

MINUTES
OPERATIONS & ENGINEERING COMMITTEE MEETING
DECEMBER 12, 2023 (VIRTUAL)

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: Mike Ewall and Steve Vinci. 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 OPENING: Mr. Mullen stated that there were no bid openings at this time.

4. BID RESULTS RECEIVED ELECTRONICALLY THROUGH THE PENNBID PROGRAM ON DECEMBER 12, 2023:

- Contract No. P2023-08 – Liquid Chlorine In One Ton Cylinders

Ms. Caulk stated that there was one bid received. She read the total amount of the following bid received: Kuehne Chemical Company with a bid amount of \$717,600.00.

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 December 19th Board meeting.

- Contract No. P2023-09 – Liquid Caustic Soda

Ms. Caulk stated that there were two bids received. She read the total amounts of the following bids received: PVS Mini Bulk with a bid amount of \$117,400.00 and Kuehne Chemical Company with a bid amount of \$120,939.00. The apparent low bidder was PVS Mini Bulk with a bid amount of \$117,400.00.

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 19th Board meeting.

- Contract No. P2023-10 – Phosphoric Acid 85%

Ms. Caulk stated that there were two bids received. She read the total amounts of the following bids received: George S. Coyne Chemical, Inc. with a bid amount of \$357,402.00 and Shannon Chemical Corporation with a bid amount of \$380,100.00.

The apparent low bidder was George J. Coyne Chemical, Inc. with a bid amount of \$357,402.00.

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 19th 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 any of the remote facilities during the month of November. There were two reportable incidents to PADEP during the month. There were two dry weather SSOs. One occurred at the Pocopson Preserve due to a grease clog in the plant influent line and the other one occurred at the Feltonville Pump Station due to a power failure. Both issues were quickly addressed. Mr. DiSantis stated that the average daily flow in November was very similar to October mostly due to the dry weather and we had very good process results with very good cBOD and TSS removal. Regarding solids handling, he reported that planned maintenance work was done on one of the incinerators. There were 44 loads of cake hauled to compost during the month.

Regarding maintenance activities, Mr. DiSantis reported that Central Maintenance performed a good deal of planned and predictive work orders versus corrective work. Since the weather has been so good this year, Sewer Maintenance was able to do a great deal of televising and line cleaning. Also, much time was spent on routine support at WRTP such as moving the sludge trailers at various times of the day and night as all of the CDL licensed operators are located in Sewer Maintenance. Regarding the Hauled Waste business, he noted that we received 16.1 million gallons in November which is the lowest month of the year to date and will probably be under budget for the month but still expected to meet budget for the year.

In response to a question from Mr. Kern regarding a backup power supply at the Feltonville Pump Station, Mr. DiSantis stated that, currently, there is no backup power supply but a solution is being investigated such as installing a permanent generator. It is a very low flow pump station and we have been able to address the overflow issues with a Vac truck. Mr. DiSantis had no additional comments to the written report. The Committee had no other questions regarding the written report.

5. MONTHLY REPORT – DIRECTOR OF ENGINEERING: Mr. Hurst highlighted certain items in the written report. Under Sewer Maintenance contract, A. J. Jurich performed the following: finished the bypass setup at the Chester Pump Station, cleaned up the polymer system, work done in EB-2 and B-3 buildings, some repair work on shafts for one of the pumps, and repair of a 24-inch line at the Central Pump Station. He noted that there was no work performed under the Paving contract. Regarding the Incinerator Maintenance contract, he stated the following work was performed on Incinerator #2: Hearths 5 and 7 were replaced, the lute cap was replaced on Hearth 2, some rabble arm work was done, and venturi spray work was done. This was a pretty extensive amount of upkeep maintenance on Incinerator #2. Concerning the T-28 Construction project, he stated that there are deductive change orders and requests for

close out for both parts of this contract on today's agenda for consideration. Under the Electrical Maintenance contract, Mr. Hurst reported that, within the last week, trailers and temporary generators were pulled in to the plant in response to planned PECO outages. Mr. Hurst reviewed the work performed under the Plant and Facilities Services contact which included tank cleanings at the WRTP, I&I reduction work out in the municipal systems, safety hatch replacements, and a sewer repair on Highland Avenue.

Regarding the Long Term Control Plan, Mr. Hurst stated that there was a significant change as to what is in the report. DELCORA met with the EPA this past month and reviewed the four major alternatives that have been discussed for the last few months that precipitated some additional tweaks to those four alternatives, then went back with some documents to the EPA. The next milestone with the EPA will be a larger Region 3 level management meeting sometime in late January. He noted that the alternatives that were reviewed with EPA were received well and we received some good feedback to modify the alternatives. Mr. Hurst noted that the report item on the Tunnel project was revised based upon the Board's actions last month. Still included under that report are obtaining the permits and the land easements, and also the UV system. Mr. Hurst stated that the UV disinfection system was previously evaluated as part of the ESA program. Carollo Engineers vetted the design that was identified. That process was completed and Kleinfelder is updating their costs, and an update on UV disinfection will be provided at the February meeting. Concerning the D'Huy On-Call Services Contract, he reported that the odor control system is ready to go into final design. Mr. Hurst briefly reviewed the Pretreatment section and the Regulatory Filings section of his report. Mr. Hurst had no additional comments to the written report. The Committee had no 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 flows were down in the previous month due to lack of rain even though there was more rain in November but most occurred during one storm event. Mr. Lehman reported that the Metering Program continues to proceed on schedule. Meters that were out for longer periods of time for sewer maintenance in some communities have now been reinstalled so that data is being gathered again. Mr. Lehman had no additional comments to the written report. The Committee had no questions regarding the written report.

8. CHANGE ORDERS:

- Contract No. TC-2009-C – T-28 Construction & PS-5 Modifications – Contract A-General – Change Order No. 2 – Decrease In Contract Amount Of \$10,703.00 To Close Out Contract (Allan Myers)

It was the consensus of the Committee to recommend Board approval of the above contract change order. This item will be placed on the agenda for the December 19th Board meeting.

- Contract No. TC-2009-C – T-28 Construction & PS-5 Modifications – Contract D-Electrical – Change Order No. 1 – Decrease In Contract Amount Of \$35,000.00 To Close Out Contract (Philips Brothers Electrical)

It was the consensus of the Committee to recommend Board approval of the above contract change order. This item will be placed on the agenda for the December 19th Board meeting.

- Contract No. TC-2303-C – B-3 UPS Installation – Change Order No. 2 – Increase In Contract Amount Due To Enlargement Of Concrete Pad And New Location, And Installation Of 29 Helical Piles For Support – Increase In The Amount Of \$236,847.00 (SJ Thomas)

Mr. Hurst stated that this contract change order is the foundation piece for the electrical portion that was approved last month. Both change orders will assist the plant in riding through PECO power outages. In response to a question from Ms. Billings, Mr. Hurst confirmed that unit prices from the original bid are used. This project is through the Keystone Purchasing Network. Mr. Kern added that as we progress through this project, they make recommendations on how to improve the project.

It was the consensus of the Committee to recommend Board approval of the above contract change order. This item will be placed on the agenda for the December 19th Board meeting.

- Contract No. SEW-2203-CO – Sewer Maintenance, Repairs & Other Construction Related Projects – Change Order No. 1 – Increase In Contract Amount For Additional Funding For Various Repairs And Projects – Increase In The Amount Of \$600,000.00 (A. J. Jurich)

Mr. Hurst stated that this contract change order uses the existing unit prices and we need to add scope to this contract because there are several months remaining on the contract. There is an increased list of projects that need to get done. We are requesting an increase of \$600,000 for the remaining term of this contract using budgeted capital funds. Ms. Nichols requested that the original contract price be included when requesting significant change orders with a notation of the percentage of the increase or decrease. Mr. Hurst stated that the original contract price was \$2,045,260 for two years. This change order represents a 30% increase. He stated that subsequent change order requests will include that information.

It was the consensus of the Committee to recommend Board approval of the above contract change order. This item will be placed on the agenda for the December 19th Board meeting.

- Contract No. TCR-2103-O – Plant And Facilities Services – Change Order No. 4 – Increase In Contract Amount And Time For Additional Lateral Modifications Related To NPDES Permit And Draft LTCP Prescribed Municipal I&I Engagement – Increase In Time Of 365 Days And Increase In The Amount Of \$1,500,000.00 (Mor Construction)

Mr. Willert stated that this is the private program we have been doing with the county and part of our Long Term Control Plan, as mandated by the EPA, is doing the I&I work through some of the municipalities. The worst areas, such as Glenolden, were identified by using flow meter data. The increase is to keep this project going next year. It's been very successful so far and he will provide an update to the Board in January. Further discussion took place as to the scope of the work. Ms. Billings requested more info before voting on this.

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

- Contract No. TC-2009-C – T-28 Construction & PS-5 Modifications – Contract A-General (Allan Myers)
- Contract No. TC-2009-C – T-28 Construction & PS-5 Modifications – Contract D-Electrical (Philips Brothers Electrical)

It was the consensus of the Committee to recommend Board approval of the above Contract Close Outs and Final Payments. These items will be placed on the agenda for the December 19th Board meeting.

10. AUTHORIZATION FOR PROFESSIONAL SERVICES:

- A. GE Digital – Proposal Dated December 5, 2023 – For Professional Services For Global Care Renewal For The SCADA System For 2024 (GE Digital Is Now Sole Source Provider For Their Software) – Total Amount Not To Exceed \$23,160.03 (Operating Funds)

Mr. DiSantis stated that this proposal is for the annual support for all of our process control software.

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 19th Board meeting.

- B. Smith Instrument Company, Inc. – Proposal Dated December 6, 2023 – For Professional Services To Perform The 2024 Quarterly Flow Meter Calibrations/Verifications – Total Amount Not To Exceed \$30,000.00 (Operating Funds)

Mr. DiSantis stated that we are required to do third-party independent calibrations of all of our meters including billing meters and other equipment.

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 19th Board meeting.

C. Material Matters, Inc. – Proposal Dated December 7, 2023 – For Professional Engineering Services To Provide General Support And Advice – Total Amount Not To Exceed \$10,000.00 (Operating Funds)

Mr. DiSantis stated that Material Matters provides consulting and engineering on solids handling issues and they have assisted us for the last few 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 December 19th Board meeting.

11. AUTHORIZATION TO ADVERTISE FOR BIDS:

- Contract No. P2024-01 – Replacement Belts For A Belt Filter Press
- Contract No. P2024-02 – ENDIMAL (Odor Control)

It was the consensus of the Committee to recommend Board approval of the above Authorizations to Advertise for Bids. These items will be placed on the agenda for the December 19th Board meeting.

12. ADVISOR APPOINTMENT:

- Weston Solutions, Inc. – Proposal Dated November 30, 2023 – Engineering Advisor Services For The Year 2024 – For An Annual Retainer Fee Of \$10,000.00 (Operating Funds)

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 19th Board meeting.

13. AUTHORIZATION TO PURCHASE:

- Liberty Door Systems – Quote #25438 Dated November 21, 2023 – For The Purchase And Installation Of Three (3) FRP Doors At The WRTP Through The PA COSTARS Contract #008-E22-808 – Total Amount Not To Exceed \$29,607.59 (Capital Funds)

Mr. DiSantis stated that this purchase is for three sets of large fiberglass reinforced double doors with panic bars on the inside. These are replacement doors.

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 December 19th Board meeting.

- Intercon Truck Equipment, Inc. – Quote #0109951 Dated December 5, 2023 – For The Purchase And Installation Of One Galion 201 Stainless Steel Dump Body Model 433U With Rear Tire Splash Shields And Strobe Lights In Cab Through The PA COSTARS Contract #025-E22-394 – Total Amount Not To \$43,643.00 (Capital Funds)

Mr. DiSantis stated that the Authority owns one large six wheeler dump truck, and that the truck and cab are still in very good condition despite its age. This purchase is for the stainless steel dump body that is less corrosive than aluminum and cost about the same. The purchase of the dump body also includes replacement of the hydraulics.

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 December 19th Board meeting.

14. RESOLUTION NO. 2023-11 – AUTHORIZING THE DISPOSITION OF PURCHASING CONTRACTS AND PURCHASE ORDERS DATED 2001 THROUGH 2015:

In response to a question from Ms. Nichols as to any outstanding warranties on any of these purchases, Mr. DiSantis stated that there are no outstanding warranties on anything purchased from 2015 or from prior years. Mr. Willert confirmed that we make sure those contracts are completely closed out.

It was the consensus of the Committee to recommend Board approval of the above resolution. This item will be placed on the agenda for the December 19th Board meeting.

ADJOURNMENT: It was moved by Ms. Nichols, seconded by Mr. Moss, and unanimously carried to adjourn the regular meeting at 4:07 p.m.