual Chapter 94 Municipal Wasteload Management Reports For 2021 – Total Amount Not To Exceed \$34,000.00 (Operating Funds)

Mr. Hurst stated that the Chapter 94 report is an annual report. Weston gathers all of the information required from the municipalities and combines it all together for submission to the PWD for the Eastern service area and to the PADEP for the Western service area.

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 December 21<sup>st</sup> Board meeting.

- D. Industrial Controls Distributors, LLC – Proposal Dated November 3, 2021 – For Professional Services For Global Care Renewal For The SCADA System For 2022 – Total Amount Not To Exceed \$23,848.64 (Operating Funds)

Mr. DiSantis stated that this proposal is for network support for our GE Cimplicity SCADA system. The cost is the same as last year.

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 December 21<sup>st</sup> Board meeting.

- E. Chavond-Barry Engineering – Proposal Dated November 2, 2021 – For Professional Engineering Services To Provide Additional General Advice During Calendar Years 2021-2022 – Phase 2 – Total Additional Amount Not To Exceed \$30,000.00 (Operating Funds)

Mr. DiSantis stated that this proposal is for the second phase of the on-call consulting services.

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 December 21<sup>st</sup> Board meeting.

- F. Chavond-Barry Engineering – Proposal Dated November 1, 2021 – For Professional Engineering Services To Provide Incinerator Operator Training And Air Modeling During Calendar Years 2021-2022 – Total Amount Not To Exceed \$40,000.00 (Operating Funds)

Mr. DiSantis stated that this proposal is for the required operator training and perform an Air Modeling Study in 2022.

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 December 21<sup>st</sup> Board meeting.

- G. Castle Valley Consultants, Inc. – Proposal Dated November 17, 2021 – Professional Engineering Services For Preparation Of Municipal Wasteload Management Report For The Preserves (Corinne Village) Wastewater Treatment Plant, Pocopson Township, Chester County, PA – Total Amount Not To Exceed \$1,984.00 (Operating Funds)

- H. Castle Valley Consultants, Inc. – Proposal Dated November 17, 2021 – Professional Engineering Services For Preparation Of Groundwater Report For The Preserves (Corinne Village) Wastewater Treatment Plant, Pocopson Township, Chester County, PA – Total Amount Not To Exceed \$1,323.00 (Operating Funds)
- I. Castle Valley Consultants, Inc. – Proposal Dated November 17, 2021 – Professional Engineering Services For Preparation Of The Water Quality Management Permit Renewal Application For The Preserves (Corinne Village) Wastewater Treatment Plant, Pocopson Township, Chester County, PA – Total Amount Not To Exceed \$4,862.00 (Operating Funds)
- J. Castle Valley Consultants, Inc. – Proposal Dated November 17, 2021 – Professional Engineering Services For Preparation Of Municipal Wasteload Management Report For The Riverside Wastewater Treatment Plant, Pocopson Township, Chester County, PA – Total Amount Not To Exceed \$1,984.00 (Operating Funds)
- K. Castle Valley Consultants, Inc. – Proposal Dated November 17, 2021 – Professional Engineering Services For Preparation Of Groundwater Report For The Riverside Wastewater Treatment Plant, Pocopson Township, Chester County, PA – Total Amount Not To Exceed \$1,224.00 (Operating Funds)

Mr. DiSantis gave a brief overview of the Castle Valley proposals above.

It was the consensus of the Committee to recommend Board approval of the above proposal Items G through K. These items will be placed on the agenda for the December 21<sup>st</sup> Board meeting.

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

12. ADVISOR APPOINTMENT:

- Weston Solutions, Inc. – Proposal Dated November 30, 2021 – Engineering Advisor Services For The First Quarter 2022 – 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 December 21<sup>st</sup> Board meeting.

ADJOURNMENT: It was moved by Mr. Lucas, seconded by Mr. Knapp, and unanimously carried to adjourn the regular meeting at 3:59 p.m.